	10	20	30	40	50	60
K09	A T G A A T C C A A A C C A A A A G A T A A T A A C C A T T G G T T C G G T C T G T A T G A C A A T T G G A A T G G C T
rK09/NA:Y275	. . . . .
K/2785	. . . . .

	70	80	90	100	110	120
K09	A A C T T A A T A T T A C A A A T T G G A A A C A T A A T C T C A A T A T G G A T T A G C C A C T C A A T T C A A C T T
rK09/NA:Y275	. . . . .
K/2785	. . . . .

	130	140	150	160	170	180
K09	G G G A A T C A A A A T C A G A T T G A A A C A T G C A A T C A A A G C G T C A T T A C T T A T G A A A A C A A C A C T
rK09/NA:Y275	. . . . .
K/2785	. . . . .

	190	200	210	220	230	240
K09	T G G G T A A A T C A G A C A T A T G T T A A C A T C A G C A A C A C C A A C T T T G C T G C T G G A C A G T C A G T G
rK09/NA:Y275	. . . . .
K/2785	. . . . .

	250	260	270	280	290	300
K09	G T T T C C G T G A A A T T A G C G G G C A A T T C C T C T C T C T G C C C T G T T A G T G G A T G G G C T A T A T A C
rK09/NA:Y275	. . . . .
K/2785	. . . . . A . . . . .

	310	320	330	340	350	360
K09	A G T A A A G A C A A C A G T A T A A G A A T C G G T T C C A A G G G G G A T G T G T T T G T C A T A A G G G A A C C A
rK09/NA:Y275	. . . . .
K/2785	. . . . .

	370	380	390	400	410	420
K09	T T C A T A T C A T G C T C C C C C T T G G A A T G C A G A A C C T T C T T C T T G A C T C A A G G G G C C T T G C T A
rK09/NA:Y275	. . . . .
K/2785	. . . . .

	430	440	450	460	470	480
K09	A A T G A C A A A C A T T C C A A T G G A A C C A T T A A A G A C A G G A G C C C A T A T C G A A C C C T A A T G A G C
rK09/NA:Y275	. . . . .
K/2785	. . . . .

	490	500	510	520	530	540
K09	T G T C C T A T T G G T G A A G T T C C C T C T C C A T A C A A C T C A A G A T T T G A G T C A G T C G C T T G G T C A
rK09/NA:Y275	. . . . .
K/2785	. . . . .

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                                                  550       560       570       580       590       600
K09        GCAAGTGCTTGTCATGATGGCATCAAATTGGCTAACAATTGGAATTTCTGGCCCAGACAAT
rK09/NA:Y275 ..........................................................
K/2785     ..........................................................

                                                  610       620       630       640       650       660
K09        GGGGCAGTGGCTGTGTTAAAGTACAACGGAATAATAACAGACACTATCAAGAGTTGGAGA
rK09/NA:Y275 ..........................................................
K/2785     .........................C..................................

                                                  670       680       690       700       710       720
K09        AACAATATATTGAGAACACAAGAGTGCATGTGTAAATGGTCTTGCTTTACTAATTGGACC
rK09/NA:Y275 ..........................................................
K/2785     ..........................................................

                                                  730       740       750       760       770       780
K09        GTAATGACCGATGGACCAAGTAATGGACAGGCCTCATACAAGATCTTCAGAATAGAAAAG
rK09/NA:Y275 ...........................................................
K/2785     ...........G.............................................
                                                  N248D
                                                  790       800       810       820       830       840
K09        GGAAAGATAGTCAAATCAGTCGAAATGAATGCCCCTAATTATCACTATGAGGGAATGCTCC
rK09/NA:Y275 ...........................T...........................
K/2785     ...........................T...........................
                                                                H275Y
                                                  850       860       870       880       890       900
K09        TGTTATCCTGATTCTAGTGAAATCACATGTGTGTGCAGGGGATAACTGGCATGGCTCGAAT
rK09/NA:Y275 ..........................................................
K/2785     ..........................................................

                                                  910       920       930       940       950       960
K09        CGACCGTGGGTGTCTTTCAACCAGAATCTGGAATATCAGGATAGGATACATATGCAGTGG
rK09/NA:Y275 ..........................................................
K/2785     ..........................................................

                                                  970       980       990      1000      1010      1020
K09        ATTTTCGGAGACAATCCACGCCCTAATGAATAAGACAGGCAGTTGTGGTCCAGTATCGTCT
rK09/NA:Y275 ..........................................................
K/2785     ..........................................................

                                                 1030      1040      1050      1060      1070      1080
K09        AATGGAGCAAATGGAGTAAAAGGATTTTCAATTCAAATACGGCAATGGTGTTTGGATAGGG
rK09/NA:Y275 ..........................................................
K/2785     ..........................................................
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                   1090      1100      1110      1120      1130      1140
K09          AGAACTAAAAGCATTAGTTCAAGAAACGGTTTTGAGATGATTTGGGATCCGAACGGATGG
rK09/NA:Y275 ............................................................
K/2785       ............................................................

                   1150      1160      1170      1180      1190      1200
K09          ACTGGGACAGACAATAACTTCTCAATAAAGCAAGATATCGTAGGAATAAATGAGTGGTCA
rK09/NA:Y275 ............................................................
K/2785       ............................................................

                   1210      1220      1230      1240      1250      1260
K09          GGATATAGCGGGAGTTTTGTTCAGCATCCAGAACTAACAGGGCTGGATTGTATAAGACCT
rK09/NA:Y275 ............................................................
K/2785       ............................................................

                   1270      1280      1290      1300      1310      1320
K09          TGCTTCTGGGTTGAACTAATCAGAGGGCGACCCAAAGAGAACACAATCTGGACTAGCGGG
rK09/NA:Y275 ............................................................
K/2785       ............................................................

                   1330      1340      1350      1360      1370      1380
K09          AGCAGCATATCCTTTTGTGGTGTAAACAGTGACACTGTGGGTTGGTCTTGGCCAGACGGT
rK09/NA:Y275 ............................................................
K/2785       ............................................................

                   1390      1400      1410
K09          GCTGAGTTGCCATTTACCATTGACAAGTAA
rK09/NA:Y275 ..............................
K/2785       ..................G...........
                               I467V
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