

**Supplementary Table 3. List of identified mouse cathepsin E cleavage sites.** Columns from left to right contain: Swissprot accession number, start and end position of the identified peptide in the protein sequence, the identified (neo-N-terminal) peptide sequence, the residues surrounding the cleavage site from P4 to P4', number of fragmentation spectra by which the peptide was identified, all different light/heavy ratios by which the peptide was quantified, the MASCOT score and threshold (99% confidence) of the best scoring fragmentation spectrum, the protein name, and possible protein isoforms in which the same peptide sequence can be found.

accession	start	end	neo-N-terminal peptide sequence	cleavage site	# spectra	different light/heavy ratios	score/threshold	protein name	isoforms
P62259	8	19	AcD3-VYQAKLAEQAER-COOH	REDL↓VYQA	4	0.48466/0.50846/0.47288	75/47	14-3-3 protein epsilon	
P62259	10	19	AcD3-QAKLAEQAER-COOH	DLVY↓QAKL	2	0.55671	82/47	14-3-3 protein epsilon	
P62259	178	190	AcD3-SVFYVEILNSPDR-COOH	ALNF↓SVFY	1	0.65232	48/47	14-3-3 protein epsilon	
P62259	181	190	AcD3-YEILNSPDR-COOH	FSVF↓YVEI	1	0.71381	56/47	14-3-3 protein epsilon	
P68510	30	42	AcD3-VTELNEPLSNEDR-COOH	AMKA↓VTEL	3	0.5518/0.52405	74/47	14-3-3 protein eta	
P61982	24	42	AcD3-AAAMKNVTELNEPLSNEER-COOH	YDDM↓AAAM	1	0.52726	64/47	14-3-3 protein gamma	
P61982	30	42	AcD3-VTELNEPLSNEER-COOH	AMKN↓VTEL	2	0.42895	68/48	14-3-3 protein gamma	
P61982	33	42	AcD3-LNEPLSNEER-COOH	NVTE↓LNEP	1	0.49528	53/47	14-3-3 protein gamma	
O70456	7	18	AcD3-IQKAKLAEQAER-COOH	RASL↓IQKA	5	0.54673/0.55126	89/45	14-3-3 protein sigma	P68254 (7-18)
P68254	27	41	AcD3-KAVTEQGAELNSNEER-COOH	ATCM↓KAVT	3	0.55356/0.39311	127/47	14-3-3 protein theta	
P68254	45	55	AcD3-SVAYKVVVGR-COOH	RNLL↓SVAY	1	0.6112	75/47	14-3-3 protein theta	
P63101	7	18	AcD3-VQKAKLAEQAER-COOH	KNEL↓VQKA	2	0.52129	97/45	14-3-3 protein zeta/delta	Q9CQV8 (9-20)
P63101	23	41	AcD3-AACMSVTEQGAELNSNEER-COOH	YDDM↓AACM	6	0.47197/0.46382/0.44103/0.45846/0.50997	100/44	14-3-3 protein zeta/delta	
P63101	24	41	AcD3-ACMKSVTEQGAELNSNEER-COOH	DDMA↓ACMK	3	0.54575/0.47447	137/44	14-3-3 protein zeta/delta	
P63101	26	41	AcD3-MKSVTEQGAELNSNEER-COOH	MAAC↓MKS	2	0.67068	131/46	14-3-3 protein zeta/delta	
P63101	27	41	AcD3-KSVTEQGAELNSNEER-COOH	AACM↓KSVT	2	0.56883	110/47	14-3-3 protein zeta/delta	
P63101	29	41	AcD3-VTEQGAELNSNEER-COOH	CMKS↓VTEQ	7	0.51119/0.47254/0.47117/0.51045	79/46	14-3-3 protein zeta/delta	P68254 (29-41)
P63101	44	55	AcD3-LSVAYKVVGR-COOH	ERNL↓LSVA	10	0.42402/0.49222/0.47159	87/45	14-3-3 protein zeta/delta	P61982 (45-56), P68510 (45-56), Q9CQV8 (46-57)
P63101	45	55	AcD3-SVAYKVVGR-COOH	RNLL↓SVAY	4	0.66067/0.6267	64/46	14-3-3 protein zeta/delta	P61982 (46-56), P68510 (46-56), Q9CQV8 (47-57)
P63101	67	80	AcD3-QKTEGAEKQMAR-COOH	SSIE↓QKTE	2	0.55076	85/47	14-3-3 protein zeta/delta	
P63101	118	127	AcD3-YLKMKGDIYR-COOH	SKVF↓YLKM	2	0.6497	54/48	14-3-3 protein zeta/delta	O70456 (120-129), P61982 (123-132), P68510 (123-132)
Q8CIH5	959	968	AcD3-VETKADSIYR-COOH	IRSF↓VETK	4	0.5661/0.52026	64/45	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-2	
P62192	235	249	AcD3-LAKAVANQTSATFLR-COOH	GKTL↓LAKA	1	0.4751	81/44	26S protease regulatory subunit 4	
P54775	30	43	AcD3-LGPEPELDELISYR-COOH	GLSF↓LGPE	1	0.50969	50/47	26S protease regulatory subunit 6B	
P54775	164	178	AcD3-YADIGMGDIKQEVRR-COOH	PDVM↓YADI	2	0.4417	96/47	26S protease regulatory subunit 6B	
P54775	191	200	AcD3-YKIGIOPPR-COOH	HFEL↓YKQI	1	0.60708	52/46	26S protease regulatory subunit 6B	
P46471	33	43	AcD3-LKTYGGSTYSR-COOH	DIAL↓LKTY	3	0.48321/0.4443	60/47	26S protease regulatory subunit 7	
P46471	81	97	AcD3-AADKQTLQSEQPLQVAR-COOH	LWDL↓AADK	2	0.4448	103/47	26S protease regulatory subunit 7	
P46471	122	139	AcD3-VVDLSQVAPTIEEGMR-COOH	FAKF↓VVDL	1	0.49635	57/46	26S protease regulatory subunit 7	
P46471	126	139	AcD3-SDQVAPTIEEGMR-COOH	VVDL↓SDQV	2	0.47037/0.45977	75/45	26S protease regulatory subunit 7	
P62196	12	21	AcD3-EEGKAGSGLR-COOH	QMEL↓EEGK	6	0.45553/0.42531/0.45894	97/47	26S protease regulatory subunit 8	
P62196	176	201	AcD3-EALGIAQPKGVLLYGGPGTKLLAR-COOH	PELF↓EALG	1	0.44681	53/38	26S protease regulatory subunit 8	
O35593	271	282	AcD3-AIKNVGKQDPKPR-COOH	PEQL↓AIKN	2	0.42566	61/41	26S proteasome non-ATPase regulatory subunit 14	
O35226	207	221	AcD3-GVDPADPELALALR-COOH	DFEF↓GVDP	1	0.52427	50/47	26S proteasome non-ATPase regulatory subunit 4	
O35226	337	352	AcD3-VLENLPGVDPNNAAIR-COOH	FLQS↓VLEN	1	0.58867	54/46	26S proteasome non-ATPase regulatory subunit 4	
Q3UHX2	81	88	AcD3-IDIENPNR-COOH	VEGL↓IDIE	1	0.5767	53/47	28 kDa heat- and acid-stable phosphoprotein	
Q99J99	217	231	AcD3-LTNEGLEKSPKIKR-COOH	FTFE↓LTNE	3	0.45852/0.50891	80/46	3-mercaptopyruvate sulfurtransferase	
Q9CR16	37	49	AcD3-FADIVPKTAENFR-COOH	VLEL↓FADI	1	0.3885	60/47	40 kDa peptidyl-prolyl cis-trans isomerase	
Q9CR16	301	312	AcD3-EMDPSNPKALYR-COOH	LEAL↓EMDP	1	0.56593	51/47	40 kDa peptidyl-prolyl cis-trans isomerase	
P63323	89	96	AcD3-VGLCKIDR-COOH	LGEW↓VGLC	2	0.36101	53/47	40S ribosomal protein S12	
P62843	26	40	AcD3-LDMSYEQLMQLYSAR-COOH	LDQL↓LDMS	2	0.37708	75/46	40S ribosomal protein S12	
P63276	38	47	AcD3-IAIIPSKLLR-COOH	VCEE↓IAII	1	0.41523	42/29	40S ribosomal protein S17	
P63276	109	132	AcD3-LDFGLSNLQVTPVMNFKTPR-COOH	MLKL↓LDFG	1	0.52745	69/47	40S ribosomal protein S17	
P63276	118	132	AcD3-QVTQPTVMNFKTPR-COOH	LSNL↓QVTQ	2	0.47945	70/48	40S ribosomal protein S17	
P62270	29	38	AcD3-AITAIKGVGR-COOH	KIAF↓AITA	3	0.33176/0.36954	50/42	40S ribosomal protein S18	
P62849	24	41	AcD3-VIDVLPHGKATVPKTEIR-COOH	RKQM↓VIDV	2	0.39715/0.43347	86/39	40S ribosomal protein S24	
P62852	68	76	AcD3-ITPAVVSER-COOH	NYKL↓ITPA	1	0.42625	68/45	40S ribosomal protein S25	
P97351	69	82	AcD3-VSLADLNDEVAFR-COOH	RVFE↓VSLA	2	0.47261	107/48	40S ribosomal protein S3a	
P97351	72	82	AcD3-ADLNQDEVAFR-COOH	EVSL↓ADLQ	4	0.40359/0.40646	68/47	40S ribosomal protein S3a	
P97351	138	146	AcD3-FCVGFTRK-COOH	LLRL↓FCVG	1	0.40954	62/47	40S ribosomal protein S3a	
P62702	21	30	AcD3-DKLTGVFAPR-COOH	HWML↓DKLT	2	0.38749	68/46	40S ribosomal protein S4, X isoform	
P97461	174	198	AcD3-ADELINAAGSSNSYAIKKKDELER-COOH	AECL↓ADEL	1	0.448	68/46	40S ribosomal protein S5	
P62082	31	41	AcD3-EMNSDLKAQLR-COOH	LLEL↓EMNS	2	0.34271	74/47	40S ribosomal protein S7	

P62082	133	143	AcD3-LVFPSEIVGKR-COOH	ILED↓LVFP	9	0.40254/0.37404/0.38437/0.33247	81/44	40S ribosomal protein S7
P14206	140	155	AcD3-VNLPPTIALCNTDSPLR-COOH	EASY↓VNLP	1	0.3645	68/47	40S ribosomal protein SA
Q9JLJ2	7	15	AcD3-VVQPLNLYR-COOH	TGTF↓VVQS	3	0.45148/0.51236/0.55507	64/47	4-trimethylaminobutyraldehyde dehydrogenase
Q9JLJ2	91	107	AcD3-IATVETINNGKSIFEAR-COOH	RKDE↓IATV	2	0.56204	98/47	4-trimethylaminobutyraldehyde dehydrogenase
Q9JLJ2	94	107	AcD3-VETINNGKSIFEAR-COOH	EIAT↓VETI	2	0.53835	68/47	4-trimethylaminobutyraldehyde dehydrogenase
Q9JLJ2	308	326	AcD3-VVKQTQKIKLGDPLEDTR-COOH	FINE↓VVKQ	2	0.45502/0.42882	66/40	4-trimethylaminobutyraldehyde dehydrogenase
Q9JLJ2	18	29	AcD3-ADFEGLLQGRF-COOH	DGVL↓ADFE	2	0.42914	80/47	5'(3')-deoxyribonucleotidase, cytosolic type
Q9D110	132	145	AcD3-IFLPGDFDKDGNR-COOH	GLDL↓IFLP	2	0.62212	98/47	5-formyltetrahydrofolate cyclo-ligase
P63038	47	60	AcD3-LADAVAVTMGPKGR-COOH	GVLD↓LADA	2	0.36736	69/47	60 kDa heat shock protein, mitochondrial
P63038	405	420	AcD3-KVGGTSDVEVNEKKDR-COOH	VAVL↓KVGG	1	0.77801	119/47	60 kDa heat shock protein, mitochondrial
P63038	412	420	AcD3-VEVNEKKDR-COOH	GTSD↓VEVN	2	0.32888/0.36849	89/47	60 kDa heat shock protein, mitochondrial
P63038	436	446	AcD3-IVLGGCCALLR-COOH	VEEG↓IVLG	1	0.37412	77/44	60 kDa heat shock protein, mitochondrial
P63038	514	526	AcD3-VEKGIIIDPTKVR-COOH	FVNM↓VEKG	1	0.43897	61/39	60 kDa heat shock protein, mitochondrial
P14869	29	44	AcD3-IVGADNVGSKMQMQR-COOH	PKCF↓IVGA	8	0.40229/0.37056/0.38675/0.37638/0.41811	111/48	60S acidic ribosomal protein P0
P14869	52	62	AcD3-VVLMGKNTMMR-COOH	RGKA↓VVLM	1	0.3376	57/47	60S acidic ribosomal protein P0
P14869	89	99	AcD3-VFTKEDLLEIR-COOH	NVGF↓VFTK	1	0.55737	56/47	60S acidic ribosomal protein P0
P14869	103	112	AcD3-LANKVPAAR-COOH	RDML↓LANK	3	0.34311/0.38145	70/44	60S acidic ribosomal protein P0
P14869	138	149	AcD3-FQALGITTKISR-COOH	KTSF↓FQAL	2	0.42897	88/44	60S acidic ribosomal protein P0
P99027	10	38	AcD3-AALGNSSPSAKIKKILDSVIEADDDR-COOH	SVLL↓AALG	1	0.49405	52/47	60S acidic ribosomal protein P2
P53026	34	48	AcD3-LQISLKNYDPOKDKR-COOH	ETVE↓LQIS	5	0.39179/0.32975/0.37979	99/45	60S ribosomal protein L10a
P53026	35	48	AcD3-QISLKNYDPOKDKR-COOH	TYEL↓QISL	2	0.39176	80/46	60S ribosomal protein L10a
P53026	111	122	AcD3-LASESLIKQIPR-COOH	YDAF↓LASE	5	0.41131/0.38137/0.40881	70/43	60S ribosomal protein L10a
P53026	112	122	AcD3-ASESLIKQIPR-COOH	DAFL↓ASES	1	0.59564	44/43	60S ribosomal protein L10a
Q9CXW4	23	32	AcD3-NICVGESEDR-COOH	KLCL↓NICV	2	0.42182	76/45	60S ribosomal protein L11
Q9CXW4	24	32	AcD3-ICVGESEDR-COOH	LCLN↓ICVG	1	0.44579	55/45	60S ribosomal protein L11
P35979	107	114	AcD3-DEIVNIAR-COOH	NITF↓DEIV	2	0.4387	67/47	60S ribosomal protein L12
P47963	147	158	AcD3-ATQLTGPVMPPIR-COOH	EKLK↓ATQL	4	0.45798/0.39766/0.34938	56/46	60S ribosomal protein L13
P19253	22	31	AcD3-IVAKVQLLR-COOH	RLAA↓IVAK	2	0.3737	59/33	60S ribosomal protein L13a
Q9CR57	25	35	AcD3-VAIVDVIDQNR-COOH	AGKL↓VAIV	4	0.37868/0.39682	73/47	60S ribosomal protein L14
Q9CR57	111	119	AcD3-KVMKAKKMR-COOH	FDRF↓KVMK	2	0.5883/0.51864	49/42	60S ribosomal protein L14
P62717	128	138	AcD3-KVEIAAGKCR-COOH	IQIM↓KVEE	1	0.55275	60/47	60S ribosomal protein L18a
P84099	124	136	AcD3-YLKVKNVFNKCR-COOH	YHSL↓YLKV	1	0.60987	52/37	60S ribosomal protein L19
P84099	125	136	AcD3-LKVKGNVFNKCR-COOH	HSLY↓LKVK	2	0.51244	75/34	60S ribosomal protein L19
P67984	40	46	AcD3-EQFLQER-COOH	AANF↓EQFL	1	0.34094	53/47	60S ribosomal protein L22
P62830	63	73	AcD3-ATVKGKPELR-COOH	DMVM↓ATVK	2	0.39508/0.36369	49/38	60S ribosomal protein L23
P27659	217	234	AcD3-IDVIGVTKGKYGVTSR-COOH	QDEM↓IDVI	3	0.41303/0.34586	114/43	60S ribosomal protein L3
P27659	331	343	AcD3-IMLKGCVGTKKR-COOH	TNDF↓IMLK	4	0.38239/0.41945	82/42	60S ribosomal protein L3
P27659	333	343	AcD3-LKGCYVGTKKR-COOH	DFIM↓LKGC	1	0.41808	58/40	60S ribosomal protein L3
P27659	334	343	AcD3-KGCYVGTKKR-COOH	FIML↓KGCV	2	0.61236	69/44	60S ribosomal protein L3
P62889	46	56	AcD3-VILANCPALR-COOH	KAKL↓VILA	2	0.41119	55/47	60S ribosomal protein L30
P62889	49	56	AcD3-ANNCPALR-COOH	LVIL↓ANNC	1	0.40797	51/47	60S ribosomal protein L30
P62889	94	106	AcD3-LAIDPGSDIIR-COOH	RVCT↓LAII	1	0.38945	51/46	60S ribosomal protein L30
P62889	95	106	AcD3-AIDPGSDIIR-COOH	VCTL↓AID	2	0.4178/0.32232	61/47	60S ribosomal protein L30
P62900	15	23	AcD3-SAINEVVTR-COOH	KKGR↓SAIN	1	0.75295	72/34	60S ribosomal protein L31
Q62VW7	59	70	AcD3-TVINQTQKENLR-COOH	ARVL↓TVIN	4	0.45525/0.48178	99/46	60S ribosomal protein L35
O55142	28	36	AcD3-LKIEGVYAR-COOH	HTAL↓LKIE	2	0.39539	59/45	60S ribosomal protein L35a
O55142	50	68	AcD3-VYKANNVTPGGKPNKTR-COOH	RCAY↓VYKA	1	0.381	44/43	60S ribosomal protein L35a
Q9D8E6	326	336	AcD3-LKLNPKYAKTMR-COOH	LRIM↓LKLN	2	0.39633	59/45	60S ribosomal protein L4
P47962	145	152	AcD3-YLDAGLAR-COOH	AFTC↓YLDA	1	0.48112	65/47	60S ribosomal protein L5
P47911	98	113	AcD3-ATVTKTGGBDKNGTR-COOH	EKVL↓ATVT	2	0.43202	98/47	60S ribosomal protein L6
P47911	181	191	AcD3-LLVTGPLVINR-COOH	DSGL↓LLVT	2	0.4263/0.6003	55/37	60S ribosomal protein L6
P47911	182	191	AcD3-LVTGPLVINR-COOH	SGLL↓LVTG	1	0.39714	50/40	60S ribosomal protein L6
P47911	183	191	AcD3-VTGPLVINR-COOH	GILL↓VTGP	3	0.39214/0.40911	53/42	60S ribosomal protein L6
P47911	242	254	AcD3-DTEKEVYETEQR-COOH	GEIF↓DTEK	1	0.44709	63/48	60S ribosomal protein L6
P47911	264	280	AcD3-QILPKIKAVPQLQGYLR-COOH	AVDL↓QILP	1	0.35779	71/35	60S ribosomal protein L6
P12970	205	223	AcD3-TQVNSDEKAGALAKVEAIR-COOH	TVAF↓TQVN	2	0.48123/0.43016	65/44	60S ribosomal protein L7a
P51410	45	54	AcD3-LSLLGKKKR-COOH	INVE↓LSLL	2	0.39642	47/27	60S ribosomal protein L9
P51410	46	54	AcD3-SLLGKKKR-COOH	NVEL↓SLLG	3	0.43333/0.34462	54/30	60S ribosomal protein L9
P51410	151	173	AcD3-IELVNSAALIQQATTVKNKDIR-COOH	EGND↓IELV	1	0.37656	65/42	60S ribosomal protein L9
P51410	154	173	AcD3-VSNSAALIQQATTVKNKDIR-COOH	DIEL↓VSNL	6	0.39418/0.42996/0.41948/0.48589	102/44	60S ribosomal protein L9
P51410	161	173	AcD3-IQQATTVKNKDIR-COOH	SAAL↓IQQA	3	0.41496/0.37651	88/44	60S ribosomal protein L9
Q9WUA3	359	373	AcD3-CVQMTQDVQKAMDER-COOH	PLME↓CVQM	2	0.56314	103/44	6-phosphofructokinase type C
Q9WUA3	360	373	AcD3-VQMTQDVQKAMDER-COOH	LMEC↓VQMT	10	0.44792/0.4778/0.46847/0.37151	97/46	6-phosphofructokinase type C

Q9WUA3	362	373	AcD3-MTQDVQKAMDER-COOH	ECVQ↓MTQD	2	0.57075	70/45	6-phosphofructokinase type C	
P12382	538	554	AcD3-SLGSDTAVNAAMESCDR-COOH	GTDF↓SLGS	1	0.61543	94/42	6-phosphofructokinase, liver type	
P12382	701	713	AcD3-ANAPDSACVIGLR-COOH	GRVF↓ANAP	2	0.52283	65/48	6-phosphofructokinase, liver type	
Q9DCD0	43	69	AcD3-LANEAKGTVVGAQSLKDMVSKLKKPR-COOH	VDDF↓LANE	1	0.42701	41/37	6-phosphogluconate dehydrogenase, decarboxylating	
Q9DCD0	62	69	AcD3-VSKLKKPR-COOH	LKDM↓VSKL	2	0.47889	49/34	6-phosphogluconate dehydrogenase, decarboxylating	
Q9DCD0	97	107	AcD3-IIDGMSSEYR-COOH	DTGD↓IID	1	0.45764	79/47	6-phosphogluconate dehydrogenase, decarboxylating	
Q9DCD0	123	136	AcD3-FVGSVSGGEEGAR-COOH	KGIL↓FVGS	2	0.49645	70/47	6-phosphogluconate dehydrogenase, decarboxylating	
Q9DCD0	281	288	AcD3-IGEAVFAR-COOH	PVTL↓IGEA	2	0.47906	61/47	6-phosphogluconate dehydrogenase, decarboxylating	
Q9CQ60	202	214	AcD3-VATGEGKAAVLKR-COOH	SLIF↓VATG	3	0.48252/0.54238	68/43	6-phosphogluconolactonase	
P20029	67	75	AcD3-VAFTPEGER-COOH	TPSY↓VAFT	1	0.48648	69/47	78 kDa glucose-regulated protein	
P20029	268	280	AcD3-IKLYKKTKGDVVR-COOH	MEHF↓IKLY	4	0.56395/0.50371	93/33	78 kDa glucose-regulated protein	
P20029	314	325	AcD3-FEGEDFSETLVR-COOH	IESF↓FEGE	1	0.45405	75/46	78 kDa glucose-regulated protein	
P20029	550	559	AcD3-AEEDKLLKER-COOH	AEKF↓AEED	2	0.47208	56/47	78 kDa glucose-regulated protein	
Q8QZT1	146	162	AcD3-VAGGMESMSNPVYVMSR-COOH	QDVM↓VAGG	1	0.7455	60/43	Acetyl-CoA acetyltransferase, mitochondrial	
Q8QZT1	291	300	AcD3-VLMTAEAAQR-COOH	AAAL↓VLMT	4	0.67767/0.68604	66/47	Acetyl-CoA acetyltransferase, mitochondrial	
Q35381	121	132	AcD3-FNCEVTNLINAYR-COOH	SIDL↓FNCE	2	0.53453	65/45	Acidic leucine-rich nuclear phosphoprotein 32 family member A	
Q9E5T5	121	128	AcD3-FGCEVTNR-COOH	SIDL↓FGCE	1	0.51173	50/46	Acidic leucine-rich nuclear phosphoprotein 32 family member B	
Q99KIO	48	56	AcD3-LEKNINIVR-COOH	RYDL↓LEKN	3	0.52982	52/43	Aconitate hydratase, mitochondrial	
Q99KIO	49	56	AcD3-EKNINIVR-COOH	YDLL↓EKNI	1	0.59873	51/44	Aconitate hydratase, mitochondrial	
Q99KIO	66	84	AcD3-SEKIVGHLLDPPANQEIQR-COOH	PLTL↓SEKI	3	0.49339/0.504	111/47	Aconitate hydratase, mitochondrial	
Q99KIO	132	141	AcD3-AQVGGKDLR-COOH	HLIE↓AQVG	2	0.52051	65/47	Aconitate hydratase, mitochondrial	
Q99KIO	621	633	AcD3-AINIENKANSVR-COOH	LLIG↓AINI	2	0.58962	84/47	Aconitate hydratase, mitochondrial	
P60710	5	28	AcD3-IAALVVDNGSGMCKAGFAGDDAPR-COOH	MDDD↓IAAL	1	0.69612	51/47	Actin, cytoplasmic 1	
P60710	7	28	AcD3-ALVVDNGSGMCKAGFAGDDAPR-COOH	DDIA↓ALVV	1	0.46735	79/45	Actin, cytoplasmic 1	
P60710	8	28	AcD3-LVVDNGSGMCKAGFAGDDAPR-COOH	DIAA↓LVVD	72	0.46616/0.49005/0.52394/0.51412/0.46655/0.49343/0.46777/0.49905/0.49937/0.50686/0.50403/0.56316/0.48132/0.56838/0.45552	124/45	Actin, cytoplasmic 1	
P60710	9	28	AcD3-VVDNGSGMCKAGFAGDDAPR-COOH	IAAL↓VVDN	25	0.54994/0.41808/0.51933/0.50011/0.50011/0.48178/0.52377/0.5259/0.50062/0.52097/0.46767/0.56942/0.48139/0.559	95/43	Actin, cytoplasmic 1	
P60710	45	62	AcD3-VGMGQKQSVYVDEAQSQR-COOH	QGVM↓VGMG	2	0.74207	98/46	Actin, cytoplasmic 1	P62737 (47-64), P63260 (45-62), P63268 (46-63), P68033 (47-64), P68134 (47-64)
P60710	54	62	AcD3-VGDEAQSQR-COOH	KDSY↓VGDE	2	0.55011/0.50992	60/47	Actin, cytoplasmic 1	P62737 (56-64), P63260 (54-62), P63268 (55-63), P68033 (56-64), P68134 (56-64), Q8BF23 (55-63)
P60710	140	147	AcD3-LSLYASGR-COOH	IQAV↓LSLY	4	0.71974/0.73503/0.71079	76/47	Actin, cytoplasmic 1	P62737 (142-149), P63260 (140-147), P63268 (141-148), P68033 (142-149), P68134 (142-149), Q8BF23 (141-148)
P60710	190	196	AcD3-MKILTER-COOH	TDYL↓MKIL	1	0.61154	66/46	Actin, cytoplasmic 1	P62737 (192-198), P63260 (190-196), P63268 (191-197), P68033 (192-198), P68134 (192-198), Q8BF23 (191-197)
P60710	280	290	AcD3-NSIMKCDVDIR-COOH	ETTF↓NSIM	5	0.54278/0.57677/0.57011	58/47	Actin, cytoplasmic 1	P63260 (280-290), Q8BF23 (281-291)
P60710	294	312	AcD3-YANTVLSGGTTMPYGIADR-COOH	RKDL↓YANT	23	0.41583/0.53374/0.46953/0.44477/0.48859/0.54949/0.47862/0.43169/0.48746/0.44507/0.48126	121/47	Actin, cytoplasmic 1	P63260 (294-312)
P60710	297	312	AcD3-TVLSGGTTMPYGIADR-COOH	LYAN↓TVLS	2	0.69458	119/47	Actin, cytoplasmic 1	P63260 (297-312)
P60710	298	312	AcD3-VLSGGTTMPYGIADR-COOH	YANT↓VLSG	2	0.48684	67/47	Actin, cytoplasmic 1	P62737 (300-314), P63260 (298-312), P63268 (299-313), P68033 (300-314)
P60710	300	312	AcD3-SGGTTMPYGIADR-COOH	NTVL↓SGGT	3	0.7736/0.79715	77/45	Actin, cytoplasmic 1	P62737 (302-314), P63260 (300-312), P63268 (301-313), P68033 (302-314), P68134 (302-314)
P60710	357	372	AcD3-ISKQEYDESPSIVHR-COOH	QQMW↓ISKQ	1	0.72155	90/47	Actin, cytoplasmic 1	P63260 (357-372)
P63260	5	28	AcD3-IAALVIDNGSGMCKAGFAGDDAPR-COOH	MEEE↓IAAL	3	0.43713/0.47818	92/46	Actin, cytoplasmic 2	
P63260	7	28	AcD3-ALVIDNGSGMCKAGFAGDDAPR-COOH	EElA↓ALVI	4	0.483/0.46624/0.49607	110/45	Actin, cytoplasmic 2	
P63260	8	28	AcD3-LVIDNGSGMCKAGFAGDDAPR-COOH	EIAA↓LVID	9	0.46663/0.47533/0.4876	105/45	Actin, cytoplasmic 2	
P63260	9	28	AcD3-VIDNGSGMCKAGFAGDDAPR-COOH	IAAL↓VIDN	9	0.55943/0.4869/0.49886/0.47703/0.49243/0.51238	86/44	Actin, cytoplasmic 2	
P63260	105	116	AcD3-LTEAPLNPKANR-COOH	HPVL↓LTEA	57	0.49143/0.50235/0.50051/0.50992/0.48862/0.42975/0.46959/0.48899/0.46723	94/46	Actin, cytoplasmic 2	P60710 (105-116), P62737 (107-118), P63268 (106-117), P68033 (107-118), P68134 (107-118)

P63260	137	147	AcD3-QAVLSLYASGR-COOH	YVAI↓QAVL	3	0.73398		75/47	Actin, cytoplasmic 2	P60710 (137-147), P62737 (139-149), P63268 (138-148), P68033 (139-149), P68134 (139-149), Q8BF23 (138-148)
P61161	55	65	AcD3-LMVGDEASELR-COOH	EIKD↓LMVG	3	0.43835/0.49659		70/47	Actin-related protein 2	
P61161	56	65	AcD3-MVGDSEASELR-COOH	IKDL↓MVG	1	0.41417		63/46	Actin-related protein 2	
P61161	69	80	AcD3-EVNYPMENGIVR-COOH	RSML↓EVNY	1	0.53753		54/47	Actin-related protein 2	
P61161	109	120	AcD3-LTEPPMNPPTKNR-COOH	CKIL↓LTEP	1	0.49838		58/48	Actin-related protein 2	
Q9ROQ6	157	167	AcD3-LAAGSCDFKCR-COOH	NNVL↓LAAG	2	0.53226		58/45	Actin-related protein 2/3 complex subunit 1A	Q9WV32 (157-167)
Q9JM76	55	66	AcD3-FKNEYKNEADR-COOH	ANVF↓FKNY	2	0.63281		76/48	Actin-related protein 2/3 complex subunit 3	
P59999	20	32	AcD3-LCLENFSSQVVER-COOH	LQAA↓LCLE	1	0.55698		72/47	Actin-related protein 2/3 complex subunit 4	
P59999	23	32	AcD3-ENFSSQVVER-COOH	ALCL↓ENFS	4	0.50977/0.55488		77/47	Actin-related protein 2/3 complex subunit 4	
P59999	25	32	AcD3-FSSQVVER-COOH	CLEN↓FSSQ	1	0.68488		62/47	Actin-related protein 2/3 complex subunit 4	
P59999	47	55	AcD3-LLQPVITSR-COOH	SKEL↓LLQP	4	0.48666/0.46605/0.38962		57/41	Actin-related protein 2/3 complex subunit 4	
P59999	63	71	AcD3-IEGSINSVR-COOH	EKVL↓IEGS	2	0.47378		76/46	Actin-related protein 2/3 complex subunit 4	
Q9CPW4	25	47	AcD3-VDEEDGGDQAGPDEGEVDSCLR-COOH	ENKF↓VDEE	1	0.50065		109/37	Actin-related protein 2/3 complex subunit 5	
Q9CPW4	54	74	AcD3-ALQAAALKNPINTKSQAVKDR-COOH	NMTA↓ALQA	1	0.43996		57/41	Actin-related protein 2/3 complex subunit 5	
Q9CPW4	58	74	AcD3-ALKNPINTKSQAVKDR-COOH	ALQA↓ALKN	4	0.48153/0.48394/0.48436		87/42	Actin-related protein 2/3 complex subunit 5	
Q9CPW4	60	74	AcD3-KNPPINTKSQAVKDR-COOH	QAAL↓KNPP	2	0.47557		94/44	Actin-related protein 2/3 complex subunit 5	
Q9CPW4	134	143	AcD3-AAGGVGSIVR-COOH	EKAL↓AAGG	2	0.54598		82/45	Actin-related protein 2/3 complex subunit 5	
Q99Y9	35	49	AcD3-IAIKESAKVGDQAQR-COOH	IPSC↓IAIK	4	0.49919/0.49463		86/45	Actin-related protein 3	
Q99Y9	37	49	AcD3-IKESAKVGDQAQR-COOH	SCIA↓IKES	7	0.49523/0.51885/0.46845		88/47	Actin-related protein 3	
Q99Y9	222	230	AcD3-ETAKAVKER-COOH	EQSL↓ETAK	2	0.53183		77/46	Actin-related protein 3	
Q99Y9	299	312	AcD3-VVDEVIQNCIPDIVR-COOH	PISE↓VVDE	1	0.46107		71/48	Actin-related protein 3	
Q99Y9	319	329	AcD3-IVLSGGSTMFR-COOH	LYKN↓IVLS	4	0.53868/0.47055		105/48	Actin-related protein 3	
Q99Y9	391	409	AcD3-YQVCHTKKDYEEIGPSICR-COOH	TFEF↓YQVC	1	0.44651		54/47	Actin-related protein 3	
P31786	7	15	AcD3-DKAAAEVKR-COOH	QAEF↓DKAA	1	0.51871		52/47	Acyl-CoA-binding protein	
Q9D1J1	68	89	AcD3-FAQAPVDQPGTAVESVTDSSR-COOH	SGEL↓FAQA	1	0.53802		67/47	Adaptin ear-binding coat-associated protein 2	
Q9WTP6	129	137	AcD3-SIQDSLIR-COOH	VIEF↓SIQD	4	0.45561/0.45062		65/46	Adenylate kinase 2, mitochondrial	
P54822	388	396	AcD3-AMVKAAGSR-COOH	NJIM↓AMVK	4	0.39401/0.38869		64/47	Adenylosuccinate lyase	
P28650	53	62	AcD3-LATDADIVSR-COOH	VVDL↓LATD	4	0.55692/0.54726		97/48	Adenylosuccinate synthetase isozyme 1	
P46664	50	59	AcD3-LAQDADIVCR-COOH	VVDL↓LAQD	1	0.53868		54/47	Adenylosuccinate synthetase isozyme 2	
P40124	387	394	AcD3-IVEIINSR-COOH	DVVG↓IVEI	3	0.53978/0.50608		57/45	Adenylyl cyclase-associated protein 1	
Q9JKX6	35	43	AcD3-YMDPTGKTR-COOH	EKTT↓YMDP	1	0.53036		53/46	ADP-sugar pyrophosphatase	
Q9JII6	47	72	AcD3-ASVYGNTEIGEALKEVSGSKAVPR-COOH	HIDC↓ASVY	3	0.56159/0.57455		80/47	Alcohol dehydrogenase [NADP+]	
Q9JII6	229	243	AcD3-LEPVLALAEKHKGR-COOH	EPVL↓LEEP	4	0.52222/0.60061		85/44	Alcohol dehydrogenase [NADP+]	
Q9JII6	236	243	AcD3-ALAEKHKGR-COOH	PVVL↓ALAE	1	0.59522		48/46	Alcohol dehydrogenase [NADP+]	
Q57119	558	567	AcD3-VAEGGAKDIR-COOH	VSSY↓VAEG	2	0.49118		83/47	Aldehyde dehydrogenase family 16 member A1	
P47738	69	86	AcD3-QVAEKNKEDVDKAVKAAR-COOH	EVIC↓QVAE	1	0.64135		80/47	Aldehyde dehydrogenase, mitochondrial	
P47738	70	86	AcD3-VAEKNKEDVDKAVKAAR-COOH	VICQ↓VAEG	2	0.64644		69/46	Aldehyde dehydrogenase, mitochondrial	
P47738	272	283	AcD3-IQVAAGSSNLKR-COOH	VGHL↓IQVA	1	0.49519		46/46	Aldehyde dehydrogenase, mitochondrial	
P45376	259	269	AcD3-VVIPKSVTPVR-COOH	QRNL↓VVIP	2	0.43795/0.51674		48/39	Aldose reductase	
P45376	280	294	AcD3-EVSSEDMATLSYNR-COOH	VFDF↓EVSS	2	0.53594		95/45	Aldose reductase	
Q7TPR4	555	565	AcD3-KATLPDADKER-COOH	HEQF↓KATL	1	0.43282		51/47	Alpha-actinin-1	
O88990	352	359	AcD3-NLQTKLR-COOH	EINF↓NLQ	4	0.4835/0.43493		68/44	Alpha-actinin-3	P57780 (359-366), Q7TPR4 (339-346), Q9JII6 (346-353)
P57780	272	281	AcD3-AQKAETAANR-COOH	AFSG↓AQKA	2	0.52821		70/48	Alpha-actinin-4	Q7TPR4 (252-261)
P57780	355	366	AcD3-EINFNTLQTKLR-COOH	KCQL↓EINF	1	0.44529		49/45	Alpha-actinin-4	O88990 (348-359), Q7TPR4 (335-346), Q9JII6 (342-353)
P61164	212	220	AcD3-EIVKAIKER-COOH	SSEF↓EIVK	1	0.35428		40/40	Alpha-centractin	
P61164	298	313	AcD3-IVLSGGSTLKFQGGDR-COOH	LFSN↓IVLS	1	0.53777		48/46	Alpha-centractin	Q8R5C5 (298-313)
P17182	22	32	AcD3-VDLYTAGLFR-COOH	PTVE↓VDLY	10	0.49323/0.49369/0.48971/0.50009		89/45	Alpha-enolase	P17183 (22-32)
P17182	24	32	AcD3-LYTAKGLFR-COOH	VEVD↓LYTA	1	0.52559		73/45	Alpha-enolase	P17183 (24-32)
P17182	25	32	AcD3-YTAKGLFR-COOH	EVDL↓YTAK	14	0.48559/0.4815/0.49854		71/45	Alpha-enolase	P17183 (25-32)
P17182	43	50	AcD3-IYEALER-COOH	ASTG↓IYEA	1	0.42549		47/46	Alpha-enolase	P17183 (43-50), P21550 (43-50)
P17182	114	132	AcD3-VSLAVCKAGAVEKGVPLR-COOH	AILG↓VSLA	2	0.74253/0.6344		64/44	Alpha-enolase	
P17182	117	132	AcD3-AVCKAGAVEKGVPLR-COOH	GVSL↓AVCK	40	0.46751/0.45224/0.49505/0.44347/0.43109/0.52483/0.4758/0.49689/0.4812/0.42481		101/45	Alpha-enolase	
P17182	118	132	AcD3-VCKAGAVEKGVPLR-COOH	VSLA↓VCKA	3	0.6054/0.55185		82/46	Alpha-enolase	
P17182	168	179	AcD3-FMILPVGASSFR-COOH	AMQE↓FMIL	2	0.44158		74/47	Alpha-enolase	
P17182	169	179	AcD3-MILPVGASSFR-COOH	MQEF↓MILP	3	0.4625/0.45986		62/47	Alpha-enolase	
P17182	172	179	AcD3-PVGASSFR-COOH	FMIL↓PVG	2	0.49543		65/47	Alpha-enolase	
P17182	240	253	AcD3-VVIGMDVAASEFYR-COOH	YTDQ↓VVIG	2	0.45235/0.43375		102/48	Alpha-enolase	P21550 (240-253)
P17182	244	253	AcD3-MDVAASEFYR-COOH	VVIG↓MDVA	2	0.74388		74/44	Alpha-enolase	P17183 (244-253), P21550 (244-253)
P17182	313	327	AcD3-IQVVGDITVTNPKR-COOH	ASAG↓IQVV	2	0.49719		92/46	Alpha-enolase	

P17182	320	327	AcD3-LTVNPKR-COOH	VGDD↓LTVT	2	0.50678/0.50259	54/43	Alpha-enolase	P17183 (320-327), P21550 (320-327)
P17182	381	400	AcD3-IADLVVGLCTGQIKTGAPCR-COOH	EDTF↓IADL	2	0.43585/0.47727	64/47	Alpha-enolase	P17183 (381-400), P21550 (381-400)
P17182	384	400	AcD3-LVVLCTGQIKTGAPCR-COOH	FIAD↓LVVG	3	0.47918/0.54778	66/47	Alpha-enolase	P17183 (384-400), P21550 (384-400)
P17182	385	400	AcD3-VVGLCTGQIKTGAPCR-COOH	IADL↓VVGL	2	0.47194	59/47	Alpha-enolase	P17183 (385-400), P21550 (385-400)
P17182	389	400	AcD3-CTGQIKTGAPCR-COOH	VVGL↓CTGQ	2	0.4952/0.48151	73/47	Alpha-enolase	P17183 (389-400), P21550 (389-400)
P17182	415	426	AcD3-EELGSKAKFAGR-COOH	LRIE↓EELG	2	0.68565	69/46	Alpha-enolase	
P17182	418	426	AcD3-GSKAKFAGR-COOH	EEEL↓GSKA	5	0.51144/0.47771	60/46	Alpha-enolase	
Q9EPC1	30	39	AcD3-LGKLGTLAR-COOH	DDSF↓LGKL	2	0.66827	63/40	Alpha-parvin	Q9E546 (23-32)
P31230	177	185	AcD3-VDVGEAAPR-COOH	YVEE↓VDVG	2	0.41902	71/47	Aminoacyl tRNA synthetase complex-interacting multifunctional protein 1	
P59672	475	489	AcD3-LLTAETKILGTTDGR-COOH	PVEL↓LLTA	2	0.7072	60/45	Ankyrin repeat and SAM domain-containing protein 1A	
P10107	4	12	AcD3-VSEFLKQAR-COOH	MAM↓VSEF	1	0.63765	63/46	Annexin A1	
P10107	63	72	AcD3-ATIIDILTKR-COOH	GVDE↓ATII	2	0.57649/0.52328	84/38	Annexin A1	
P10107	110	124	AcD3-AMLKTPAQFADDELRCOOH	EVVL↓AMLK	1	0.65272	72/48	Annexin A1	
P10107	112	124	AcD3-LKTPAQFADDELRCOOH	VLAM↓LKTP	3	0.64144/0.45643	77/48	Annexin A1	
P10107	138	144	AcD3-IEILTR-COOH	EDTL↓IEIL	3	0.64367/0.56449	66/42	Annexin A1	O35639 (114-120)
P10107	181	188	AcD3-LALAKGR-COOH	RKAL↓LALA	6	0.57929/0.54928	81/45	Annexin A1	
P10107	193	204	AcD3-SVNDQLADTDAR-COOH	CODL↓SVNQ	6	0.72538/0.60815/0.58279	92/47	Annexin A1	
P10107	222	228	AcD3-TTILTSR-COOH	VNVF↓TTIL	2	0.54285	70/45	Annexin A1	
P10107	278	292	AcD3-FAEKLYEAMKAGTR-COOH	TPAF↓FAEK	5	0.6426/0.62111	95/48	Annexin A1	
P10107	283	292	AcD3-YEAMKAGTR-COOH	AEKL↓YEAM	4	0.44639/0.6636	67/47	Annexin A1	
P07356	41	63	AcD3-NIETAVTKGVDEVITVNLNRCOOH	RDAL↓NIET	1	0.48159	63/42	Annexin A2	
P07356	45	63	AcD3-AVTKGVDEVITVNLNRCOOH	NIET↓AVKT	1	0.57087	53/41	Annexin A2	
P07356	54	63	AcD3-VTIVNLNRCOOH	GVDE↓VTIV	5	0.52785/0.55071/0.48752	95/43	Annexin A2	
P07356	56	63	AcD3-IVNLTNR-COOH	DEVT↓IVNI	3	0.51032/0.54268	72/42	Annexin A2	
P07356	172	178	AcD3-VALAKGR-COOH	RKLM↓VALA	2	0.60681	50/41	Annexin A2	
O35639	42	48	AcD3-INILTR-COOH	EKTL↓INIL	3	0.59805/0.55984/0.5547	52/46	Annexin A3	
O35639	300	312	AcD3-YSAIQSDTSGDYR-COOH	GYSL↓YSAI	1	0.68046	81/45	Annexin A3	
P97429	110	116	AcD3-IEILASR-COOH	EGCL↓IEIL	2	0.64116	69/45	Annexin A4	O35640 (117-123), P14824 (116-122), Q9QZ10 (113-119)
P97429	299	308	AcD3-IKGDTSQDYR-COOH	LYSF↓IKGD	1	0.7082	53/47	Annexin A4	
P48036	109	115	AcD3-TEIASR-COOH	EKVL↓TEII	1	0.5678	64/44	Annexin A5	
P48036	136	149	AcD3-EDDVVGGTSGYYQR-COOH	GSNL↓EDDV	1	0.51155	59/43	Annexin A5	
P14824	609	624	AcD3-YKSMKAGTDEKTLTR-COOH	ADKL↓YKSM	3	0.63613/0.70904	95/47	Annexin A6	
Q07076	183	190	AcD3-IVDVVSNR-COOH	DEQA↓IVDV	2	0.54395	61/46	Annexin A7	
Q9DBG3	18	30	AcD3-LKAEILNEKKEKR-COOH	EIFE↓LKAEL	1	0.67898	89/43	AP-2 complex subunit beta	
Q9DBG3	19	30	AcD3-KAEILNEKKEKR-COOH	IFEL↓KAEI	2	0.54305	103/44	AP-2 complex subunit beta	
Q8VB16	895	913	AcD3-EETPELSATKPEGTPVPPAR-COOH	SLQL↓EETP	2	0.56509	105/48	Apolipoprotein B-100 receptor	
O35841	33	43	AcD3-DGVKGGTKEKR-COOH	QVIL↓DGVK	2	0.64026	61/46	Apoptosis inhibitor 5	
Q9EPB4	132	148	AcD3-DALHGSVLTGEGYQAVR-COOH	DGVL↓DALH	1	0.57539	63/47	Apoptosis-associated speck-like protein containing a CARD	
Q9EPB4	140	148	AcD3-TEGQYQAVR-COOH	GSVL↓TEGQ	2	0.57134	62/47	Apoptosis-associated speck-like protein containing a CARD	
Q8K2K6	48	57	AcD3-VCTCSGSLR-COOH	VGSE↓VCTS	2	0.5761	56/44	Arf-GAP domain and FG repeats-containing protein 1	
Q8K2K6	174	186	AcD3-NKGTSPSQPVVGR-COOH	ALHL↓NKGT	1	0.7063	65/47	Arf-GAP domain and FG repeats-containing protein 1	
Q80WC7	135	143	AcD3-LQEKYEKKR-COOH	VKEF↓LQEK	2	0.63123	64/44	Arf-GAP domain and FG repeats-containing protein 2	Q8K2K6 (117-125)
Q8K2H4	722	732	AcD3-MASDDPEKLSR-COOH	DFSL↓MASD	1	0.6175	58/47	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1	
Q61176	9	21	AcD3-EIIGAPFSKQPR-COOH	PKSL↓EIIG	5	0.59262/0.60698/0.59052	81/46	Arginase-1	
Q61176	55	71	AcD3-FVDVPNDSFQVKNPR-COOH	GDLA↓FVDV	1	0.66857	59/47	Arginase-1	
Q61176	56	71	AcD3-VDVPNDSSFQVKNPR-COOH	DIAF↓VDVP	25	0.5887/0.65322/0.64472/0.66937/0.61932/0.61432/0.64961	79/47	Arginase-1	
Q61176	81	92	AcD3-AGVVAEVQKNGR-COOH	NEEL↓AGVV	2	0.73053	95/47	Arginase-1	
Q61176	302	308	AcD3-ACFGTQR-COOH	ALTL↓ACFG	1	0.69483	48/45	Arginase-1	
P16460	224	244	AcD3-EIEFKKGPVVKVTNIKDGTTTR-COOH	PDVL↓EIEF	1	0.42759	55/41	Argininosuccinate synthase	
P16460	225	244	AcD3-IEFKKGPVVKVTNIKDGTTTR-COOH	DVLE↓IEFK	1	0.38941	48/39	Argininosuccinate synthase	
Q8BPA7	57	65	AcD3-VOSQKENER-COOH	PTIY↓VDSQ	2	0.59775	73/47	Asparaginyl-tRNA synthetase, cytoplasmic	
Q922B2	34	43	AcD3-MIQSQEKPPDR-COOH	GISS↓MIQS	1	0.46369	56/47	Aspartyl-tRNA synthetase, cytoplasmic	
Q922B2	35	43	AcD3-IQSQEKPPDR-COOH	ISSM↓IQSQ	2	0.48177	50/47	Aspartyl-tRNA synthetase, cytoplasmic	
Q9CVD2	341	353	AcD3-SLETAKDNLKAER-COOH	AVTM↓SLET	1	0.71646	64/47	Ataxin-3	
Q91V92	21	28	AcD3-TTSAIQNR-COOH	KYIC↓TTSA	1	0.50725	51/48	ATP-citrate synthase	
Q91V92	52	65	AcD3-SQSLVVKPDQLIKR-COOH	PWLL↓SQSL	1	0.67029	48/41	ATP-citrate synthase	
Q91V92	56	65	AcD3-VVKPDQLIKR-COOH	SQSL↓VVKP	4	0.60672	57/37	ATP-citrate synthase	
Q91V92	438	452	AcD3-LLNASGSTSTPAPSR-COOH	TANF↓LLNA	1	0.47434	51/48	ATP-citrate synthase	
Q91V92	439	452	AcD3-LNASGSTSTPAPSR-COOH	ANFL↓LNAS	2	0.60881	75/47	ATP-citrate synthase	
Q91V92	584	597	AcD3-IAIIAEGIPALTR-COOH	QIRT↓IAII	1	0.62194	68/44	ATP-citrate synthase	

Q91V92	586	597	AcD3-IAEIGPEALTR-COOH	RTIA↓IAIE	2	0.60643	68/45	ATP-citrate synthase	
Q61655	70	81	AcD3-VDNTNQVEVLQR-COOH	RSNL↓VDNT	2	0.55617	63/48	ATP-dependent RNA helicase DDX19A	
Q922H5	856	863	AcD3-VTKAVYVR-COOH	PDML↓VTKA	1	0.56764	46/42	Band 4.1-like protein 1	
O70318	760	773	AcD3-LEEPGQGAQVVER-COOH	CDEE↓LEEE	2	0.61603/0.63656	54/48	Band 4.1-like protein 2	
O70318	761	773	AcD3-EEEPGQGAQVVER-COOH	DEEL↓EEEP	4	0.63724/0.65185	107/48	Band 4.1-like protein 2	
O70318	861	869	AcD3-VTISDASQR-COOH	KTEM↓VTIS	2	0.6892	56/48	Band 4.1-like protein 2	
O54962	11	33	AcD3-VAEPMGKPVGLAGIDVLSKR-COOH	HRDF↓VAEP	2	0.45682	61/46	Barrier-to-autointegration factor	
O88597	98	112	AcD3-IGEASDGGTMENLSR-COOH	SFTL↓IGEA	1	0.61531	80/45	Beclin-1	
Q8BWG8	40	51	AcD3-VLVDPPEYLKER-COOH	PVDG↓VVLV	1	0.5626	49/45	Beta-arrestin-1	
Q99KR3	233	242	AcD3-EKSFVTLR-COOH	RDNF↓EKSF	1	0.68434	64/47	Beta-lactamase-like protein 2	
Q8CGC7	154	161	AcD3-LEAQAFR-COOH	WFGF↓LEAQ	1	0.38155	65/47	Bifunctional aminoacyl-tRNA synthetase	
Q9DBL7	10	21	AcD3-VLTPLATLAAR-COOH	SGLL↓VLTT	1	0.61061	41/40	Bifunctional coenzyme A synthase	
Q9CWJ9	9	22	AcD3-FSVSDKTGLVEFAR-COOH	QLAL↓FSVS	1	0.44746	90/47	Bifunctional purine biosynthesis protein PURH	
Q9CWJ9	32	42	AcD3-VASGGTAKAIR-COOH	GLSL↓VASG	4	0.38421/0.45183	100/45	Bifunctional purine biosynthesis protein PURH	
Q9CWJ9	319	335	AcD3-VALSDICDVPTAKIISR-COOH	GFDF↓VALS	1	0.41575	81/46	Bifunctional purine biosynthesis protein PURH	
Q9CWJ9	475	484	AcD3-SMKFKAGYKR-COOH	PRVL↓SMKF	4	0.46281/0.46025	61/44	Bifunctional purine biosynthesis protein PURH	
Q9CY64	36	44	AcD3-LNLIGYYSR-COOH	SSAF↓LNL	2	0.52161	56/46	Biliverdin reductase A	
Q9CY64	258	276	AcD3-IQKLLGQVSAEDLAAEKKR-COOH	QDIF↓IQKL	2	0.60349/0.52437	88/41	Biliverdin reductase A	
Q8BGS2	23	30	AcD3-VEDTLLNR-COOH	EHVE↓VEDT	1	0.51549	53/47	BoA-like protein 2	
Q8BGS2	39	52	AcD3-VVASFKFEGKPLLQR-COOH	FRVL↓VVSA	5	0.60694/0.71103/0.66911	65/42	BoA-like protein 2	
O35855	103	117	AcD3-FEGLKAYKGGDQQRV-COOH	SLQL↓FEGL	2	0.44262	86/47	Branched-chain-amino-acid aminotransferase, mitochondrial	
Q6VWG3	38	48	AcD3-LNVGGQVYTR-COOH	DIVE↓LNVG	1	0.76582	51/46	BTB/POZ domain-containing protein KCTD12	
Q922D8	156	166	AcD3-IKEAGVQIAGR-COOH	CLEL↓IKEA	1	0.38546	51/45	C-1-tetrahydrofolate synthase, cytoplasmic	
Q922D8	731	739	AcD3-VEKGF5NLR-COOH	DLDL↓VEKG	1	0.38544	65/47	C-1-tetrahydrofolate synthase, cytoplasmic	
P11798	16	28	AcD3-FEELGKGFVVR-COOH	EYQL↓FEEL	2	0.61786	80/47	Calcium/calmodulin-dependent protein kinase type II alpha chain	Q6PHZ2 (17-29), Q923T9 (17-29)
P11798	40	52	AcD3-AAKIINTKLSAR-COOH	GQEQ↓AAKI	2	0.72834	66/34	Calcium/calmodulin-dependent protein kinase type II alpha chain	P28652 (41-53), Q6PHZ2 (41-53), Q923T9 (41-53)
P28652	253	260	AcD3-LTINPAKR-COOH	INQM↓LTIN	1	0.53218	42/41	Calcium/calmodulin-dependent protein kinase type II beta chain	Q6PHZ2 (253-260), Q923T9 (253-260)
P62204	21	38	AcD3-DKDGDTTITKELGTVMR-COOH	FSLF↓DKDG	1	0.67002	62/48	Calmodulin	
P62204	94	107	AcD3-DKDGNGYISAELR-COOH	FRVF↓DKDG	1	0.60501	73/47	Calmodulin	
O35350	6	22	AcD3-ITPVCTGVSQAQVQKR-COOH	TEEL↓ITPV	2	0.55097/0.54802	67/45	Calpain-1 catalytic subunit	
P51125	365	381	AcD3-VINDQALQALSDSLGTR-COOH	VEEE↓VIND	2	0.57026	77/47	Calpastatin	
P51125	449	458	AcD3-IGELSAQDFDR-COOH	ESEL↓IGEL	4	0.60272/0.60928	82/47	Calpastatin	
P51125	512	522	AcD3-VETLAGSLGTR-COOH	PEDA↓VETL	3	0.59768/0.56481	83/46	Calpastatin	
P14211	50	73	AcD3-VLSSGKFGDLEKDKLQTSQDAR-COOH	FGKF↓VLSS	1	0.50161	74/47	Calreticulin	
P14211	52	73	AcD3-SSGKFGYKDGKDKLQTSQDAR-COOH	KFVL↓SSGK	6	0.57331/0.7315/0.7314/0.69501	121/47	Calreticulin	
O35887	53	72	AcD3-LGAEFAKFDLTPPEESKER-COOH	HDAF↓LGAE	1	0.52286	54/47	Calumenin	
O35887	297	311	AcD3-FVGSQATDFGEALVR-COOH	KYDL↓FVGS	4	0.70941/0.79806	120/47	Calumenin	
O35887	298	311	AcD3-VGSQATDFGEALVR-COOH	YDLF↓VGSQ	2	0.78543	70/48	Calumenin	
Q9DBC7	106	115	AcD3-TEEDAASVVR-COOH	AEVY↓TEED	1	0.59585	50/46	cAMP-dependent protein kinase type I-alpha regulatory subunit	
P67871	200	215	AcD3-QLQAASNFSPVKTR-COOH	AYQL↓QLQA	2	0.56267	109/43	Casein kinase II subunit beta	
P24270	447	456	AcD3-YTKVLENEER-COOH	VRTF↓YTKV	1	0.55041	56/48	Catalase	
P26231	40	52	AcD3-VNTNSKGPSNKKR-COOH	VTTL↓VNTN	2	0.64232	63/46	Catenin alpha-1	
P06797	311	318	AcD3-YIKIADR-COOH	GMEG↓YIKI	2	0.75623	51/42	Cathepsin L1	
Q8C5L3	228	236	AcD3-SDFFPALADR-COOH	GLDL↓SDFF	1	0.56299	49/47	CCR4-NOT transcription complex subunit 2	
P60766	113	120	AcD3-VGTQIDLRCOOH	PFL↓VGTQ	2	0.57885	71/47	Cell division control protein 42 homolog	
Q6A068	310	321	AcD3-VVKYVQASEVAR-COOH	ELQE↓VVKV	2	0.63099	62/45	Cell division cycle 5-related protein	
Q6A068	512	521	AcD3-IEDAADVDAR-COOH	DDTY↓IEDA	3	0.59764/0.60715	73/46	Cell division cycle 5-related protein	
Q8CH18	167	182	AcD3-FQLGAVKGTQVQVDR-COOH	EDVF↓FQLG	1	0.6581	75/45	Cell division cycle and apoptosis regulator protein 1	
Q921W0	163	181	AcD3-DQLSQLPEGASAVGESSVR-COOH	LEVL↓DQLS	1	0.57917	118/47	Charged multivesicular body protein 1a	
Q921Q5	10	29	AcD3-LFKAGSDGAKIGNCPFSQR-COOH	PQVE↓LFVK	2	0.5445/0.495	70/47	Chloride intracellular channel protein 1	
Q921Q5	11	29	AcD3-FVKAGSDGAKIGNCPFSQR-COOH	QVEL↓FVKA	3	0.57187/0.58501	100/48	Chloride intracellular channel protein 1	
Q921Q5	12	29	AcD3-VKAGSDGAKIGNCPFSQR-COOH	VELF↓VKAG	3	0.61352/0.65265	100/48	Chloride intracellular channel protein 1	
Q921Q5	220	238	AcD3-ASTCPDDEIEELAYEQVAR-COOH	REEF↓ASTC	1	0.4841	52/44	Chloride intracellular channel protein 1	
Q921Q5	229	238	AcD3-IELAYEQVAR-COOH	DDDE↓IELA	2	0.51186	77/47	Chloride intracellular channel protein 1	
Q921Q5	231	238	AcD3-LAYEQVAR-COOH	EEIE↓LAYE	2	0.55256/0.53859	56/47	Chloride intracellular channel protein 1	
Q9QYB1	242	250	AcD3-IAYSQVAKR-COOH	KEVE↓IAYS	2	0.5957	67/47	Chloride intracellular channel protein 4	
P23198	76	91	AcD3-FLNSQKAGKEDGTR-COOH	LIED↓FLNS	1	0.52028	52/45	Chromobox protein homolog 3	
Q9C2U6	26	47	AcD3-ASASSTNLKDVLSNLPKEQAR-COOH	AARH↓ASAS	1	0.78891	46/45	Citrate synthase, mitochondrial	
Q9ESN9	300	310	AcD3-VSVTKNNKQAR-COOH	LDGY↓VSVT	1	0.70041	54/45	C-jun-amino-terminal kinase-interacting protein 3	
Q58A65	610	621	AcD3-LSEETASLASR-COOH	AFDF↓LSEE	1	0.65314	66/47	C-jun-amino-terminal kinase-interacting protein 4	
Q68FD5	167	176	AcD3-LTGISAQQR-COOH	KWLL↓LTGI	2	0.54684	73/47	Clathrin heavy chain 1	

Q68FD5	378	393	AcD3-SEAAKVAANAPKGLR-COOH	QGNV↓SEAA	2	0.50709	82/42	Clathrin heavy chain 1
Q68FD5	1472	1481	AcD3-ITEEDYQALR-COOH	NNLF↓ITEE	2	0.60963	56/47	Clathrin heavy chain 1
O08585	83	101	AcD3-QYESNPDTSYAAISEVDR-COOH	NGEY↓YQES	1	0.65267	61/43	Clathrin light chain A
O08585	94	101	AcD3-AAISEVDR-COOH	TDVY↓AAIS	1	0.61694	82/49	Clathrin light chain A
O08585	153	161	AcD3-LQKTKANNR-COOH	QDEQ↓LQKT	2	0.68501/0.64216	53/45	Clathrin light chain A
Q6IRU5	78	95	AcD3-QEANGPADGYAAIAQADR-COOH	GDVF↓QEAN	2	0.56052	107/46	Clathrin light chain B
Q6IRU5	88	95	AcD3-AAIAQADR-COOH	ADGY↓AAIA	1	0.4993	59/47	Clathrin light chain B
Q6IRU5	147	155	AcD3-VEKNKINNR-COOH	QSEQ↓VEKN	1	0.49379	63/44	Clathrin light chain B
Q6IRU5	220	229	AcD3-MSLKQTPLSR-COOH	RSLV↓MSLK	2	0.51179	75/47	Clathrin light chain B
Q9JIF7	692	702	AcD3-SLLAAMGNTQR-COOH	RFQL↓SLLA	1	0.65379	55/48	Coatomer subunit beta
Q9JIF7	694	702	AcD3-LAAMGNTQR-COOH	QLSL↓LAAM	5	0.50696/0.7455/0.46966	60/47	Coatomer subunit beta
P18760	57	81	AcD3-VGDVGQTVDDPYTTFVKMLPKDKCR-COOH	KEIL↓VGDV	4	0.48048/0.49397/0.49128	68/46	Cofilin-1
P18760	72	81	AcD3-VKMLPKDKCR-COOH	YTTF↓VKML	4	0.51483/0.46611/0.5253	59/47	Cofilin-1
O35638	1058	1066	AcD3-SVISGMSSR-COOH	DDTM↓SVIS	1	0.65917	56/47	Cohesin subunit SA-2
Q692T1	747	752	AcD3-LSLYQR-COOH	TGHR↓LSLY	1	0.4932	40/32	Coiled-coil domain-containing protein MTMR15
Q8K2Q0	10	25	AcD3-VALQSLKASSKDVVR-COOH	AEHF↓VALQ	2	0.51104	102/40	COMM domain-containing protein 9
Q99LD4	421	428	AcD3-LMGKFEQR-COOH	EKSL↓LMGK	1	0.46293	60/48	COP9 signalosome complex subunit 1
P61202	259	272	AcD3-FEAFKNYDESGSPR-COOH	HTDF↓FEAF	2	0.38321	79/45	COP9 signalosome complex subunit 2
O35864	270	282	AcD3-SEKLEQSEQLGR-COOH	VFDL↓SEKL	2	0.53824	74/48	COP9 signalosome complex subunit 5
O08997	10	21	AcD3-MTEGCAEAVSR-COOH	FVSD↓MTEG	4	0.64805/0.6865	83/38	Copper transport protein ATOX1
O08997	11	21	AcD3-TCEGCAEAVSR-COOH	SVDM↓TCEG	1	0.49008	47/42	Copper transport protein ATOX1
P36552	120	128	AcD3-MSSPTEL-COOH	CSTF↓MSSP	1	0.49724	53/47	Coproporphyrinogen-III oxidase, mitochondrial
O89053	60	69	AcD3-LVPLGKTGR-COOH	GGAF↓LVPL	4	0.44892/0.43816	55/36	Coronin-1A
O89053	229	241	AcD3-VSEKILTTGFSR-COOH	HAVF↓VSEG	6	0.45302/0.46028	100/47	Coronin-1A
O89053	310	317	AcD3-FSSKESQR-COOH	YLSM↓FSSK	3	0.43657/0.42372/0.4809	57/47	Coronin-1A
O89053	390	402	AcD3-ISLKDGVVPPKSR-COOH	GPLL↓ISLK	1	0.43202	54/45	Coronin-1A
O89053	441	450	AcD3-NAIVKQLQR-COOH	VRNL↓NAIV	1	0.41296	56/44	Coronin-1A
Q9WUM3	192	201	AcD3-CSACKDKSVR-COOH	GSLF↓CSAC	2	0.58304	58/47	Coronin-1B
Q9WUM3	229	241	AcD3-LADGKVTTFGFSR-COOH	RAIF↓LADG	2	0.59652	71/47	Coronin-1B
Q9WUM4	227	239	AcD3-LADGNVFTTFGFSR-COOH	RAIF↓LADG	2	0.51099	81/48	Coronin-1C
Q9D2V7	228	236	AcD3-VSTGFNQMR-COOH	QEHL↓VSTG	2	0.50118	61/47	Coronin-7
Q9D2V7	898	904	AcD3-VAKLGNR-COOH	LNAM↓VAKL	6	0.54539/0.48713/0.52629/0.49335	64/42	Coronin-7
Q04447	328	341	AcD3-AAVGGVFDVSNADR-COOH	GVDT↓AAVG	2	0.39958	116/47	Creatine kinase B-type
P47941	257	268	AcD3-ALEVGDIVKVR-COOH	KTAL↓ALEV	2	0.62205	59/43	Crk-like protein
P47941	259	268	AcD3-EVGGDIVKVR-COOH	ALAL↓EVGD	2	0.57798	73/45	Crk-like protein
Q920H4	136	149	AcD3-IGMVSKCNENDIR-COOH	RKLF↓IGMV	2	0.53909	67/48	CUG-BP- and ETR-3-like factor 2
Q9JLV5	723	733	AcD3-VAEVTQQLKAR-COOH	HNVL↓VAEV	1	0.64914	50/45	Cullin-3
Q61458	286	294	AcD3-ALNAVTKKR-COOH	SSDL↓ALNA	1	0.64705	44/41	Cyclin-H
Q62426	39	45	AcD3-KAIFKR-COOH	FDVF↓KAIS	1	0.56571	43/41	Cystatin-B
Q62426	83	91	AcD3-SSVQTNKER-COOH	PLTL↓SSVQ	2	0.65704/0.6206	49/47	Cystatin-B
Q9D1P4	54	63	AcD3-LSIVGCTKGR-COOH	FSDF↓LSIV	3	0.56889/0.53861	76/46	Cysteine and histidine-rich domain-containing protein 1
Q9CQX2	25	31	AcD3-LEEVAKR-COOH	TYR↓LEEV	1	0.5002	36/31	Cytochrome b5 type B
Q9JHU4	2096	2103	AcD3-VSAGNVKR-COOH	KSVL↓VSAG	2	0.47269	58/45	Cytoplasmic dynein 1 heavy chain 1
Q9JHU4	3353	3362	AcD3-SAEISDAIR-COOH	IVNF↓SAEE	2	0.40283	61/47	Cytoplasmic dynein 1 heavy chain 1
O88487	422	435	AcD3-VVGSEEGSVYTACR-COOH	VNMF↓VVG	1	0.48711	58/45	Cytoplasmic dynein 1 intermediate chain 2
Q6PDLO	340	346	AcD3-IVKPPVR-COOH	YEDF↓IVKP	1	0.63605	43/38	Cytoplasmic dynein 1 light intermediate chain 2
Q6PDLO	363	379	AcD3-LMKQSLAKQPATPTR-COOH	EQVF↓LMKQ	1	0.53175	54/44	Cytoplasmic dynein 1 light intermediate chain 2
Q9CPY7	71	84	AcD3-LNISGPKLAKGKTR-COOH	LREM↓LNIS	2	0.41429/0.45412	48/40	Cytosol aminopeptidase
Q9CPY7	72	84	AcD3-NISGPKLAKGKTR-COOH	REML↓NISG	2	0.45151/0.49233	71/44	Cytosol aminopeptidase
Q91V12	81	91	AcD3-IEEAGAIISTR-COOH	ILKM↓IEEA	2	0.37323	82/46	Cytosolic acyl coenzyme A thioester hydrolase
Q91V12	255	265	AcD3-MDEVAGIVAAR-COOH	TMKL↓MDEV	2	0.30943	79/47	Cytosolic acyl coenzyme A thioester hydrolase
Q91V12	367	373	AcD3-LQMKAKR-COOH	KGRY↓LQMK	1	0.41488	53/44	Cytosolic acyl coenzyme A thioester hydrolase
Q61753	11	20	AcD3-ISDSLDPCCR-COOH	RKVL↓ISDS	1	0.43145	48/43	D-3-phosphoglycerate dehydrogenase
Q9JII5	40	51	AcD3-VIMKDKTTNQSR-COOH	VVDC↓VIMK	3	0.45683/0.58994	76/47	DAZ-associated protein 1
Q9DCP9	106	115	AcD3-VEGGYDAGAR-COOH	SAVL↓VEGG	2	0.77825	66/45	DAZ-associated protein 2
Q3U0B3	16	29	AcD3-VTGASGGIGAAVAR-COOH	RLLA↓VTGA	2	0.47649	100/47	Dehydrogenase/reductase SDR family member 11
Q8BV14	175	188	AcD3-IAVPLVTLDTPMNR-COOH	GAAL↓IAVL	1	0.59989	59/46	Dihydropteridine reductase
O08553	381	397	AcD3-VAVTSTNAAKVFNLYPR-COOH	ENQF↓VAVT	2	0.49969	80/45	Dihydropyrimidinase-related protein 2
O08553	506	532	AcD3-VSVTPKVTTPASSAKTSPAKQAPPVR-COOH	PVCE↓VSVT	1	0.41016	70/43	Dihydropyrimidinase-related protein 2
Q99K77	629	638	AcD3-KSTGDVAVGR-COOH	LQVL↓KSTG	2	0.46907	77/47	Dipeptidyl-peptidase 3
P98078	74	84	AcD3-MKLGMAAAGR-COOH	QDSM↓MKLK	2	0.66638	65/47	Disabled homolog 2
P98078	236	251	AcD3-LVDLNSEIDTQNLSR-COOH	KDIL↓LVDL	2	0.69211	100/48	Disabled homolog 2
P98078	240	251	AcD3-NSEIDTQNLSR-COOH	LVDL↓NSEI	1	0.72455	69/47	Disabled homolog 2
P62876	29	42	AcD3-YTEGDALDGLKR-COOH	LQAE↓YTEG	2	0.61195	65/47	DNA-directed RNA polymerases I, II, and III subunit RPABC5

Q9QY10	143	163	AcD3-CSACSGQGGKSGAVQKCSACR-COOH	KNVL↓CSAC	2	0.63562/0.74442	63/43	Dnaj homolog subfamily A member 2	
Q99KV1	75	83	AcD3-EVLSDESEKR-COOH	GRAAY↓EVLS	1	0.48066	62/47	Dnaj homolog subfamily B member 11	
Q9QY13	436	446	AcD3-TILSDPKKTR-COOH	GEAF↓TILS	2	0.56595	63/41	Dnaj homolog subfamily C member 7	
Q6NZB0	24	33	AcD3-YSEVQIEKR-COOH	FMTF↓YSEV	2	0.70588	56/47	Dnaj homolog subfamily C member 8	
Q6NZB0	63	76	AcD3-QIDPEVTDEEIKR-COOH	FVFL↓QIDP	2	0.64833	69/47	Dnaj homolog subfamily C member 8	
O70469	88	94	AcD3-ILETKEK-COOH	TSAF↓ILET	2	0.60133	61/44	Docking protein 2	
Q61550	305	320	AcD3-ALEPIDITVKETKAKR-COOH	EEAF↓ALEP	1	0.7307	69/42	Double-strand-break repair protein rad21 homolog	
Q62418	31	41	AcD3-FTYEGNSNDIR-COOH	DWAL↓FTYE	1	0.53765	52/46	Drebrin-like protein	
Q62418	370	383	AcD3-MQSQGFSGQGLCAR-COOH	IDNY↓MQSQ	2	0.59162	119/45	Drebrin-like protein	
Q99KJ8	89	105	AcD3-LGEGLVKVKETPQQYQR-COOH	DYEM↓LGEG	2	0.48121	77/47	Dynactin subunit 2	
Q99KJ8	90	105	AcD3-GEGLVKVKETPQQYQR-COOH	YEML↓GEGL	2	0.61134	91/47	Dynactin subunit 2	
Q99KJ8	372	380	AcD3-LTQVQTTMR-COOH	NTAL↓LTQV	2	0.56425	54/48	Dynactin subunit 2	
Q8CBY8	12	21	AcD3-YLVQGEKKVR-COOH	ERVL↓YLVQ	1	0.53417	58/43	Dynactin subunit 4	
Q8CBY8	247	255	AcD3-TEVTTLQQR-COOH	PVNL↓TEVT	1	0.51172	57/47	Dynactin subunit 4	
Q9ERU9	1785	1793	AcD3-ADLAKGMSR-COOH	TFTF↓ADLA	1	0.61799	62/47	E3 SUMO-protein ligase RanBP2	
Q9ERU9	3021	3029	AcD3-VKDGMDTVR-COOH	VFGF↓VKDG	1	0.61617	55/47	E3 SUMO-protein ligase RanBP2	
Q99PP7	143	151	AcD3-VCCQSLQSR-COOH	DTCA↓VCCQ	1	0.60451	55/47	E3 ubiquitin-protein ligase TRIM33	
Q8BL66	1382	1400	AcD3-CAECSTKNALTPSSKKPVR-COOH	GNIF↓CAEC	1	0.60658	51/47	Early endosome antigen 1	
Q9WVK4	18	26	AcD3-FQTVAEGLR-COOH	EPEL↓FQTV	1	0.58844	55/47	EH domain-containing protein 1	
Q9WVK4	279	287	AcD3-FKDIQSLPR-COOH	EQDL↓FKDI	1	0.50425	49/46	EH domain-containing protein 1	
Q9EQP2	21	29	AcD3-VQTVGGGLR-COOH	GMDA↓VQTV	2	0.5093	60/46	EH domain-containing protein 4	
Q9DCW4	44	51	AcD3-IAVEEAVR-COOH	PFCE↓IAVE	2	0.51072	51/46	Electron transfer flavoprotein subunit beta	
Q9DCW4	64	76	AcD3-VSCGSPQCQETIR-COOH	EIIA↓VSCG	1	0.46021	51/45	Electron transfer flavoprotein subunit beta	
Q9DCW4	150	164	AcD3-ASQVTLLEGDKVQVER-COOH	QGTF↓ASQV	2	0.55051	104/45	Electron transfer flavoprotein subunit beta	
Q9DCW4	246	255	AcD3-VAKLKEVGR-COOH	TEDL↓VAKL	1	0.41608	41/35	Electron transfer flavoprotein subunit beta	
P10126	59	67	AcD3-VLDKLKAER-COOH	KYAW↓VLDK	1	0.40454	46/41	Elongation factor 1-alpha 1	P62631 (59-67)
P10126	115	134	AcD3-IVAAGVGEFEAGISKNGQTR-COOH	CAVL↓IVAA	1	0.53414	89/47	Elongation factor 1-alpha 1	P62631 (115-134)
P10126	255	266	AcD3-KIGGIGTVPVGR-COOH	QDVY↓KIGG	2	0.74719	78/40	Elongation factor 1-alpha 1	P62631 (255-266)
P57776	26	38	AcD3-YEQMNGPVTSGSR-COOH	ERRF↓YEQM	4	0.39666/0.39779/0.39836	61/45	Elongation factor 1-delta	
Q9D8N0	20	30	AcD3-IAAQYSGAQVR-COOH	FKAL↓IAAQ	4	0.36658/0.36111	103/47	Elongation factor 1-gamma	
P58252	40	50	AcD3-VCKAGIIASAR-COOH	TDLS↓VCKA	6	0.4111/0.39502/0.36209	88/45	Elongation factor 2	
P58252	42	50	AcD3-KAGIIASAR-COOH	SLVC↓KAGI	2	0.55542	68/41	Elongation factor 2	
P58252	112	120	AcD3-SSEVTAALR-COOH	HVDF↓SSEV	1	0.49597	54/46	Elongation factor 2	
P58252	614	625	AcD3-AEDIDKGEVSAR-COOH	PDGL↓AEDI	4	0.4083/0.3792	96/47	Elongation factor 2	
P58252	616	625	AcD3-DIDKGEVSAR-COOH	GLAE↓DIDK	1	0.38929	79/47	Elongation factor 2	
P58252	617	625	AcD3-IDKGEVSAR-COOH	LAED↓IDKG	2	0.39841	73/47	Elongation factor 2	
P58252	731	739	AcD3-ASVLTAAQPR-COOH	RCLY↓ASVL	5	0.49893/0.53435	78/46	Elongation factor 2	
P70429	110	123	AcD3-NIMMSQEGGPSTQR-COOH	LFAL↓NIMN	2	0.65431	89/44	Ena/VASP-like protein	
Q9JK48	78	85	AcD3-FVYEKLDK-COOH	RIEE↓FVYE	1	0.77892	49/47	Endophilin-B1	
Q9EQH2	559	568	AcD3-ITSKSDSVQR-COOH	PLTF↓ITSK	1	0.47563	59/47	Endoplasmic reticulum aminopeptidase 1	
P57759	171	179	AcD3-KASSIAR-COOH	AGEF↓IKAS	2	0.58292	70/44	Endoplasmic reticulum protein Erp29	
P08113	56	67	AcD3-IQLDGLNASQIR-COOH	EEEA↓IQLD	5	0.47417/0.51462/0.47102/0.50308	60/47	Endoplasmic	
P08113	433	448	AcD3-VKGVVDSDDLPLNVSR-COOH	YLNK↓VKGV	4	0.46361/0.52468	79/46	Endoplasmic	
P08113	539	546	AcD3-YFMAGSSR-COOH	QDKI↓YFMA	1	0.38489	49/45	Endoplasmic	
P08113	575	587	AcD3-YCIIALPEFDGKR-COOH	PVDE↓YCIQ	2	0.48569	57/48	Endoplasmic	
P08113	678	690	AcD3-YASQKKTFEINPR-COOH	STNY↓YASQ	1	0.52434	68/47	Endoplasmic	
Q8K3X4	762	773	AcD3-ILAGDVVKKKR-COOH	EIAT↓ILAG	2	0.7383	61/37	Enhanced at puberty protein 1	
Q8K3X4	764	773	AcD3-AGDVVKKKR-COOH	ATIL↓AGDV	2	0.76762	53/43	Enhanced at puberty protein 1	
Q9JX0	68	76	AcD3-VAEITPKGR-COOH	VDDL↓VAEI	3	0.48902/0.56293	57/45	Enhancer of yellow 2 transcription factor homolog	
Q8R180	50	60	AcD3-VETIDKFNYYR-COOH	CTCD↓VETI	1	0.70624	81/48	ERO1-like protein alpha	
Q9D172	145	159	AcD3-AVDGKCKVKNKEVER-COOH	LSTF↓AVDG	4	0.54051/0.55517	80/48	ES1 protein homolog, mitochondrial	
Q91V76	162	177	AcD3-ASEGQPGKVIEWQAKR-COOH	ANLF↓ASEG	3	0.51427/0.59472	82/46	Ester hydrolase C11orf54 homolog	
Q91V76	251	263	AcD3-PVVFVKDPLGLDLR-COOH	LVCL↓PVVF	2	0.61029	62/45	Ester hydrolase C11orf54 homolog	
Q91V76	254	263	AcD3-VSKDPGLDLR-COOH	LPVF↓VSKD	2	0.59399	59/46	Ester hydrolase C11orf54 homolog	
Q149F3	598	609	AcD3-LETFKDPQMGR-COOH	GTIC↓LETF	1	0.35762	60/47	Eukaryotic peptide chain release factor GTP-binding subunit ERF3B	Q8R050 (465-476)
Q8BWW3	35	47	AcD3-ISLIIPKDKQIR-COOH	GTSM↓ISLI	1	0.49633	46/40	Eukaryotic peptide chain release factor subunit 1	
Q6ZWX6	256	266	AcD3-AVIKEIEEKR-COOH	NQAM↓AVIK	3	0.46314/0.50347	60/41	Eukaryotic translation initiation factor 2 subunit 1	
Q9Z0N1	405	416	AcD3-MVNIIGSLSTGGR-COOH	NEVL↓MVNI	2	0.4296	107/47	Eukaryotic translation initiation factor 2 subunit 3, X-linked	Q9Z0N2 (405-416)
Q9DCH4	104	112	AcD3-ASIVDSYER-COOH	PVIL↓ASIV	1	0.5533	48/46	Eukaryotic translation initiation factor 3 subunit F	
Q6NZ16	643	654	AcD3-VVLDKANKTPLR-COOH	HITD↓VVLD	1	0.62643	43/41	Eukaryotic translation initiation factor 4 gamma 1	
Q62448	375	392	AcD3-GQMPGSGIGTGGVVIQDR-COOH	ADMF↓GQMP	1	0.67007	63/47	Eukaryotic translation initiation factor 4 gamma 2	
Q9EST3	895	903	AcD3-AVMQQLQR-COOH	PLHL↓AVMQ	2	0.51843	63/47	Eukaryotic translation initiation factor 4E transporter	
Q9WUK2	90	109	AcD3-DEVDSLKEALTYDGLGDR-COOH	YVEF↓DEVQ	1	0.60717	61/47	Eukaryotic translation initiation factor 4H	



P63242	6	26	AcD3-DFETGDAGASATFPMQCSALR-COOH	ADDL↓DFET	11	0.48379/0.49817/0.49201/0.4638/0.47564/0.50019/0.44817	109/43	Eukaryotic translation initiation factor 5A-1	
P63242	8	26	AcD3-ETGDAGASATFPMQCSALR-COOH	DLDF↓ETGD	3	0.47674/0.47793	63/43	Eukaryotic translation initiation factor 5A-1	
P63242	92	109	AcD3-IGIQDGYLSLLQDQSGEVR-COOH	DFQL↓IGIQ	4	0.51423/0.47816	127/47	Eukaryotic translation initiation factor 5A-1	
Q6KAR6	17	25	AcD3-EAVATAVQR-COOH	ETDL↓EAVA	1	0.55061	50/47	Exocyst complex component 3	
Q8R313	227	237	AcD3-SVALQKQNNMR-COOH	QKSF↓SVAL	1	0.65256	57/47	Exocyst complex component 6	
Q8VBV3	53	62	AcD3-IASVAGSVER-COOH	EELK↓IASV	1	0.29762	52/46	Exosome complex exonuclease RRP4	
P26040	302	310	AcD3-VQQMKAQAR-COOH	DTIE↓VQQM	3	0.50837/0.48449	78/48	Ezrin	P26041 (302-310), P26043 (302-310), P46662 (318-326)
P26040	532	542	AcD3-LTSLNELSQAR-COOH	QRQL↓LTLS	4	0.47483/0.42521	83/47	Ezrin	
P26040	533	542	AcD3-TLSNELSQAR-COOH	RQLL↓TLNS	1	0.60071	57/47	Ezrin	
P47754	30	37	AcD3-NEVFNDVR-COOH	PGEF↓NEVF	1	0.5342	51/46	F-actin-capping protein subunit alpha-2	P47753 (30-37)
P47757	40	51	AcD3-LSSVDQLPKIAR-COOH	CEDL↓LSSV	3	0.53763/0.55761	87/44	F-actin-capping protein subunit beta	
P47757	231	244	AcD3-IFGKTKDIVNGLR-COOH	TLNE↓IFYG	1	0.52965	70/44	F-actin-capping protein subunit beta	
Q91WJ8	186	210	AcD3-IMIPASKAGLVIGKGGTIKQLQER-COOH	AVQE↓IMIP	1	0.42663	59/40	Far upstream element-binding protein 1	
Q3U0V1	239	263	AcD3-IMIPAGKAGLVIGKGGTIKQLQER-COOH	TVQE↓IMIP	1	0.48272	83/40	Far upstream element-binding protein 2	
Q920E5	342	351	AcD3-MELANKIKR-COOH	PSIF↓MELA	2	0.32052	53/47	Farnesyl pyrophosphate synthetase	
Q61553	177	185	AcD3-ITLAFQDQR-COOH	VDSL↓ITLA	1	0.48101	54/47	Fascin	
Q61553	263	271	AcD3-VVLQAANER-COOH	SCAQ↓VVLQ	1	0.51709	88/46	Fascin	
P19096	696	703	AcD3-QALKKVR-COOH	PTLL↓QALK	1	0.44834	41/34	Fatty acid synthase	
P19096	1934	1946	AcD3-VSTNSVSSLEGAR-COOH	IQVL↓VSTS	1	0.35425	79/47	Fatty acid synthase	
Q3UFK8	423	432	AcD3-YVEDGKGIKR-COOH	STID↓YVED	1	0.71128	47/46	FERM domain-containing protein 8	
Q8K1B8	170	179	AcD3-AGGVAPTIFR-COOH	KVVL↓AGGV	1	0.4989	50/46	Fermitin family homolog 3	
P09528	138	157	AcD3-YLSEQVKSKELGHDVHNLNR-COOH	IETY↓YLSE	1	0.73343	55/46	Ferritin heavy chain	
Q6P9Q4	1144	1154	AcD3-LVQSVTKSGPR-COOH	IMDL↓LVQS	2	0.57169	70/45	FH1/FH2 domain-containing protein 1	
Q8BTM8	162	171	AcD3-EAKKQTPKQR-COOH	EEDE↓EAKK	1	0.4899	51/43	Filamin-A	
Q8BTM8	418	437	AcD3-VVIQDPTGQKGTVEPQLEAR-COOH	GEVE↓VVIQ	1	0.49495	52/46	Filamin-A	
Q8BTM8	912	921	AcD3-SGLAKGDAVR-COOH	DVQF↓SGLA	1	0.61908	49/46	Filamin-A	
Q8BTM8	914	921	AcD3-LAKGDAVR-COOH	QFSG↓LAKG	2	0.55904	58/45	Filamin-A	
Q8BTM8	1159	1172	AcD3-DASKVKCSGGPLER-COOH	EPSh↓DASK	2	0.54392	85/48	Filamin-A	
Q8BTM8	1525	1532	AcD3-YGEEVPR-COOH	ISVL↓YGEE	2	0.53068	57/47	Filamin-A	
Q8BTM8	1794	1809	AcD3-VIPFTIKGEITGEVR-COOH	PFDL↓VIPF	2	0.69841/0.53706	75/42	Filamin-A	
Q8VHX6	1789	1804	AcD3-VIPFTVQKQELTGEVR-COOH	PFNL↓VIPF	2	0.37229	65/45	Filamin-C	
Q8VHX6	1854	1861	AcD3-YVDAINSR-COOH	PLQF↓YVDA	1	0.35843	62/47	Filamin-C	
Q62446	180	189	AcD3-LTMSKGEKAR-COOH	DEAL↓LTMS	2	0.51154	75/47	FK506-binding protein 3	
P30416	23	39	AcD3-VDISPKQDEVLKVIKR-COOH	PLEG↓VDIS	1	0.5435	44/39	FK506-binding protein 4	
P39749	342	353	AcD3-FKVTGSLSSAKR-COOH	LDDF↓FKVT	3	0.54675/0.53726	67/44	Flap endonuclease 1	
Q923D2	75	92	AcD3-LGTGNLSPPTVMSEGR-COOH	VIVL↓LGTG	2	0.51633	74/46	Flavin reductase	
Q9R059	6	17	AcD3-DCARKNESLYGR-COOH	SEAF↓DCAK	2	0.59966	49/44	Four and a half LIM domains protein 3	
P05064	32	43	AcD3-AADESTGSIKR-COOH	KGIL↓AADE	25	0.53808/0.56129/0.54425/0.4599	79/48	Fructose-bisphosphate aldolase A	
P05064	34	43	AcD3-DESTGSIKR-COOH	ILAA↓DEST	3	0.57196/0.56599	73/47	Fructose-bisphosphate aldolase A	
P05064	35	43	AcD3-ESTGSIKR-COOH	LAAD↓ESTG	2	0.72483	60/47	Fructose-bisphosphate aldolase A	
P05064	153	173	AcD3-KIGHEPTPSALAIMENANVLAR-COOH	RCVL↓KIGE	1	0.50081	58/46	Fructose-bisphosphate aldolase A	
P05064	163	173	AcD3-AIMENANVLAR-COOH	PSAL↓AIME	13	0.54289/0.51745/0.53008	75/48	Fructose-bisphosphate aldolase A	
P05064	175	201	AcD3-ASICQNGVPIVEPEILPDGDHDLKR-COOH	LARY↓ASIC	1	0.50608	60/47	Fructose-bisphosphate aldolase A	P05063 (175-201)
P05064	322	331	AcD3-KAAQEEYIKR-COOH	KENL↓KAAQ	6	0.53126/0.53166	73/46	Fructose-bisphosphate aldolase A	
P05063	32	43	AcD3-AADESIVGSMMAKR-COOH	KGIL↓AADE	5	0.55418/0.57293	68/47	Fructose-bisphosphate aldolase C	
P05063	107	134	AcD3-KVYDGGVPLAGTDGETTTQGLDGLLER-COOH	ILVG↓KVYD	1	0.51171	53/45	Fructose-bisphosphate aldolase C	
P05063	163	173	AcD3-AILENANVLAR-COOH	PSAL↓AILE	2	0.56583	66/46	Fructose-bisphosphate aldolase C	
P05063	177	201	AcD3-ICQQNGVPIVEPEILPDGDHDLKR-COOH	RYAS↓ICQQ	2	0.48581/0.52019	72/47	Fructose-bisphosphate aldolase C	P05064 (177-201)
P05063	249	258	AcD3-IAMATVTLAR-COOH	SPEE↓IAMA	30	0.53938/0.57227/0.54689/0.54007/0.5457/0.50294	85/45	Fructose-bisphosphate aldolase C	P05064 (249-258)
P05063	251	258	AcD3-MATVTLAR-COOH	EElA↓MATV	1	0.4883	65/47	Fructose-bisphosphate aldolase C	P05064 (251-258)
P05063	252	258	AcD3-ATVTLAR-COOH	ElAM↓ATVT	2	0.52221	61/46	Fructose-bisphosphate aldolase C	P05064 (252-258)
P05063	271	289	AcD3-LSGGQSEFEASLNLNAINR-COOH	GVTF↓LSGG	2	0.48362	82/47	Fructose-bisphosphate aldolase C	
P97807	149	157	AcD3-NVNEVISNR-COOH	QTNM↓NVNE	1	0.41736	62/47	Fumarate hydratase, mitochondrial	
P97807	223	230	AcD3-AQVIKIGR-COOH	SKEF↓AQVI	1	0.53486	62/39	Fumarate hydratase, mitochondrial	
P97807	270	283	AcD3-AAGGTAVGTGLNTR-COOH	lYEL↓AAGG	2	0.47692	92/47	Fumarate hydratase, mitochondrial	
Q35601	772	785	AcD3-EVIQSTDDTKVLCR-COOH	GESL↓EVIQ	1	0.60479	53/48	FYN-binding protein	
P16110	146	158	AcD3-ITIMGTVKPNANR-COOH	PRML↓ITIM	9	0.5547/0.53693/0.58972/0.60379/0.57224	84/46	Galectin-3	
Q9ERD8	10	26	AcD3-LQLPKVAQPTTEELPR-COOH	LYDL↓LQLP	1	0.68771	63/46	Gamma-parvin	
P13020	313	325	AcD3-VADENPFAQGALR-COOH	SVSL↓VADE	5	0.49892/0.52792	84/47	Gelsolin	
P13020	512	523	AcD3-DEELGGTPVQSR-COOH	TAQL↓DEEL	2	0.55566/0.62905	67/47	Gelsolin	
Q3THK3	363	372	AcD3-MAKKKTPPKR-COOH	SALF↓MAKK	1	0.60604	44/41	General transcription factor IIF subunit 1	

Q9E5Z8	686	702	AcD3-VTVEGPNSSPQTSAVR-COOH	PEIE↓VTVE	1	0.69115	78/48	General transcription factor II-I	
Q9CQI3	10	19	AcD3-VAEDLVEKLR-COOH	VVCD↓VAED	1	0.54448	49/45	Glia maturation factor beta	
Q9ERL7	6	19	AcD3-VVCEVDPELKETLR-COOH	SDSL↓VVCE	2	0.56646	65/47	Glia maturation factor gamma	
Q9ERL7	9	19	AcD3-EVDPELKETLR-COOH	LVVC↓EVDPE	1	0.50397	84/47	Glia maturation factor gamma	
Q00612	413	427	AcD3-FNPFESELDLTYGNR-COOH	PGMF↓FNPE	1	0.40975	58/46	Glucose-6-phosphate 1-dehydrogenase X	
P06745	67	75	AcD3-MLVELAKSR-COOH	EVMQ↓MLVE	1	0.67597	55/46	Glucose-6-phosphate isomerase	
P06745	68	75	AcD3-LVELAKSR-COOH	VMQM↓LVEL	5	0.52339/0.5024	56/43	Glucose-6-phosphate isomerase	
P06745	69	75	AcD3-VELAKSR-COOH	MQML↓VELA	4	0.5303/0.50633/0.5581	66/44	Glucose-6-phosphate isomerase	Q6GQX2 (768-774)
P06745	352	370	AcD3-FQQGDMESNGKYITKSGAR-COOH	FAAY↓FQQG	7	0.46709/0.55639/0.48511/0.49764/0.50474	90/47	Glucose-6-phosphate isomerase	
P06745	407	417	AcD3-LIPVQTOHPIR-COOH	PCDF↓LIPV	1	0.49394	44/43	Glucose-6-phosphate isomerase	
P06745	430	446	AcD3-LAQTEALMKGKLPPEAR-COOH	LANF↓LAQT	5	0.48194/0.49476	76/47	Glucose-6-phosphate isomerase	
P06745	431	446	AcD3-AQTEALMKGKLPPEAR-COOH	ANFL↓AQTE	5	0.52221/0.49594	98/47	Glucose-6-phosphate isomerase	
P06745	436	446	AcD3-LMKGKLPPEAR-COOH	QTEA↓LMKG	4	0.49665/0.52854	62/46	Glucose-6-phosphate isomerase	
P06745	437	446	AcD3-MKGKLPPEAR-COOH	TEAL↓MKGK	1	0.50586	66/47	Glucose-6-phosphate isomerase	
P06745	546	553	AcD3-ISFIKQQR-COOH	TNGL↓ISFI	2	0.53338	71/44	Glucose-6-phosphate isomerase	
O08795	160	177	AcD3-LELOAGKKSLEDQVETLR-COOH	QSKL↓LELQ	2	0.52399/0.56551	93/45	Glucosidase 2 subunit beta	
O08795	163	177	AcD3-QAGKKSLEDQVETLR-COOH	LLEL↓QAGK	2	0.61987	103/46	Glucosidase 2 subunit beta	
O08795	359	367	AcD3-HIDAAQEAR-COOH	ETQA↓HIDA	2	0.54086	82/47	Glucosidase 2 subunit beta	
P26443	378	395	AcD3-LIPAAASEKQLTKSNAPR-COOH	ADCD↓LIP	3	0.4432/0.46322	99/42	Glutamate dehydrogenase 1, mitochondrial	
P15105	270	280	AcD3-IEAIDKLSKR-COOH	GLKC↓IEEA	2	0.69882	59/44	Glutamine synthetase	
Q9CQM9	93	101	AcD3-FKNSQVDR-COOH	TFLF↓FKNS	2	0.51347	54/47	Glutaredoxin-3	
P47791	46	59	AcD3-LVIGGSGGLASAR-COOH	SFDY↓LVIG	10	0.4614/0.43044/0.4177	108/46	Glutathione reductase, mitochondrial	
P47791	47	59	AcD3-VIGGSGGLASAR-COOH	FQYL↓VIGG	2	0.55212	88/47	Glutathione reductase, mitochondrial	
P47791	350	369	AcD3-AVGDVCGKALLTPVIAAGR-COOH	KGYY↓AVGD	3	0.35868/0.45221	92/45	Glutathione reductase, mitochondrial	
P10649	20	32	AcD3-LLEYTSSYDEKR-COOH	PIRM↓LLEY	1	0.71737	69/47	Glutathione S-transferase Mu 1	
P10649	22	32	AcD3-EYTDSSYDEKR-COOH	RMLL↓EYTD	2	0.67558	73/43	Glutathione S-transferase Mu 1	
O09131	40	48	AcD3-MVLKAKGIR-COOH	QRTL↓MVLK	2	0.61583/0.61914	48/40	Glutathione S-transferase omega-1	
O09131	41	48	AcD3-VLKAKGIR-COOH	RTLM↓VLKA	8	0.56287/0.57618/0.56031/0.63948	57/33	Glutathione S-transferase omega-1	Q8K2Q2 (41-48)
P16858	93	116	AcD3-VVESTGVFTTMEKAGAHKGGAKR-COOH	GAEY↓VVES	1	0.48539	72/46	Glyceraldehyde-3-phosphate dehydrogenase	
P16858	101	116	AcD3-TTMEKAGAHKGGAKR-COOH	TGVF↓TTME	4	0.50111/0.51221/0.50895	71/47	Glyceraldehyde-3-phosphate dehydrogenase	
P16858	241	246	AcD3-VDLTLCR-COOH	NVSV↓VDLT	1	0.45459	48/47	Glyceraldehyde-3-phosphate dehydrogenase	Q64467 (347-352)
Q9ET01	22	34	AcD3-VENVAELKGFNR-COOH	GIVG↓VENV	2	0.66787	77/45	Glycogen phosphorylase, liver form	
Q9ET01	25	34	AcD3-VAELKGFNR-COOH	GVEN↓VAEL	3	0.56789/0.5878	55/43	Glycogen phosphorylase, liver form	
Q2NL51	145	155	AcD3-VAIKKVLQDKR-COOH	TREL↓VAIK	2	0.70409	53/33	Glycogen synthase kinase-3 alpha	Q9WV60 (82-92)
O70310	99	115	AcD3-FSVGGQPAKTMEEASKR-COOH	AIEL↓FSVG	5	0.56464/0.57112/0.56583	113/47	Glycopeptide N-tetradecanoyltransferase 1	
O70310	100	115	AcD3-SVGGQPAKTMEEASKR-COOH	IELF↓SVGQ	1	0.7164	80/48	Glycopeptide N-tetradecanoyltransferase 1	
Q9CZD3	192	203	AcD3-MVKDVKNGEFCFR-COOH	FADF↓MVKD	2	0.51268	73/47	Glycyl-tRNA synthetase	
Q9CPV4	89	101	AcD3-ITLASSQAVSNAR-COOH	DFMG↓ITLA	3	0.56436/0.46851	93/47	Glyoxalase domain-containing protein 4	
Q9CPV4	90	101	AcD3-TLASSQAVSNAR-COOH	FMGI↓TLAS	2	0.75	63/48	Glyoxalase domain-containing protein 4	
Q91253	308	318	AcD3-LAANNLLAGLR-COOH	TMSL↓LAAN	3	0.54022/0.55825	93/42	Glyoxylate reductase/hydroxypyruvate reductase	
Q60780	381	394	AcD3-FNQSTVEPVQDLRL-COOH	ETDM↓FNQS	1	0.47181	55/47	Growth arrest-specific protein 7	
Q9WTP7	111	124	AcD3-VINLNVPEVVIKQR-COOH	QIDT↓VINL	2	0.5468	76/42	GTP-AMP phosphotransferase mitochondrial	
P62827	14	29	AcD3-VLVDGGGTGKTFVVKR-COOH	QFKL↓VLVD	8	0.54298/0.41307/0.40721/0.42947	77/44	GTP-binding nuclear protein Ran	
P62827	16	29	AcD3-VGDGGGTGKTFVVKR-COOH	KLVL↓VGDG	2	0.41308	64/47	GTP-binding nuclear protein Ran	
Q9R111	119	126	AcD3-VAEEVYTR-COOH	RSTD↓VAEE	1	0.76986	49/48	Guanine deaminase	
Q9R111	154	163	AcD3-AEITDKFGQR-COOH	SULI↓AEIT	2	0.68259	71/48	Guanine deaminase	
P68040	110	118	AcD3-SVAFSDNR-COOH	KDVL↓SVAF	2	0.62111	78/46	Guanine nucleotide-binding protein subunit beta-2-like 1	
P52785	203	209	AcD3-ALSTALR-COOH	EAGR↓ALST	1	0.52704	34/32	Guanylyl cyclase GC-E	
Q3SXD3	179	186	AcD3-VSELETER-COOH	IVQL↓VSEL	1	0.43185	56/47	HD domain-containing protein 2	
P16627	30	38	AcD3-IIANDQGNR-COOH	GKVE↓IIAN	1	0.48837	57/47	Heat shock 70 kDa protein 1L	P17156 (29-37), P17879 (28-36), P20029 (53-61), P63017 (28-36), Q61696 (28-36)
P16627	44	51	AcD3-VAFTDTER-COOH	TPSY↓VAFT	1	0.50794	55/47	Heat shock 70 kDa protein 1L	P17156 (43-50), P17879 (42-49), P63017 (42-49), Q61696 (42-49)
Q61316	338	346	AcD3-VEIVGGATR-COOH	DIYA↓VEIV	4	0.50819/0.49757	81/46	Heat shock 70 kDa protein 4	
Q61316	598	615	AcD3-YTENEGKMIMQDKLEKER-COOH	MLAL↓YTEN	1	0.60238	78/47	Heat shock 70 kDa protein 4	
Q61316	677	689	AcD3-AELKSLGQPIKTR-COOH	VDKL↓AELK	1	0.45593	59/41	Heat shock 70 kDa protein 4	
P48722	26	33	AcD3-IANEYSDR-COOH	GIET↓IANE	1	0.53611	48/45	Heat shock 70 kDa protein 4L	Q61316 (26-33)
P48722	338	346	AcD3-IEIVGGATR-COOH	DINS↓IEIV	2	0.51517/0.54178	67/45	Heat shock 70 kDa protein 4L	Q61699 (338-346)
P48722	381	390	AcD3-AILSPAFAKVR-COOH	ALQC↓AAIL	6	0.52308/0.48946/0.51767	58/41	Heat shock 70 kDa protein 4L	Q61316 (381-390), Q61699 (381-390)
P63017	51	72	AcD3-IGDAAKNQVAMNPTNTVFDKAR-COOH	TERL↓IGDA	5	0.45224/0.55428/0.66979/0.59471	106/47	Heat shock cognate 71 kDa protein	
P63017	59	72	AcD3-VAMNPTNTVFDKAR-COOH	AKNQ↓VAMN	2	0.49834	78/48	Heat shock cognate 71 kDa protein	
P63017	133	155	AcD3-AYLGKTVTNAVVTVPAYFNDSQR-COOH	EIAE↓AYLG	1	0.53207	48/47	Heat shock cognate 71 kDa protein	

P63017	142	155	AcD3-AVTVVPAYFNDSSQR-COOH	VTVN↓AVVT	1	0.75275	54/48	Heat shock cognate 71 kDa protein	
P63017	143	155	AcD3-VVTVPAYFNDSSQR-COOH	VTNA↓VVTV	2	0.44358/0.45722	73/47	Heat shock cognate 71 kDa protein	
Q61699	463	477	AcD3-VVQVNSAQKDGKSR-COOH	IGRF↓VVQN	2	0.50853/0.54508	89/47	Heat shock protein 105 kDa	
P07901	581	592	AcD3-EKKVKKVVSNSR-COOH	KDIL↓EKKV	2	0.44736	71/42	Heat shock protein HSP 90-alpha	
P11499	344	358	AcD3-FENKKNKNIKLVYR-COOH	PFDL↓FENK	3	0.35915/0.42658	74/39	Heat shock protein HSP 90-beta	
P49710	28	37	AcD3-VNDISEKEQR-COOH	DPDF↓VNDI	1	0.556	70/47	Hematopoietic lineage cell-specific protein	
P49710	213	236	AcD3-NEMEAPTTAYKKTPIEAASSGAR-COOH	AVGF↓NEME	3	0.54081/0.55183/0.51139	81/47	Hematopoietic lineage cell-specific protein	
P49710	215	236	AcD3-MEAPTTAYKKTPIEAASSGAR-COOH	GFNE↓MEAP	2	0.54321	109/47	Hematopoietic lineage cell-specific protein	
Q9R257	22	34	AcD3-STGGKEEDVSYEER-COOH	WQVL↓STGG	2	0.80024	50/45	Heme-binding protein 1	
Q9918	266	279	AcD3-ALALSOSEAEKEER-COOH	ELQL↓ALAL	1	0.46439	73/48	Hepatocyte growth factor-regulated tyrosine kinase substrate	
Q9918	268	279	AcD3-ALSOSEAEKEER-COOH	QLAL↓ALSQ	4	0.62083/0.65084	71/47	Hepatocyte growth factor-regulated tyrosine kinase substrate	
Q99020	106	114	AcD3-IKMDPNTGR-COOH	VDCT↓IKMD	1	0.50186	49/47	Heterogeneous nuclear ribonucleoprotein A/B	
Q99020	121	139	AcD3-ILFKOSSSEKVLQDQKEHR-COOH	GFGF↓ILFK	2	0.6203/0.56527	84/45	Heterogeneous nuclear ribonucleoprotein A/B	
Q99020	123	139	AcD3-FKSSSSEKVLQDQKEHR-COOH	GFIL↓FKDS	2	0.47377	116/47	Heterogeneous nuclear ribonucleoprotein A/B	
Q99020	187	199	AcD3-AIELPIDPKLNKR-COOH	GEIE↓AIEL	1	0.52112	50/40	Heterogeneous nuclear ribonucleoprotein A/B	
Q99020	188	199	AcD3-IELPIDPKLNKR-COOH	EIEA↓IELP	2	0.46811/0.49201	60/39	Heterogeneous nuclear ribonucleoprotein A/B	
Q99020	191	199	AcD3-PIDPKLNKR-COOH	AIEL↓PIDP	2	0.5528	58/41	Heterogeneous nuclear ribonucleoprotein A/B	
Q99020	231	250	AcD3-IVKVAQKEVYQQQYSGGR-COOH	SKCE↓IKVA	1	0.46712	51/47	Heterogeneous nuclear ribonucleoprotein A/B	
P49312	60	75	AcD3-VTYATVEEVDAAAMNAR-COOH	GFGF↓VTYA	1	0.37751	89/46	Heterogeneous nuclear ribonucleoprotein A1	
P49312	63	75	AcD3-ATVEEVDAAAMNAR-COOH	FVTY↓ATVE	1	0.59408	98/46	Heterogeneous nuclear ribonucleoprotein A1	
P49312	65	75	AcD3-VEEVDAAAMNAR-COOH	TYAT↓VEEV	2	0.47296	53/45	Heterogeneous nuclear ribonucleoprotein A1	
Q88G05	86	96	AcD3-VEEVDAAAMNAR-COOH	TYSC↓VEEV	4	0.51716/0.48456	52/43	Heterogeneous nuclear ribonucleoprotein A3	
Q60668	211	222	AcD3-IELPMDNKTKR-COOH	EVEF↓IELP	2	0.36099/0.4647	51/47	Heterogeneous nuclear ribonucleoprotein D0	
Q922X1	222	230	AcD3-IVKQAGLDR-COOH	RYIG↓IVKQ	4	0.57557/0.67036	70/43	Heterogeneous nuclear ribonucleoprotein F	
Q35737	309	316	AcD3-FSPLNVR-COOH	IYNF↓FSPL	1	0.59155	52/46	Heterogeneous nuclear ribonucleoprotein H	Q922X1 (309-316)
P61979	360	377	AcD3-AYEPQGGSGYDYSYAGGR-COOH	EWQM↓AYEP	1	0.63332	45/42	Heterogeneous nuclear ribonucleoprotein K	
Q921F4	426	436	AcD3-VEMEDGEYAVR-COOH	GTAL↓VEMG	1	0.54783	45/44	Heterogeneous nuclear ribonucleoprotein L-like	
Q9D0E1	374	381	AcD3-ILSNALKR-COOH	RINE↓ILSN	1	0.46377	52/40	Heterogeneous nuclear ribonucleoprotein M	
Q8VDM6	111	126	AcD3-YETPVIKQENESSYDR-COOH	QNQF↓YETP	1	0.68872	63/47	Heterogeneous nuclear ribonucleoprotein U-like protein 1	
O88569	67	82	AcD3-VTFSSMAEVDAAAMNAR-COOH	GFGF↓VTFS	1	0.67591	61/45	Heterogeneous nuclear ribonucleoproteins A2/B1	
O88569	73	82	AcD3-AEVDAAAMNAR-COOH	FSSM↓AEVD	3	0.58839/0.66917	62/46	Heterogeneous nuclear ribonucleoproteins A2/B1	
O88569	318	325	AcD3-SGNFSGSR-COOH	GPMK↓SGNF	1	0.80277	52/46	Heterogeneous nuclear ribonucleoproteins A2/B1	
P17710	444	452	AcD3-ATLGAILNR-COOH	NLVA↓ATLG	2	0.54601	81/44	Hexokinase-1	
P17710	585	595	AcD3-LALDLGGTNFR-COOH	HGDF↓LALD	2	0.49463	87/47	Hexokinase-1	O08528 (81-91), Q3TRM8 (537-547), Q91W97 (529-539)
P17710	947	966	AcD3-LLEDGSGKGAALITAVGVR-COOH	TVSF↓LLESE	1	0.54267	69/44	Hexokinase-1	
O08528	891	910	AcD3-LESEDSGKGAALITAVACR-COOH	DVSF↓LESE	1	0.46777	84/47	Hexokinase-2	
P62748	169	181	AcD3-FIKGAKSDPSIVR-COOH	SLEE↓FIKG	2	0.6617	49/43	Hippocalcin-like protein 1	
P62748	170	181	AcD3-IKGAKSDPSIVR-COOH	LEEF↓IKGA	4	0.61266/0.588	77/42	Hippocalcin-like protein 1	
P70349	10	24	AcD3-VAQPGGDTIFGKIIR-COOH	AKAQ↓VAQP	1	0.4613	61/44	Histidine triad nucleotide-binding protein 1	
P43275	62	81	AcD3-AALKKSLAAGYDVEKNNSR-COOH	GVSL↓AALK	1	0.50939	60/45	Histone H1.1	
P43275	69	81	AcD3-AAAGYDVEKNNSR-COOH	KKSL↓AAAG	2	0.54273	87/47	Histone H1.1	P15864 (67-79), P43274 (67-79), P43277 (68-80), Q07133 (69-81)
P15864	44	54	AcD3-ITKAAVASKER-COOH	VSEL↓ITKA	2	0.47221	66/43	Histone H1.2	P43274 (44-54), P43277 (45-55)
P15864	60	79	AcD3-AALKKALAAAGYDVEKNNSR-COOH	GVSL↓AALK	3	0.47622/0.5285	110/45	Histone H1.2	P43274 (60-79), P43277 (61-80), Q07133 (62-81)
P43276	44	54	AcD3-ITKAVASKER-COOH	VSEL↓ITKA	2	0.45539	56/44	Histone H1.5	
P22752	60	72	AcD3-TAEILELAGNAAR-COOH	LEYL↓TAEI	4	0.51399/0.50168	102/47	Histone H2A type 1	P27661 (60-72), Q64522 (60-72), Q64523 (60-72), Q6GSS7 (60-72), Q8BFU2 (60-72), Q8CGP5 (60-72), Q8CGP6 (60-72), Q8CGP7 (60-72), Q8R1M2 (60-72), Q9QZQ8 (57-69)
P22752	63	72	AcD3-ILELAGNAAR-COOH	LTAE↓ILEL	11	0.42721/0.53715/0.4281	96/46	Histone H2A type 1	P27661 (63-72), Q64522 (63-72), Q64523 (63-72), Q6GSS7 (63-72), Q8BFU2 (63-72), Q8CKO (60-69), Q8CGP5 (63-72), Q8CGP6 (63-72), Q8CGP7 (63-72), Q8R1M2 (63-72), Q9QZQ8 (60-69)
Q64523	58	72	AcD3-YLTAIEILELAGNAAR-COOH	AVLE↓YLTA	2	0.64593	96/46	Histone H2A type 2-C	P22752 (58-72), P27661 (58-72), Q64522 (58-72), Q6GSS7 (58-72), Q8BFU2 (58-72), Q8CGP5 (58-72), Q8CGP6 (58-72), Q8CGP7 (58-72), Q8R1M2 (58-72), Q9QZQ8 (55-69)

Q3THW5	66	81	AcD3-VLELAGNASKDLKVKR-COOH	LTAE↓VLEL	8	0.51502/0.55256/0.64474/0.78221/0.57621	117/41	Histone H2A.V	POC056 (66-81)
POC056	63	81	AcD3-TAEVLELAGNASKDLKVKR-COOH	LEYL↓TAEV	1	0.75634	120/42	Histone H2A.Z	Q3THW5 (63-81)
POC056	68	81	AcD3-ELAGNASKDLKVKR-COOH	AEVL↓ELAG	1	0.61371	64/43	Histone H2A.Z	Q3THW5 (68-81)
POC056	70	81	AcD3-AGNASKDLKVKR-COOH	VLEL↓AGNA	3	0.46068/0.55544	61/42	Histone H2A.Z	Q3THW5 (70-81)
Q64475	66	73	AcD3-FVNDIFER-COOH	IMNS↓FVND	2	0.75516	70/47	Histone H2B type 1-8	P10853 (66-73), P10854 (66-73), Q64478 (66-73), Q64524 (66-73), Q64525 (66-73), Q6ZWY9 (66-73), Q8CGP0 (66-73), Q8CGP1 (66-73), Q8CGP2 (66-73), Q9D2U9 (66-73)
Q99L47	158	168	AcD3-VKLQKPNAAIR-COOH	ASVF↓VKLQ	1	0.55395	59/37	Hsc70-interacting protein	
Q99L47	205	221	AcD3-ALACKLDYDEASAMLR-COOH	AHDL↓ALAC	1	0.6549	65/46	Hsc70-interacting protein	
Q99L47	207	221	AcD3-ACKLDYDEASAMLR-COOH	DLAL↓ACKL	2	0.5684	98/45	Hsc70-interacting protein	
Q99L47	211	221	AcD3-DYDEASAMLR-COOH	ACKL↓DYDE	1	0.60526	49/41	Hsc70-interacting protein	
Q61081	130	145	AcD3-VNTKPEKAEEDSEEAR-COOH	SKMS↓VNTK	1	0.63047	72/47	Hsp90 co-chaperone Cdc37	
Q8VD75	925	932	AcD3-TQLQOASR-COOH	SINL↓TQLQ	1	0.40289	48/47	Huntingtin-interacting protein 1	
Q35343	76	96	AcD3-IVQNASSDNQIGLQVQAAR-COOH	SLEA↓IVQN	1	0.57199	65/47	Importin subunit alpha-4	
Q9EPL8	772	779	AcD3-EVKTSELR-COOH	RLTR↓EVKT	1	0.42397	35/33	Importin-7	
O88351	413	419	AcD3-ILQEPKR-COOH	SVSC↓ILQE	1	0.55629	46/42	Inhibitor of nuclear factor kappa-B kinase subunit beta	
Q9D819	60	79	AcD3-IATKDPNPIKQDVKGGKLR-COOH	AKME↓IATK	1	0.315	44/33	Inorganic pyrophosphatase	
P24547	186	203	AcD3-VVAPAGVTLKEANEILQR-COOH	REDL↓VVAP	2	0.53847	105/44	Inosine 5'-monophosphate dehydrogenase 2	P50096 (186-203)
O88844	210	222	AcD3-STKNTILKLYDGR-COOH	PLYL↓STKN	1	0.77511	56/45	Iso citrate dehydrogenase [NADP] cytoplasmic	
Q9CX00	196	211	AcD3-IDVGTDDYKKGPGGR-COOH	ETDL↓IDVG	2	0.59513	79/47	IST1 homolog	
Q9DB55	346	358	AcD3-LCQNGQKYEAVER-COOH	NLAL↓LCQN	2	0.53155/0.44695	71/47	Kinesin light chain 4	
Q61768	947	956	AcD3-VQNNQPVGLR-COOH	GGSF↓VQNN	1	0.63042	68/47	Kinesin-1 heavy chain	
O08672	628	635	AcD3-VDLAGSER-COOH	TLHL↓VDLA	1	0.65614	62/47	Kinesin-like protein KIFC2	O35066 (245-252), O35071 (247-254), O35231 (671-678), P28741 (249-256), P33173 (247-254), P33174 (240-247), Q60575 (247-254), Q61771 (244-251), Q6P9L6 (264-271), Q6RT24 (234-241), Q7M6Z4 (243-250), Q99PW8 (239-246), Q9EQW7 (251-258), Q9QWT9 (565-572), Q9QXL1 (273-280), Q9QXL2 (273-280), Q9WV04 (244-251)
Q99KP3	176	185	AcD3-MKIGQSPVR-COOH	TYAL↓MKKI	1	0.52014	45/44	Lambda-crystallin homolog	
Q9Z1R2	18	29	AcD3-EVLVKTLDQTR-COOH	PDSL↓EVLV	1	0.7935	71/45	Large proline-rich protein BAT3	
Q9Z1R2	1065	1072	AcD3-LSGMPAKR-COOH	SDAY↓LSGM	1	0.69746	54/46	Large proline-rich protein BAT3	
P70202	33	48	AcD3-LVQTVQQASKEIPGR-COOH	HKLF↓LVQT	2	0.47464/0.54844	59/46	Latexin	
P70202	34	48	AcD3-VQTVQQASKEIPGR-COOH	KLFL↓VQTV	2	0.5442/0.55276	64/47	Latexin	
Q3UZ39	77	85	AcD3-ASLGGTSSR-COOH	AATL↓ASLG	1	0.55932	60/47	Leucine-rich repeat flightless-interacting protein 1	
Q3UZ39	179	186	AcD3-AEVKEALR-COOH	QFQF↓AEVK	2	0.56854	70/45	Leucine-rich repeat flightless-interacting protein 1	
Q3UZ39	387	401	AcD3-GQTAEDIKVTCTDSR-COOH	DYIL↓GQTA	2	0.71241	75/46	Leucine-rich repeat flightless-interacting protein 1	
Q505F5	28	36	AcD3-LTGPGLER-COOH	RELL↓LTGP	2	0.48514	62/47	Leucine-rich repeat-containing protein 47	
Q88MJ2	727	742	AcD3-LTLSQAVDKFSADGMR-COOH	TGNF↓LTLS	2	0.54909	107/48	Leucyl-tRNA synthetase, cytoplasmic	
Q88MJ2	997	1008	AcD3-MIKENMEKKGPR-COOH	PFVA↓MIKE	2	0.52555	76/48	Leucyl-tRNA synthetase, cytoplasmic	
Q55V42	294	308	AcD3-FSSSKADLSGMSGSR-COOH	VQDL↓FSSS	2	0.35997	96/46	Leukocyte elastase inhibitor C	Q9D154 (297-311)
P24527	41	51	AcD3-LTVGSQEENLR-COOH	GTAAL↓LTVQ	1	0.46056	70/48	Leukotriene A-4 hydrolase	
Q99JW4	160	173	AcD3-NCANCGKELTADAR-COOH	PDHF↓NCAN	2	0.58122	82/44	LIM and senescent cell antigen-like-containing domain protein 1	
Q61792	65	73	AcD3-VADTPENLR-COOH	SFTM↓VADT	6	0.5166/0.48411	67/48	LIM and SH3 domain protein 1	
Q61792	99	109	AcD3-SVADTPELQR-COOH	KGKF↓SVVA	1	0.64191	51/47	LIM and SH3 domain protein 1	
Q88GB5	97	109	AcD3-FKSKGNVDEGFR-COOH	FQQL↓FKSK	1	0.66946	74/47	LIM domain-containing protein 2	
O88951	106	121	AcD3-NIMGGKEQNPYISR-COOH	GLGF↓NIMG	1	0.70369	50/48	Lin-7 homolog B	O88952 (106-121)
Q88FW7	100	114	AcD3-KVQQGNPGGKTLER-COOH	EGAF↓KVQQ	3	0.65857/0.60088	111/47	Lipoma-preferred partner homolog	
P06151	253	268	AcD3-GLSVADLAESIMKNLR-COOH	SWAI↓GLSV	1	0.68678	86/47	L-lactate dehydrogenase A chain	
P06151	303	315	AcD3-VVKVTLTPEEAR-COOH	GISD↓VVKV	2	0.48575	83/46	L-lactate dehydrogenase A chain	
P00342	92	99	AcD3-VIITAGAR-COOH	NSKL↓VIIT	4	0.4689/0.42585	76/44	L-lactate dehydrogenase C chain	P06151 (92-99)
P19973	223	234	AcD3-QQYQATSSGR-COOH	DERL↓QQYT	2	0.60717	63/46	Lymphocyte-specific protein 1	
P19973	225	234	AcD3-YTQATSSGR-COOH	RLQQ↓YTQA	2	0.57662	81/45	Lymphocyte-specific protein 1	
O09159	847	856	AcD3-LSSVDAAR-COOH	HLVL↓LSSV	9	0.68094/0.65611/0.54178	90/47	Lysosomal alpha-mannosidase	
O09159	952	965	AcD3-LQETTLAANQPISR-COOH	TINY↓LQET	2	0.72871/0.70246	97/47	Lysosomal alpha-mannosidase	
P16675	405	417	AcD3-FVDSLNQKMEVQR-COOH	GDEW↓FVDS	2	0.71058	58/47	Lysosomal protective protein	
P34884	5	12	AcD3-IVNTNPR-COOH	MPMF↓IVNT	16	0.62033/0.57897/0.56283/0.61095	71/45	Macrophage migration inhibitory factor	
P34884	65	74	AcD3-IGKIGGAQNR-COOH	SLHS↓IGKI	1	0.68249	47/46	Macrophage migration inhibitory factor	

P34884	80	87	AcD3-LCGLLSDR-COOH	YSKL↓LCGL	1	0.46267	62/47	Macrophage migration inhibitory factor	
P34884	81	87	AcD3-CGLLSDR-COOH	SKLL↓CGLL	1	0.47399	53/47	Macrophage migration inhibitory factor	
P24452	142	151	AcD3-YQVKGKKNR-COOH	IRKL↓YQVK	2	0.51575	73/42	Macrophage-capping protein	
P24452	332	339	AcD3-VELPQGR-COOH	PNTQ↓VEIL	1	0.42739	48/45	Macrophage-capping protein	
Q9EQK5	75	82	AcD3-FDVTGQVR-COOH	SSVL↓FDVT	2	0.50617	71/48	Major vault protein	
Q9EQK5	390	399	AcD3-VQDVKTGKVR-COOH	EGY↓VQDV	3	0.51209/0.52949	66/43	Major vault protein	
Q9EQK5	715	729	AcD3-AVESTGNAKAEASR-COOH	AMSM↓AVES	3	0.54163	105/47	Major vault protein	
P14152	82	92	AcD3-DVAVLVGSMPR-COOH	FKDL↓DVAV	1	0.37493	78/47	Malate dehydrogenase, cytoplasmic	
P14152	224	230	AcD3-ITVQQR-COOH	KGEF↓ITTV	1	0.51015	51/45	Malate dehydrogenase, cytoplasmic	
Q64327	70	88	AcD3-VELAPVGEDEGAADIQDR-COOH	EQEE↓VELA	1	0.58715	55/47	Male-enhanced antigen 1	
Q8BTZ7	5	13	AcD3-ILVGYGTR-COOH	MKAL↓ILVG	2	0.59284	70/46	Mannose-1-phosphate guanyltransferase beta	
Q9DBG5	136	150	AcD3-VSSSVSAKETVATR-COOH	AQEM↓VSSS	1	0.56719	72/47	Mannose-6-phosphate receptor-binding protein 1	
Q9DBG5	218	234	AcD3-IATPPEDSDMASLQQQR-COOH	ELAL↓IATP	4	0.64397/0.58624	85/46	Mannose-6-phosphate receptor-binding protein 1	
Q9DBG5	281	293	AcD3-GLMESVKQGVDQR-COOH	TSVL↓GLME	1	0.58035	56/48	Mannose-6-phosphate receptor-binding protein 1	
Q3UMW7	351	362	AcD3-VKIKDLKTSNNR-COOH	DYDQ↓VKIK	1	0.6939	65/41	MAP kinase-activated protein kinase 3	
P45952	40	53	AcD3-ELTEQKEFQATAR-COOH	GFSE↓ELTE	1	0.54835	83/48	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	
P45952	42	53	AcD3-TEQKEFQATAR-COOH	SFEL↓TEQQ	2	0.58117	76/47	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	
Q9R190	608	614	AcD3-VATKTR-COOH	PVVF↓VATK	1	0.60681	59/46	Metastasis-associated protein MTA2	
Q99LB6	159	181	AcD3-YGKTKLDGKAVLENNLGAAVLR-COOH	PLNL↓YGKT	1	0.57377	54/43	Methionine adenosyltransferase 2 subunit beta	
Q9QXZ0	5277	5299	AcD3-LETQSCASDTSSESSAAGGQSSR-COOH	DFDL↓LETQ	1	0.77746	49/41	Microtubule-actin cross-linking factor 1	
P27546	7	23	AcD3-VDALTEPPPEIEGKIKR-COOH	DLSL↓VDAL	1	0.5416	61/47	Microtubule-associated protein 4	
P27546	154	168	AcD3-FVSSGPTNASAFTR-COOH	ADLL↓FVSS	2	0.53294	94/47	Microtubule-associated protein 4	
P27546	623	641	AcD3-EQKETPGSQSPSEPCGVSRR-COOH	LENL↓EQKE	1	0.63299	51/45	Microtubule-associated protein 4	
Q8VCF0	161	170	AcD3-LQTN5GAVAR-COOH	SEQL↓LQTN	4	0.59194/0.59369	65/47	Mitochondrial antiviral-signaling protein	
Q9WWA2	23	31	AcD3-IEVETQKQR-COOH	LQHF↓IEVE	2	0.43847	51/46	Mitochondrial import inner membrane translocase subunit Tim8 A	
Q99K90	409	420	AcD3-ISTNSGSPAASR-COOH	PTLF↓ISTN	2	0.62614	98/47	Mitogen-activated protein kinase kinase kinase 7-interacting protein 2	
P26041	226	233	AcD3-NIYEQNDR-COOH	ALGL↓NIYE	1	0.56121	55/45	Moesin	
P26041	323	330	AcD3-LENEKKR-COOH	ERAL↓LENE	3	0.53734/0.53353	52/43	Moesin	P26043 (323-330)
P26041	418	427	AcD3-ASEMAELTAR-COOH	QEQL↓ASEM	1	0.5122	63/46	Moesin	
P26041	526	533	AcD3-TSELANAR-COOH	LKAL↓TSEL	1	0.61659	50/47	Moesin	
Q9CWP6	24	35	AcD3-VYTEKSEKYSR-COOH	FEAE↓VYTE	1	0.48126	51/47	Motile sperm domain-containing protein 2	
Q921Y0	208	216	AcD3-IEKLGSKDR-COOH	LOEL↓IEKL	1	0.65306	55/45	Mps one binder kinase activator-like 1B	
Q9D0L8	54	69	AcD3-VEQNSSYYQDPSPKKR-COOH	GEDL↓VEQN	2	0.54346	89/48	mRNA cap guanine-N7 methyltransferase	
Q08539	45	60	AcD3-EQCQVQFNKQLTGTGR-COOH	DEQF↓EQCV	2	0.62467	88/47	Myc box-dependent-interacting protein 1	
Q60605	29	37	AcD3-YSQCGDVMR-COOH	GKIL↓YSQC	4	0.58097/0.53862	57/42	Myosin light polypeptide 6	
Q3THE2	24	45	AcD3-AMFQDSIQEFKEAFNMIDQNR-COOH	SNVF↓AMFD	1	0.5625	62/44	Myosin regulatory light chain 12B	Q9CQ19 (24-45)
Q3THE2	34	45	AcD3-FKEAFNMIDQNR-COOH	QIQE↓FKEA	3	0.63502/0.50718	83/47	Myosin regulatory light chain 12B	Q9CQ19 (34-45)
Q08638	226	241	AcD3-EAFGNAKTVMNDSSR-COOH	NPIL↓EAFG	2	0.49528	83/48	Myosin-11	Q6URW6 (250-265), Q8VDD5 (219-234)
Q8VDD5	152	159	AcD3-AITDAYER-COOH	PHY↓AITD	1	0.50011	53/47	Myosin-9	
Q8VDD5	831	842	AcD3-FTKVKPLLSNIR-COOH	WWRL↓FTKV	2	0.50042	59/37	Myosin-9	
Q8VDD5	1201	1210	AcD3-LADQLEQTKR-COOH	AVEE↓LADQ	1	0.60729	50/46	Myosin-9	
P70248	1010	1022	AcD3-LNVPDQGVAGMQR-COOH	STEF↓LNVP	2	0.58561/0.60911	57/47	Myosin-If	
P62774	16	30	AcD3-DEVKDYVAKGEDVNR-COOH	NGDL↓DEVK	2	0.56683/0.50779	81/47	Myotrophin	
P62774	18	30	AcD3-VKDYVAKGEDVNR-COOH	DLDE↓VKDY	6	0.57769/0.54596/0.49965	111/48	Myotrophin	
P62774	21	30	AcD3-YVAKGEDVNR-COOH	EVKD↓YVAK	2	0.3945	73/48	Myotrophin	
P62774	22	30	AcD3-VAKGEDVNR-COOH	VKDY↓VAKG	5	0.51499/0.55181/0.57229	55/47	Myotrophin	
Q8K296	651	667	AcD3-SSFASAGEEVPAMDLSR-COOH	SLEL↓SSFA	1	0.51819	51/45	Myotubularin-related protein 3	
Q9Z2D0	4	11	AcD3-AELIKTPR-COOH	MEF↓AELI	1	0.57194	60/42	Myotubularin-related protein 9	
Q64191	88	106	AcD3-DAMIMDGTAMDVGAVGLLR-COOH	ETTL↓DAMI	1	0.47863	57/45	N(4)-(beta-N-acetylglucosaminy)-L-asparaginase	
Q64191	90	106	AcD3-MIMDGTAMDVGAVGLLR-COOH	TLDA↓MIMD	1	0.63102	55/45	N(4)-(beta-N-acetylglucosaminy)-L-asparaginase	
P70441	321	330	AcD3-NISLAVAKER-COOH	ILDL↓NISL	1	0.65288	57/43	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	
Q9QZ08	124	132	AcD3-ISGTGNSCR-COOH	GIVL↓ISGT	2	0.57949	69/46	N-acetyl-D-glucosamine kinase	
Q8BFR4	500	511	AcD3-MMLQSCSGPTCR-COOH	NYRL↓MMLQ	3	0.72557/0.76479	77/38	N-acetylglucosamine-6-sulfatase	
P70670	2028	2043	AcD3-AAEIDPEPVSKAQSR-COOH	QLAA↓AAEI	2	0.50905	114/47	Nascent polypeptide-associated complex subunit alpha, muscle-specific form	Q60817 (56-71)
Q8C878	102	111	AcD3-DTIDVSNLNR-COOH	VIDM↓DTID	1	0.46328	61/47	NEDD8-activating enzyme E1 catalytic subunit	Q9Z1F9 (50-59)
Q8VBW6	340	347	AcD3-IKLQNVYR-COOH	SNKY↓IKLQ	1	0.5725	45/43	NEDD8-activating enzyme E1 regulatory subunit	
Q9CQ45	73	83	AcD3-DVTSKGFEYGR-COOH	GVVF↓DVTS	1	0.64683	56/47	Neudisin	
Q6ZQA0	2700	2711	AcD3-IVVAGAGQPSEVR-COOH	DGKL↓IVVG	3	0.52402/0.5283	69/46	Neurobechin-like protein 2	
Q09014	280	292	AcD3-LQKAGEEITQQR-COOH	PSMY↓LQKA	1	0.7705	48/47	Neutrophil cytosol factor 1	
Q09014	281	292	AcD3-QKAGEEITQQR-COOH	SMYL↓QKAG	2	0.80227	59/47	Neutrophil cytosol factor 1	
O70145	145	155	AcD3-ALATNMKSEPR-COOH	EEQL↓ALAT	1	0.56926	60/47	Neutrophil cytosol factor 2	

P97369	306	311	AcD3-MVKQAR-COOH	DVGL↓MVKQ	1	0.6385	47/46	Neutrophil cytosol factor 4	
Q88ZW8	427	437	AcD3-FVADSESVTVR-COOH	WSCL↓FVAD	2	0.74479	69/47	NHL repeat-containing protein 2	
Q9D0T1	26	36	AcD3-VQQSCNRYQLR-COOH	LLDL↓VQQS	1	0.40877	51/47	NHP2-like protein 1	
Q80UM3	786	796	AcD3-ATLDGSLTNR-COOH	AIEL↓ATTL	2	0.50714	77/47	NMDA receptor-regulated protein 1	
Q9C244	289	301	AcD3-INEAPEPTTIQIR-COOH	SSIL↓INEA	2	0.44637/0.46073	52/47	NSFL1 cofactor p47	
Q9WTK5	149	156	AcD3-IMIQLQR-COOH	NMME↓IMIQ	1	0.61241	46/43	Nuclear factor NF-kappa-B p100 subunit	
O35685	288	296	AcD3-VEKMMYDQR-COOH	TRSM↓VEKM	1	0.52571	47/45	Nuclear migration protein nudC	
P62960	110	140	AcD3-DVVEGEKGAEEANVTGPGGVQGSKYAADR-COOH	TVFE↓DVVE	1	0.44658	65/47	Nuclease-sensitive element-binding protein 1	
Q8R5K4	556	563	AcD3-LTLGLFLFR-COOH	DAGT↓LTLG	1	0.70362	43/42	Nucleolar protein 6	
Q61937	133	142	AcD3-VKLLGMSGKR-COOH	DEED↓VKLL	1	0.40592	54/43	Nucleophosmin	
Q61937	181	196	AcD3-DEEETEKEVPVKKSVR-COOH	DDDF↓DEEE	4	0.41642/0.43095	74/47	Nucleophosmin	
Q61937	183	196	AcD3-EETEKEVPVKKSVR-COOH	DFDE↓EETE	1	0.45916	55/46	Nucleophosmin	
Q61937	184	196	AcD3-EETEKEVPVKKSVR-COOH	FDEE↓EETE	1	0.79041	52/44	Nucleophosmin	
Q9JIH2	28	38	AcD3-SVASEEVMKNR-COOH	MGTG↓SVAS	2	0.80375	60/48	Nucleoporin 50 kDa	
P15532	9	18	AcD3-IAIKPDGVQR-COOH	ERTF↓IAIK	3	0.4492	54/45	Nucleoside diphosphate kinase A	Q01768 (9-18)
P15532	82	88	AcD3-NVVKTR-COOH	WEGE↓NVVK	2	0.41464/0.42926	50/44	Nucleoside diphosphate kinase A	Q01768 (82-88)
P15532	92	105	AcD3-GETNPADSPKPTIR-COOH	RVML↓GETN	2	0.48803	60/48	Nucleoside diphosphate kinase A	Q01768 (92-105)
Q62422	176	200	AcD3-ALDMATNAACASLKKKQQTGDGAR-COOH	EKML↓ALDM	1	0.66407	49/47	Osteoclast-stimulating factor 1	
Q62422	180	200	AcD3-ATNAACASLKKKQQTGDGAR-COOH	ALDM↓ATNA	4	0.58912/0.56487/0.62181	93/47	Osteoclast-stimulating factor 1	
Q62422	182	200	AcD3-NAACASLKKKQQTGDGAR-COOH	DMAT↓NAAC	1	0.62281	57/46	Osteoclast-stimulating factor 1	
Q8CI95	181	191	AcD3-ASSGNSPISQR-COOH	SFSL↓ASSG	2	0.57826	80/47	Oxysterol-binding protein-related protein 11	
Q88531	202	209	AcD3-LADINQER-COOH	YISF↓LADI	2	0.63845	57/47	Palmitoyl-protein thioesterase 1	
Q8V136	225	247	AcD3-ESSVPSVPVPAITVNOGEMSSPQR-COOH	LDEL↓ESSV	1	0.63236	54/47	Paxillin	
Q8R1G6	263	272	AcD3-SSQASLPTSR-COOH	PSSL↓SSQA	1	0.61139	53/47	PDZ and LIM domain protein 2	
P17742	8	19	AcD3-FDITADEPLGR-COOH	PTVF↓FDIT	37	0.48707/0.40127/0.38691/0.4857/0.38766/0.48432	99/46	Peptidyl-prolyl cis-trans isomerase A	
P17742	9	19	AcD3-DITADEPLGR-COOH	TVFF↓DITA	4	0.52446/0.47978	83/47	Peptidyl-prolyl cis-trans isomerase A	
P17742	23	37	AcD3-ELFADKVPKTAENFR-COOH	RVSF↓ELFA	4	0.46967/0.33762	110/47	Peptidyl-prolyl cis-trans isomerase A	
P17742	25	37	AcD3-FADKVPKTAENFR-COOH	SFEL↓FADK	65	0.45713/0.45159/0.45021/0.47376/0.48308/0.48481/0.48149/0.4519/0.48578	98/47	Peptidyl-prolyl cis-trans isomerase A	
P17742	61	69	AcD3-MCQGGDFTR-COOH	IPGF↓MCQG	28	0.45434/0.48227/0.46413/0.45229/0.45004	79/38	Peptidyl-prolyl cis-trans isomerase A	
P17742	130	144	AcD3-GKVKGMNIVEAMER-COOH	HVVV↓GKVK	3	0.60001/0.62476	96/48	Peptidyl-prolyl cis-trans isomerase A	
P24369	50	59	AcD3-LQIGDESVGR-COOH	VYFD↓LQIG	1	0.5077	58/47	Peptidyl-prolyl cis-trans isomerase B	
P24369	51	59	AcD3-QIGDESVGR-COOH	YFDL↓QIGD	3	0.50662/0.46023	64/47	Peptidyl-prolyl cis-trans isomerase B	
P24369	101	109	AcD3-MIQGGDFTR-COOH	IKDF↓MIQG	6	0.52216/0.51234/0.47141/0.50696	59/47	Peptidyl-prolyl cis-trans isomerase B	
P26883	63	72	AcD3-GVAQMSVGR-COOH	GWEE↓GVAQ	2	0.50753	69/47	Peptidyl-prolyl cis-trans isomerase FKBP1A	
Q9QUR7	106	121	AcD3-ESLASQFSCSSAKAR-COOH	EEDF↓ESLA	1	0.57875	86/45	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	
Q9QUR7	109	121	AcD3-ASQFSCSSAKAR-COOH	FESL↓ASQF	2	0.61316	81/45	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	
Q99KR7	49	60	AcD3-LDVGADGQPLGR-COOH	PLVV↓LDVG	1	0.42799	63/47	Peptidyl-prolyl cis-trans isomerase, mitochondrial	
Q99KR7	64	78	AcD3-ELKADVVPKTAENFR-COOH	RVVL↓ELKA	2	0.46262	67/46	Peptidyl-prolyl cis-trans isomerase, mitochondrial	
Q9D0W5	61	72	AcD3-MIQGGDPTGTGR-COOH	IKDF↓MIQG	4	0.40127/0.42363	98/46	Peptidyl-prolyl cis-trans isomerase-like 1	
P99029	160	172	AcD3-LLDLSVLSFGNR-COOH	ATDL↓LLDD	1	0.63238	74/47	Peroxiredoxin-5, mitochondrial	
P99029	166	172	AcD3-VSLFGNR-COOH	DDSL↓VSLF	1	0.56186	58/47	Peroxiredoxin-5, mitochondrial	
Q8C0C7	143	156	AcD3-VQAGQAEKAEKER-COOH	RLQL↓VQAG	2	0.4779	108/46	Phenylalanyl-tRNA synthetase alpha chain	
P70296	67	76	AcD3-VLTPDPAFPR-COOH	LYTL↓VLTD	1	0.45526	51/47	Phosphatidylethanolamine-binding protein 1	
Q7M6Y3	251	261	AcD3-LKVAEQVGIDR-COOH	ISEF↓LKVA	2	0.61306	75/44	Phosphatidylinositol-binding clathrin assembly protein	
Q7M6Y3	283	298	AcD3-ASLEGGIKKIDSTAASR-COOH	EOHL↓ASLE	1	0.67964	81/46	Phosphatidylinositol-binding clathrin assembly protein	
Q8CYR6	20	29	AcD3-ILQYGTAGFR-COOH	PGGL↓ILQY	2	0.36453	72/47	Phosphoacetylglucosamine mutase	
Q9D0F9	40	52	AcD3-IQSIIVTEPALR-COOH	AENF↓IQSI	2	0.45258	57/45	Phosphoglucomutase-1	
Q9D0F9	542	552	AcD3-IALKVSQLOER-COOH	PLIS↓IALK	5	0.5886/0.57025/0.53066	61/42	Phosphoglucomutase-1	
Q9D0F9	543	552	AcD3-ALKVSQLOER-COOH	LISI↓ALKV	2	0.7828	64/45	Phosphoglucomutase-1	
Q7TSV4	47	56	AcD3-IAGGNKEELR-COOH	VKQL↓IAGG	1	0.49617	70/47	Phosphoglucomutase-2	
P09411	10	18	AcD3-DKLDVKGR-COOH	KITL↓DKLD	6	0.5241/0.49098/0.52184	74/42	Phosphoglycerate kinase 1	
P09411	96	123	AcD3-LKDCVGFVENACANPAAGTVILLENLR-COOH	DVLF↓LKDC	1	0.45208	59/47	Phosphoglycerate kinase 1	
P09411	315	330	AcD3-DCGTSSSKYAEAVGR-COOH	WMGL↓DCGT	1	0.49189	77/47	Phosphoglycerate kinase 1	
P09411	356	365	AcD3-MDEVVKATSR-COOH	TKSL↓MDEV	5	0.48022/0.48168/0.46835	74/47	Phosphoglycerate kinase 1	
P09411	359	365	AcD3-VVKATSR-COOH	LMDE↓VVKAT	2	0.47091	55/42	Phosphoglycerate kinase 1	
P09041	26	39	AcD3-NVPMKNNQNTNQR-COOH	RVDF↓NVPM	7	0.47696/0.47874/0.47102/0.48729	90/47	Phosphoglycerate kinase 2	P09411 (26-39)
Q9DBJ1	145	162	AcD3-LTEDQLPSCESLKDITAR-COOH	RYAD↓LTED	2	0.45386	64/47	Phosphoglycerate mutase 1	
Q9DBJ1	146	162	AcD3-TEDQLPSCESLKDITAR-COOH	YADL↓TEDQ	4	0.49497/0.48008	89/47	Phosphoglycerate mutase 1	
Q9DBJ1	148	162	AcD3-DQLPSCESLKDITAR-COOH	DLTE↓DQLP	1	0.50099	63/48	Phosphoglycerate mutase 1	
Q9DBJ1	151	162	AcD3-PSCESLKDITAR-COOH	EDQL↓PSC	4	0.46838/0.58806	85/48	Phosphoglycerate mutase 1	
Q9DBJ1	170	180	AcD3-EIVPQIKEGR-COOH	FWNE↓EIVP	6	0.50555/0.5037	84/44	Phosphoglycerate mutase 1	

Q9DBJ1	221	240	AcD3-DKNLKPMPQFLGDEETVR-COOH	VYEL↓DKNL	2	0.5082/0.52502	47/46	Phosphoglycerate mutase 1	
O70250	183	191	AcD3-IAAHGNLSR-COOH	QRVL↓IAAH	2	0.48769/0.4242	59/47	Phosphoglycerate mutase 2	Q9DBJ1 (183-191)
Q8CHP8	195	203	AcD3-LVGTNMDNR-COOH	PDCL↓LVGT	1	0.61836	51/46	Phosphoglycolate phosphatase	
Q8BG07	457	464	AcD3-IVSQTKPR-COOH	GVGL↓IVSQ	1	0.62967	54/43	Phospholipase D4	
Q8BQ30	571	582	AcD3-LLQPGLOGGLR-COOH	EEEE↓LLLQ	2	0.5479	53/41	Phostensin	
Q8BQ30	572	582	AcD3-LLQPGLOGGLR-COOH	EELL↓LLQP	2	0.50734	63/42	Phostensin	
P12388	123	136	AcD3-LESANKLFGKSAR-COOH	GDYL↓LESA	1	0.56743	72/47	Plasminogen activator inhibitor 2, macrophage	
Q61233	349	357	AcD3-FVTATDVVR-COOH	GCRQ↓FVTA	2	0.47682	55/47	Plastin-2	
Q61233	350	357	AcD3-VTATDVVR-COOH	CRQF↓VTAT	2	0.45242	60/46	Plastin-2	
Q61233	463	488	AcD3-AVDLGNQAKFSLVGIAGQDLNEGMR-COOH	NCNY↓AVDL	1	0.45974	73/46	Plastin-2	
Q61233	476	488	AcD3-VGIAGQDLNEGMR-COOH	KFSL↓VGIA	9	0.47493/0.46997/0.43475	85/47	Plastin-2	
Q61233	478	488	AcD3-IAGQDLNEGMR-COOH	SLVG↓IAGQ	2	0.7399	78/47	Plastin-2	
Q61233	569	591	AcD3-LKTENLDEEKLNNAKYAISMAR-COOH	NYDL↓LKTE	7	0.52024/0.50733/0.56322/0.45072/0.42997/0.48322	85/47	Plastin-2	
Q61233	614	626	AcD3-TVFACLMGKMKR-COOH	KMVM↓TVFA	2	0.64783	70/48	Plastin-2	
Q61233	617	626	AcD3-ACLMGKMKR-COOH	MTVF↓ACLM	8	0.57836/0.51101/0.58363	55/47	Plastin-2	
Q61233	618	626	AcD3-CLMGKMKR-COOH	TVFA↓CLMG	1	0.70491	56/47	Plastin-2	
Q9QXS1	1553	1561	AcD3-AVDAQQQR-COOH	REEA↓AVDA	1	0.49501	71/47	Plectin-1	
Q9QXS1	1578	1590	AcD3-IQAKAQVEAAER-COOH	SEAE↓IQAK	1	0.51203	72/47	Plectin-1	
Q9QXS1	3352	3362	AcD3-SLLPSEKAVR-COOH	LTGL↓SLLP	1	0.57159	54/41	Plectin-1	
Q8CG72	169	181	AcD3-AYSSVQDVQKQFAR-COOH	GISL↓AYSS	1	0.59639	70/48	Poly(ADP-ribose) glycohydrolase ARH3	
P60335	222	243	AcD3-YSIQGHTISPLDLAKNQVAR-COOH	PLDA↓YSIQ	1	0.54495	73/45	Poly(rC)-binding protein 1	
P60335	236	243	AcD3-AKLNQVAR-COOH	PLDL↓AKLN	3	0.57361/0.61455	55/44	Poly(rC)-binding protein 1	
P29341	338	356	AcD3-VCFSPPEATKAVTEMNGR-COOH	GFGF↓VCFSP	2	0.36256	78/46	Polyadenylate-binding protein 1	
P29341	340	356	AcD3-FSSPEATKAVTEMNGR-COOH	GFVC↓FSSP	1	0.40893	61/46	Polyadenylate-binding protein 1	
P29341	341	356	AcD3-SSPEATKAVTEMNGR-COOH	FVCF↓SSPE	1	0.66517	81/46	Polyadenylate-binding protein 1	
P17225	98	121	AcD3-IEMNTEEAANTMVNYTSPVLR-COOH	NQAF↓IEMN	3	0.52644/0.49301	99/45	Poly(pyrimidine tract-binding protein 1	
P17225	164	184	AcD3-AASAAVAADAGMAMAGQSPVLR-COOH	NLAL↓AASA	3	0.46677/0.5032	143/47	Poly(pyrimidine tract-binding protein 1	
P17225	338	346	AcD3-LVSNLPER-COOH	NSVL↓LVSN	2	0.49743	62/47	Poly(pyrimidine tract-binding protein 1	
P17225	339	346	AcD3-VSNLPER-COOH	SVLL↓VSNL	1	0.50346	51/47	Poly(pyrimidine tract-binding protein 1	
P17225	356	364	AcD3-FGVYGDVQR-COOH	LFIL↓FGVY	4	0.49502/0.47008	62/47	Poly(pyrimidine tract-binding protein 1	Q91231 (359-367)
P17225	357	364	AcD3-GVYGDVQR-COOH	FILF↓GVYQ	1	0.63459	48/47	Poly(pyrimidine tract-binding protein 1	Q91231 (360-367)
P22907	339	355	AcD3-ASLLLNKAKNILDVAR-COOH	GISL↓ASLL	2	0.48584	86/38	Porphobilinogen deaminase	
O70591	57	68	AcD3-VIDTLKEVDETR-COOH	EHSL↓VIDT	5	0.61458/0.57798/0.58619	58/47	Prefoldin subunit 2	
P62962	41	56	AcD3-VSITPAEVLGVLDKDR-COOH	GKTF↓VSIT	20	0.47866/0.43071/0.44914/0.46445/0.52251/0.47872/0.4185/0.39119/0.48653	104/44	Profilin-1	
P62962	60	75	AcD3-FVNLTLGGQKCSVIR-COOH	RSSF↓FVNG	7	0.49436/0.4871/0.55688	88/46	Profilin-1	
P62962	64	75	AcD3-LTLGGQKCSVIR-COOH	FVNG↓LTLG	2	0.48413	72/45	Profilin-1	
P62962	79	89	AcD3-LQDGEFTMDLR-COOH	RDSL↓LQDG	1	0.49374	64/46	Profilin-1	
Q9WU78	25	41	AcD3-IQQTYPSPGEGEQAQYCR-COOH	LVKF↓IQQT	2	0.56452	91/43	Programmed cell death 6-interacting protein	
Q9WU78	355	373	AcD3-FEKMPVSPVQSLAVFSQR-COOH	FTDL↓FEKM	3	0.55621/0.55447	94/47	Programmed cell death 6-interacting protein	
Q9WU78	706	715	AcD3-LKDLQQSAR-COOH	RDEL↓FKDL	4	0.60856/0.59399	85/44	Programmed cell death 6-interacting protein	
P56812	45	53	AcD3-AQVLQDSAR-COOH	NSIL↓AQVL	2	0.50379	70/48	Programmed cell death protein 5	
P50580	17	30	AcD3-VVTKYKMGDIANR-COOH	AEDL↓VVTK	1	0.36585	63/47	Proliferation-associated protein 2G4	
P50580	225	243	AcD3-AVDVLVSSGEGKADAGQR-COOH	HEVY↓AVDV	2	0.39725	115/47	Proliferation-associated protein 2G4	
P50580	226	243	AcD3-VDVLVSSGEGKADAGQR-COOH	EYVA↓VDVL	3	0.34779/0.3577	94/47	Proliferation-associated protein 2G4	
P50580	228	243	AcD3-VLVSSGEGKADAGQR-COOH	YAVD↓VLVS	1	0.40024	69/47	Proliferation-associated protein 2G4	
P50580	230	243	AcD3-VSSGEGKADAGQR-COOH	VDVL↓VSSG	3	0.40759/0.39877	81/48	Proliferation-associated protein 2G4	
P50580	283	290	AcD3-FEDEKKAR-COOH	TLRA↓FEDE	2	0.47644	72/47	Proliferation-associated protein 2G4	
P50580	348	364	AcD3-EVQDAELKALQSSASR-COOH	KSEM↓EVQD	1	0.4727	73/47	Proliferation-associated protein 2G4	
Q99M15	243	253	AcD3-VANDEMYEQVR-COOH	SQCC↓VAND	1	0.70069	48/45	Proline-serine-threonine phosphatase-interacting protein 2	
P97372	51	61	AcD3-SLNVADLSSLR-COOH	LOED↓SLNV	1	0.55121	50/46	Proteasome activator complex subunit 2	
P97372	53	61	AcD3-NVADLSSLR-COOH	EDSL↓NVAD	1	0.6192	52/48	Proteasome activator complex subunit 2	
Q9R1P4	109	122	AcD3-VSLIGSKTQIPTQR-COOH	VSRL↓VSLI	2	0.43244/0.46869	61/43	Proteasome subunit alpha type-1	
P49722	47	60	AcD3-ATEKKQKSILYDER-COOH	GVVL↓ATEK	3	0.44574/0.40452	76/46	Proteasome subunit alpha type-2	
P49722	98	113	AcD3-YLVYQEPIPTAQLVQR-COOH	AQQY↓YLVI	1	0.51846	77/46	Proteasome subunit alpha type-2	
O70435	11	20	AcD3-SASTFSPDGR-COOH	GYDL↓SAST	1	0.39248	57/46	Proteasome subunit alpha type-3	
Q9R1P0	36	49	AcD3-GILANDGVLLAER-COOH	GTCL↓GILA	1	0.4081	84/46	Proteasome subunit alpha type-4	
Q9R1P0	73	91	AcD3-ACSVAGITSDANVLTNLR-COOH	NEDM↓ACSV	1	0.4953	120/48	Proteasome subunit alpha type-4	
Q922U1	120	135	AcD3-ALQFGEEDADPAGMSR-COOH	VSNL↓ALQF	1	0.42108	100/44	Proteasome subunit alpha type-5	
Q9QUM9	30	43	AcD3-KAINQGGITSAVAVR-COOH	EYAF↓KAIN	1	0.50777	75/43	Proteasome subunit alpha type-6	
Q922U0	17	36	AcD3-FQVEYAEAVKKGSTAVGVR-COOH	DGHL↓FQVE	2	0.43573/0.33896	73/46	Proteasome subunit alpha type-7	
Q922U0	21	36	AcD3-YAQEAVKKGSTAVGVR-COOH	FQVE↓YQEA	2	0.53685	82/46	Proteasome subunit alpha type-7	
Q922U0	22	36	AcD3-AQEAVKKGSTAVGVR-COOH	QVEY↓AQEA	1	0.25465	80/44	Proteasome subunit alpha type-7	

Q922U0	133	143	AcD3-IVGFDFDGTGR-COOH	ISAL↓IVGF	1	0.5494	52/48	Proteasome subunit alpha type-7	
Q9CWH6	46	59	AcD3-GVEKSVAKLQDER-COOH	IVVL↓GVEK	2	0.47863	75/45	Proteasome subunit alpha type-7-like	Q922U0 (44-57)
Q9CWH6	74	83	AcD3-AFAGLTADAR-COOH	HVCM↓AFAG	3	0.44837/0.43491	76/47	Proteasome subunit alpha type-7-like	Q922U0 (72-81)
Q9CWH6	76	83	AcD3-AGLTADAR-COOH	CMAF↓AGLT	1	0.46278	49/48	Proteasome subunit alpha type-7-like	Q9R1P4 (75-82), Q922U0 (74-81)
O09061	41	55	AcD3-AIAGEDFSIVASDTR-COOH	GTVL↓AIAG	2	0.49057	61/47	Proteasome subunit beta type-1	
O09061	47	55	AcD3-FSIVASDTR-COOH	AGED↓FSIV	1	0.44711	55/48	Proteasome subunit beta type-1	
O09061	48	55	AcD3-SIVASDTR-COOH	GEDF↓SIVA	3	0.46577/0.47681	51/47	Proteasome subunit beta type-1	
O09061	92	98	AcD3-TKIIEAR-COOH	CLTL↓TKII	1	0.48005	43/41	Proteasome subunit beta type-1	
O35955	82	96	AcD3-CCGAGVAADTEMTR-COOH	PKIY↓CCGA	2	0.55439	89/39	Proteasome subunit beta type-10	
O35955	216	226	AcD3-VITAGGAKLQR-COOH	VDAC↓VITA	2	0.60881	77/43	Proteasome subunit beta type-10	
Q9R1P1	50	66	AcD3-YIGLAGLATDVQTVQAQR-COOH	GDRL↓YIGL	2	0.5218	90/47	Proteasome subunit beta type-3	
O35522	98	111	AcD3-AAANVVKNISYKYR-COOH	PLVL↓AAAN	2	0.54813	71/45	Proteasome subunit beta type-9	P28076 (98-111)
Q6PDI5	39	49	AcD3-LKLSSTQEGVR-COOH	PPVL↓LKLS	1	0.59096	51/46	Proteasome-associated protein ECM29 homolog	
Q8CJG0	548	555	AcD3-VQMKNNVQR-COOH	ATQC↓VQMK	1	0.49524	53/48	Protein argonaute-2	
Q6PGH1	18	30	AcD3-IEPTLDELQKMR-COOH	GWEL↓IEPT	2	0.61778	62/48	Protein BUD31 homolog	
A2ADY9	97	110	AcD3-SIAVPGTSPNQQR-COOH	RIDF↓SSIA	2	0.55552/0.55679	66/47	Protein DDI1 homolog 2	
A2ADY9	99	110	AcD3-IAVPGTSPNQQR-COOH	DFSS↓IAVP	1	0.65651	58/47	Protein DDI1 homolog 2	
A2ADY9	162	173	AcD3-ALLSGDLEKFSR-COOH	PLAE↓ALLS	1	0.64516	61/46	Protein DDI1 homolog 2	
A2ADY9	201	211	AcD3-EAQAKIEEDIR-COOH	PFDL↓EAQA	1	0.64272	56/47	Protein DDI1 homolog 2	
A2ADY9	383	396	AcD3-LAEAIQKSAEDAER-COOH	ADQE↓LAEA	2	0.58768	52/48	Protein DDI1 homolog 2	
O08808	1187	1196	AcD3-EALQSGAAFR-COOH	DSLL↓EALQ	2	0.59713	90/48	Protein diaphanous homolog 1	O70566 (1058-1067), Q9Z207 (1046-1055)
O08808	1245	1253	AcD3-EFAKELVGR-COOH	PTIL↓FEAK	2	0.60195	78/47	Protein diaphanous homolog 1	
P09103	82	99	AcD3-AKVDATEESDLAQYGVV-COOH	EIRL↓AKVD	5	0.47061/0.5997/0.48313	132/47	Protein disulfide-isomerase	
P09103	93	99	AcD3-AQQYGVV-COOH	ESDL↓AQQY	3	0.48062/0.42348	54/48	Protein disulfide-isomerase	
P09103	107	122	AcD3-FKNGDTASPKYTAGR-COOH	TIKF↓FKNG	3	0.48429/0.49971	107/47	Protein disulfide-isomerase	
P09103	208	215	AcD3-FKFDEGR-COOH	GVVL↓FKKF	2	0.51797	49/47	Protein disulfide-isomerase	
P27773	31	38	AcD3-TDENFESR-COOH	VLEL↓TDEN	1	0.47129	47/44	Protein disulfide-isomerase A3	
P27773	171	179	AcD3-FLKAASNLR-COOH	GHSE↓FLKA	2	0.47312	69/45	Protein disulfide-isomerase A3	
P27773	172	179	AcD3-LKAASNL-COOH	HSEF↓LKAA	5	0.46994/0.43359	64/42	Protein disulfide-isomerase A3	
P27773	317	329	AcD3-ESTTGEVPPVAIR-COOH	DFGL↓ESTT	2	0.56495	54/47	Protein disulfide-isomerase A3	
P27773	353	363	AcD3-LQEFYDGNLKR-COOH	LEQF↓LQEF	1	0.74137	65/48	Protein disulfide-isomerase A3	
P08003	241	252	AcD3-DVSGYPTLKIIFR-COOH	ASKF↓DVSG	1	0.73104	47/46	Protein disulfide-isomerase A4	
Q922R8	218	231	AcD3-AAVDATVNVQLASR-COOH	KVKL↓AAVD	1	0.49159	75/46	Protein disulfide-isomerase A6	
Q99LX0	83	98	AcD3-SESPMVKELKEQESR-COOH	AQNL↓SESP	1	0.47263	53/48	Protein DJ-1	
Q8C1F7	1746	1762	AcD3-NVTSEGEPSAVATPKKR-COOH	ALSL↓NVT	1	0.49157	74/47	Protein ELYS	
Q3TFG2	112	119	AcD3-VKVKGNLR-COOH	APEF↓VKVK	2	0.47887	47/37	Protein FAM107B	
Q9DB52	119	133	AcD3-SLSDNDVEKASPKR-COOH	EESF↓SLSD	1	0.54405	55/48	Protein FAM122A	
Q6PGL7	670	682	AcD3-FAIAKDSQKTKQR-COOH	EVDL↓FAIA	3	0.68812	87/44	Protein FAM21	
Q6PGL7	858	865	AcD3-FAGTKKIR-COOH	DVDL↓FAGT	2	0.7315	64/41	Protein FAM21	
Q9J128	395	401	AcD3-SLQNQLR-COOH	NIDF↓SLQN	1	0.50141	48/46	Protein flightless-1 homolog	
P28867	30	40	AcD3-VKMKKALSTER-COOH	PFCA↓VKMK	1	0.57616	55/47	Protein kinase C delta type	
Q9D0R8	9	18	AcD3-FSVGSGVSCR-COOH	PGEY↓FSVG	1	0.58278	87/47	Protein LSM12 homolog	
Q62433	227	234	AcD3-FISAYNSR-COOH	NLHL↓FISA	1	0.60336	54/48	Protein NDRG1	
Q62433	309	322	AcD3-VQGMGMPSASMT-COOH	FKYF↓VQGM	3	0.59945/0.55646	81/41	Protein NDRG1	
Q3UW53	98	110	AcD3-AVESYESKAYQR-COOH	KNDF↓AVES	2	0.55382	83/47	Protein Niban	
Q9DBR7	803	811	AcD3-VGITSAYS-R-COOH	PNSL↓VGIT	1	0.637	51/47	Protein phosphatase 1 regulatory subunit 12A	
Q3UMT1	458	466	AcD3-LEKASTQAR-COOH	SSSL↓LEKA	1	0.77765	61/46	Protein phosphatase 1 regulatory subunit 12C	
Q62084	128	136	AcD3-ISGLLDKIR-COOH	TEAF↓ISGL	1	0.50323	53/42	Protein phosphatase 1 regulatory subunit 14B	
Q9QY59	155	163	AcD3-ITVEDAQNR-COOH	LHLV↓ITVE	2	0.73183	64/47	Protein quaking	
Q9QY59	217	227	AcD3-SLAATAQAAPR-COOH	ALAF↓SLAA	2	0.73154	60/47	Protein quaking	
P50543	43	57	AcD3-AAFTKNQKDPGLDR-COOH	NTEL↓AAFT	3	0.54846/0.51601	83/47	Protein S100-A11	
P50543	45	57	AcD3-FTKNQKDPGLDR-COOH	EELAA↓FTKN	3	0.59538/0.56757	66/47	Protein S100-A11	
P07091	85	99	AcD3-MCNEFFEGCPDKPR-COOH	CIAM↓MCNE	1	0.57901	42/39	Protein S100-A4	
P27005	46	56	AcD3-VQNIINIENLFR-COOH	CPQF↓VQNI	3	0.2976/0.28543	82/47	Protein S100-A8	
P31725	49	55	AcD3-FMKKEKR-COOH	QLAT↓FMKK	2	0.3938/0.27452	51/45	Protein S100-A9	
Q3UPL0	428	440	AcD3-ISQVTEKDFLNR-COOH	QPVF↓ISQV	2	0.51058	87/46	Protein transport protein Sec31A	
Q9CX30	38	47	AcD3-FDSTTSPASR-COOH	PHQF↓FDDT	1	0.72857	69/44	Protein YIF1B	
P21981	421	433	AcD3-VVGQKIKSVGR-COOH	NRSL↓VVGQ	1	0.52781	45/42	Protein-glutamine gamma-glutamyltransferase 2	
P21981	582	591	AcD3-YLENPEIKIR-COOH	ERDL↓YLEN	1	0.55159	46/46	Protein-glutamine gamma-glutamyltransferase 2	
P21981	583	591	AcD3-LENPEIKIR-COOH	RDLY↓LENP	2	0.57019	51/45	Protein-glutamine gamma-glutamyltransferase 2	
P21981	668	679	AcD3-QCDKLSVKGYR-COOH	VVNF↓QCDK	5	0.49858/0.50049/0.51148/0.49538	87/46	Protein-glutamine gamma-glutamyltransferase 2	
Q64010	24	31	AcD3-VALLQGR-COOH	RQEA↓VALL	2	0.57958	76/45	Proto-oncogene C-crk	
P23492	195	207	AcD3-LAGPNFETVAESR-COOH	TYVM↓LAGP	2	0.65355	78/47	Purine nucleoside phosphorylase	



Q80SW1	51	60	AcD3-FTKFPTKGR-COOH	DMQE↓FTKF	2	0.60468/0.65791	57/46	Putative adenosylhomocysteine 2	
O35286	457	469	AcD3-LVTAISKASAQQR-COOH	VESL↓LVTA	1	0.53207	49/45	Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	
O89086	35	41	AcD3-VVVKDR-COOH	PISE↓VVVV	2	0.7343/0.69583	50/40	Putative RNA-binding protein 3	P60824 (35-41)
P52480	34	43	AcD3-DIDSPITAR-COOH	MCRL↓DIDS	22	0.55179/0.50235/0.47146/0.46703/0.49499/0.4301/0.43444	89/47	Pyruvate kinase isozymes M1/M2	
P52480	60	73	AcD3-MLKEMIKSGMNVAR-COOH	RSVE↓MLKE	1	0.48265	77/48	Pyruvate kinase isozymes M1/M2	
P52480	61	73	AcD3-LKEMIKSGMNVAR-COOH	SVEM↓LKEM	8	0.49707/0.52248/0.50968	100/47	Pyruvate kinase isozymes M1/M2	
P52480	64	73	AcD3-MIKSGMNVAR-COOH	MLKE↓MIKS	3	0.4958/0.5396	83/47	Pyruvate kinase isozymes M1/M2	
P52480	65	73	AcD3-IKSGMNVAR-COOH	LKEM↓IKSG	6	0.51288/0.50549/0.50782/0.42477	89/46	Pyruvate kinase isozymes M1/M2	
P52480	99	106	AcD3-ASDPILYR-COOH	TESF↓ASDP	3	0.47999/0.42761	65/47	Pyruvate kinase isozymes M1/M2	
P52480	110	120	AcD3-VALDTKGPPIR-COOH	RPVA↓VALD	3	0.52048/0.48503	57/46	Pyruvate kinase isozymes M1/M2	
P52480	111	120	AcD3-ALDTKGPPIR-COOH	PVAV↓ALDT	2	0.58455	52/47	Pyruvate kinase isozymes M1/M2	P53657 (154-163)
P52480	283	294	AcD3-ILEASDGMVAR-COOH	RFDE↓ILEA	6	0.60916/0.50685	75/47	Pyruvate kinase isozymes M1/M2	
P52480	285	294	AcD3-EASDGMVAR-COOH	DEIL↓EASD	21	0.51463/0.47853/0.2699/0.52459/0.55654/0.53751/0.48022	86/47	Pyruvate kinase isozymes M1/M2	
P52480	308	316	AcD3-LAQKMMIGR-COOH	EKVF↓LAQM	2	0.5109	66/47	Pyruvate kinase isozymes M1/M2	P53657 (351-359)
P52480	309	316	AcD3-AQKMMIGR-COOH	KVFL↓AQKM	4	0.55759/0.54411	56/47	Pyruvate kinase isozymes M1/M2	P53657 (352-359)
P52480	332	339	AcD3-ESMIKPR-COOH	TQML↓ESMI	4	0.51565/0.52878	61/46	Pyruvate kinase isozymes M1/M2	
P52480	359	376	AcD3-IMLSGATAGDYPLEAVR-COOH	GADC↓IMLS	11	0.50657/0.48264/0.45379	118/48	Pyruvate kinase isozymes M1/M2	
P52480	361	376	AcD3-LSGATAGDYPLEAVR-COOH	DCIM↓LSGE	2	0.5027	78/48	Pyruvate kinase isozymes M1/M2	
P52480	428	436	AcD3-IIVLTKSGR-COOH	CSGA↓IIVL	4	0.51259/0.52743	88/36	Pyruvate kinase isozymes M1/M2	
Q921W4	333	341	AcD3-EVVKQNER-COOH	KVSM↓EVVQ	1	0.66707	63/47	Quinone oxidoreductase-like protein 1	
Q61598	430	436	AcD3-DFEEMKR-COOH	GSEF↓DFEE	1	0.50923	50/45	Rab GDP dissociation inhibitor beta	
P31750	167	174	AcD3-VKEATGR-COOH	KVIL↓VKEK	2	0.66509	59/43	RAC-alpha serine/threonine-protein kinase	
Q9CT10	18	27	AcD3-VFQKDRKQGR-COOH	PSVF↓VFQK	1	0.61028	46/45	Ran-binding protein 3	
Q9JKF1	630	641	AcD3-INEAVDSDVGR-COOH	GISA↓INEA	2	0.56314	93/47	Ras GTPase-activating-like protein IQGAP1	
Q9JKF1	950	966	AcD3-MINKQAGGLKALSKEKR-COOH	SDMM↓MINK	1	0.5141	65/39	Ras GTPase-activating-like protein IQGAP1	
Q9JKF1	951	966	AcD3-INKQAGGLKALSKEKR-COOH	DMMM↓INKQ	10	0.54353/0.56103/0.57058/0.47849/0.60842/0.68151/0.61422	100/36	Ras GTPase-activating-like protein IQGAP1	
Q9JKF1	1212	1222	AcD3-SAGGLTDDR-COOH	IIDL↓SAGG	2	0.60356/0.51836	78/47	Ras GTPase-activating-like protein IQGAP1	
Q9JKF1	1481	1490	AcD3-LINDIAKDIR-COOH	RYQE↓LIND	2	0.44655	76/45	Ras GTPase-activating-like protein IQGAP1	
Q9JKF1	1482	1490	AcD3-INDIAKDIR-COOH	YQEL↓INDI	2	0.5331	61/46	Ras GTPase-activating-like protein IQGAP1	
Q9JKF1	1531	1549	AcD3-IKTCLDNLASKGVKSKPR-COOH	YKSY↓IKTC	2	0.5501/0.5204	48/39	Ras GTPase-activating-like protein IQGAP1	
Q9JKF1	1535	1549	AcD3-LDNLASKGVKSKPR-COOH	IKTC↓LDNL	2	0.61377	78/39	Ras GTPase-activating-like protein IQGAP1	
Q9JKF1	1539	1549	AcD3-ASKGVKSKPR-COOH	LDNL↓ASKG	6	0.54593/0.53925/0.46921/0.53326	56/38	Ras GTPase-activating-like protein IQGAP1	
Q05144	146	163	AcD3-AKDISVYKLECSALTQR-COOH	GLAL↓AKDI	1	0.47589	95/47	Ras-related C3 botulinum toxin substrate 2	
P62821	166	175	AcD3-MTMAAEIKKR-COOH	EQSF↓MTMA	1	0.57854	58/47	Ras-related protein Rab-1A	Q9D1G1 (163-172)
P51150	107	113	AcD3-LIQASPR-COOH	RDEF↓LIQA	1	0.73158	47/45	Ras-related protein Rab-7a	
Q60855	390	399	AcD3-AEKQTKPQPR-COOH	FGIF↓AEKQ	1	0.71411	52/46	Receptor-interacting serine/threonine-protein kinase 1	
Q9OZL0	28	38	AcD3-VGKGFGVFR-COOH	KLEF↓VGKG	1	0.71328	56/46	Receptor-interacting serine/threonine-protein kinase 3	
Q8VDS4	60	72	AcD3-LYLANDVIQNSKR-COOH	KLTF↓LYLA	2	0.5917	114/46	Regulation of nuclear pre-mRNA domain-containing protein 1A	Q9CSU0 (60-72)
Q8VDS4	61	72	AcD3-YLANDVIQNSKR-COOH	LTLF↓YLAN	2	0.5719	96/47	Regulation of nuclear pre-mRNA domain-containing protein 1A	Q9CSU0 (61-72)
Q8VE37	39	57	AcD3-TLQGDVQQLGLGESVLER-COOH	GLVL↓TLGQ	1	0.44082	81/47	Regulator of chromosome condensation	
Q8VE37	310	320	AcD3-DSEGAAYSIGR-COOH	TVCM↓DSEG	1	0.42977	55/48	Regulator of chromosome condensation	
P97492	18	37	AcD3-AVSDGELTSTAGSQAQEGGR-COOH	RMVL↓AVSD	2	0.57374	122/45	Regulator of G-protein signaling 14	
P97492	484	495	AcD3-LVEDASSTGNR-COOH	SSSL↓LVED	2	0.64672	63/46	Regulator of G-protein signaling 14	
Q9WLUK4	43	54	AcD3-NEIVGNEDTVSR-COOH	PLKL↓NEIV	1	0.5481	69/47	Replication factor C subunit 2	
O70622	326	333	AcD3-KVLOQVHR-COOH	RVYR↓KVLO	1	0.51866	31/29	Reticulon-2	
Q99P72	80	89	AcD3-SSDSVPPAPR-COOH	LLDF↓SSDS	1	0.5871	51/47	Reticulon-4	
Q99P71	38	49	AcD3-IQELDKDESRLR-COOH	SIQE↓IQEL	2	0.52266	72/47	Rho GDP-dissociation inhibitor 1	
Q61599	52	70	AcD3-LGDPVPVADPTVNPVTVTR-COOH	KKTL↓LGDV	5	0.45087/0.46858	94/45	Rho GDP-dissociation inhibitor 2	
Q61599	99	107	AcD3-VLKEGIEYR-COOH	KDTF↓VLKE	3	0.49023/0.48079	78/46	Rho GDP-dissociation inhibitor 2	
Q61599	101	107	AcD3-KEGIEYR-COOH	TFVL↓KEGI	1	0.46586	49/47	Rho GDP-dissociation inhibitor 2	
Q61599	153	168	AcD3-EFLTPEEAPKGMGLAR-COOH	PEEY↓EFLT	3	0.4383/0.45796	85/47	Rho GDP-dissociation inhibitor 2	
Q61599	154	168	AcD3-FLTPVEEAPKGMGLAR-COOH	EYEE↓FLTP	1	0.44374	49/47	Rho GDP-dissociation inhibitor 2	
Q61599	155	168	AcD3-LTPVEEAPKGMGLAR-COOH	EYEF↓LTPV	26	0.47533/0.45085/0.45598/0.42915/0.46945/0.47517/0.4294	74/46	Rho GDP-dissociation inhibitor 2	
Q8KQ05	238	251	AcD3-AEQAVNQEKFSKER-COOH	EVSF↓AEQA	2	0.73235	88/47	Rho GTPase-activating protein 18	
Q8BYW1	12	22	AcD3-NLKAEASKIAR-COOH	NWDF↓NLKA	2	0.6456	70/44	Rho GTPase-activating protein 25	
Q8BYW1	14	22	AcD3-KAEASKIAR-COOH	DFNL↓KAEA	1	0.55845	46/43	Rho GTPase-activating protein 25	
Q8BYW1	314	323	AcD3-ATVIGVNLIR-COOH	VDNL↓ATVI	2	0.61583	63/42	Rho GTPase-activating protein 25	
O54834	388	399	AcD3-PAEASQSKKAR-COOH	QLSL↓PAEA	4	0.64161/0.71842	69/45	Rho GTPase-activating protein 6	
Q61210	140	150	AcD3-VVQSQAAVSR-COOH	FIQE↓VVQS	1	0.56102	50/46	Rho guanine nucleotide exchange factor 1	

Q61210	407	416	AcD3-LSLPKQVQR-COOH	PDTL↓LSLP	1	0.70401	44/38	Rho guanine nucleotide exchange factor 1	
Q62159	115	122	AcD3-VGNKKDLR-COOH	PIL↓VGNK	3	0.63558/0.64767	53/43	Rho-related GTP-binding protein RhoC	Q9QUI0 (115-122)
Q91V17	287	297	AcD3-ASNELKDEGAR-COOH	ELSL↓ASNE	2	0.59042	79/47	Ribonuclease inhibitor	
P18654	84	94	AcD3-LVKKISGSDAR-COOH	GKVF↓LVKK	2	0.62707	79/42	Ribosomal protein S6 kinase alpha-3	
Q9Z2B9	718	730	AcD3-FLKSVENAPLAKR-COOH	REGF↓FLKS	2	0.57071	51/42	Ribosomal protein S6 kinase alpha-4	
Q8VEE0	96	109	AcD3-EATENPGALIKDIR-COOH	FTHL↓EATE	3	0.41903	68/47	Ribulose-phosphate 3-epimerase	
Q9ET26	118	134	AcD3-IMEGVKATTKDASLQPR-COOH	YQNY↓IMEG	5	0.66063/0.6193/0.64448/0.64843	94/47	RING finger protein 114	
Q9ET26	211	224	AcD3-DVDEDDMINQVLQR-COOH	FVDY↓DVDE	1	0.63788	54/44	RING finger protein 114	
P62878	6	21	AcD3-DVDTPSGTNSGAGKKR-COOH	AAAM↓DVDT	2	0.67295	99/48	RING-box protein 1	
Q9D706	345	357	AcD3-IVLDGYSYKAFAR-COOH	CTQA↓IVLD	1	0.57782	60/46	RNA polymerase II-associated protein 3	
P60122	55	64	AcD3-LIKSKMAGR-COOH	VIVE↓LIKS	2	0.40257	57/41	RuvB-like 1	
Q3TH56	67	74	AcD3-LAGEITSR-COOH	GMIL↓LAGE	1	0.59884	67/46	S-adenosylmethionine synthetase isoform type-2	
Q60710	33	44	AcD3-SADDFQNTDLR-COOH	TANL↓SADD	2	0.6626	71/44	SAM domain and HD domain-containing protein 1	
Q60710	91	98	AcD3-GVSLLEER-COOH	LEDL↓GVSS	1	0.59692	49/47	SAM domain and HD domain-containing protein 1	
Q60710	105	112	AcD3-IQQLSQSR-COOH	MIEC↓IQQL	1	0.56995	51/46	SAM domain and HD domain-containing protein 1	
Q60710	298	306	AcD3-LYEIVSNKR-COOH	TKSF↓LYEI	1	0.63395	61/46	SAM domain and HD domain-containing protein 1	
Q60710	532	542	AcD3-YCKSNSQAVR-COOH	RVHF↓YCKS	2	0.58957	54/48	SAM domain and HD domain-containing protein 1	
P17563	106	114	AcD3-VVDVGVSEPR-COOH	SRIY↓VVDV	2	0.57377	67/47	Selenium-binding protein 1	Q63836 (106-114)
Q8C650	409	416	AcD3-LASGSSIR-COOH	NQSF↓LASG	2	0.54382	54/45	Septin-10	
Q8C1B7	243	253	AcD3-VKIGNKMAKAR-COOH	STEE↓VKIG	2	0.54228	56/41	Septin-11	
Q8C1B7	320	327	AcD3-QETYEAKR-COOH	PFSL↓QETY	2	0.49873/0.52219	57/47	Septin-11	Q8C650 (318-325), Q8CHH9 (323-330), Q9R1T4 (321-328)
P42208	246	254	AcD3-IEAKGKVR-COOH	SNQL↓IEAK	2	0.64399	67/38	Septin-2	
Q9R1T4	406	421	AcD3-LQSGSQAGGSQTLKR-COOH	AAEL↓LQSQ	5	0.45528/0.38092/0.46422	131/47	Septin-6	
Q9R1T4	407	421	AcD3-QSQGQAGGSQTLKR-COOH	AELL↓QSQG	2	0.46449	117/48	Septin-6	
O55131	33	41	AcD3-ANLNPQVYR-COOH	YVGF↓ANLP	1	0.55721	56/48	Septin-7	
O55131	361	380	AcD3-EMKVKVKQLKDESEALQR-COOH	EQVF↓EMKV	1	0.58893	53/44	Septin-7	
O55131	363	380	AcD3-KVKEKVKQLKDESEALQR-COOH	VFEM↓KVKE	1	0.51561	48/40	Septin-7	
Q80UG5	259	266	AcD3-LKQAPASR-COOH	RDAM↓LKQA	1	0.77844	44/43	Septin-9	
Q91V14	90	97	AcD3-ESLKVIGR-COOH	LEDF↓ESLK	3	0.70112/0.56751	53/42	Serine/threonine-protein kinase 38	
Q99JT2	161	176	AcD3-ADFGVAGQLTDTQIKR-COOH	DVKLL↓ADFG	1	0.54503	81/47	Serine/threonine-protein kinase MST4	Q99KH8 (161-176), Q9Z2W1 (157-172)
P70268	16	39	AcD3-LEQLGLAGADLAPGVQQQLLELER-COOH	SWSL↓LEQL	1	0.65142	71/46	Serine/threonine-protein kinase N1	
Q6P456	808	821	AcD3-LSNMAAGTAAGSAGR-COOH	PVDM↓LSNM	2	0.69003	81/47	Serine/threonine-protein kinase QSK	
Q80X41	24	34	AcD3-AAGEVLTDMSR-COOH	AEQF↓AAGE	2	0.47899	79/47	Serine/threonine-protein kinase VRK1	
Q80X41	374	387	AcD3-ECSDTQVQEAQTR-COOH	VEDM↓ECSD	1	0.49193	83/44	Serine/threonine-protein kinase VRK1	
Q6P9R2	20	42	AcD3-QEIVGSGATAVVQAAQCAPKKEK-COOH	DVEL↓QEVI	1	0.41306	105/47	Serine/threonine-protein kinaseR1	
Q6P9R2	484	497	AcD3-ANLQKIVEPQSNR-COOH	VIVA↓ANLQ	1	0.5258	48/47	Serine/threonine-protein kinaseR1	
Q76MZ3	97	105	AcD3-ATVEETVYR-COOH	LESL↓ATVE	2	0.60007	74/46	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	Q7TNP2 (109-117)
P58389	137	148	AcD3-VYLKEAVGNSTR-COOH	PEVA↓VYLK	1	0.41776	51/47	Serine/threonine-protein phosphatase 2A regulatory subunit B'	
Q60854	78	91	AcD3-LTEVNTKTGYLLR-COOH	FQSL↓LTEV	2	0.73021	49/46	Serpin B6	
Q60854	325	343	AcD3-VNEEGTEAAAAATAGMMTVR-COOH	AFVE↓VNEE	1	0.61765	96/45	Serpin B6	
P26638	96	107	AcD3-AALKVSIKQKVR-COOH	ADAL↓AALK	2	0.56897	61/31	Seryl-tRNA synthetase, cytoplasmic	
Q9R0P3	77	86	AcD3-VVIAPDTSR-COOH	EHGL↓VVIAP	1	0.45908	56/47	S-formylglutathione hydrolase	
Q9R0P3	132	142	AcD3-INANFPVDPQR-COOH	LPQL↓INAN	2	0.58883	63/48	S-formylglutathione hydrolase	
Q9R0P3	157	167	AcD3-ICALNPKGYR-COOH	HGAL↓ICAL	2	0.43433	72/47	S-formylglutathione hydrolase	
Q9R0P3	159	167	AcD3-ALKNPKGYR-COOH	ALIC↓ALKN	1	0.45859	47/43	S-formylglutathione hydrolase	
Q9R0P3	240	253	AcD3-IACTEKKIPVIVFR-COOH	PDNF↓IAAC	2	0.46926/0.44044	70/44	S-formylglutathione hydrolase	
Q9J1U8	27	46	AcD3-LEANKIGFEEKDIAANEENR-COOH	VLCF↓LEAN	1	0.791	63/47	SH3 domain-binding glutamic acid-rich-like protein	
P16254	28	36	AcD3-ITLKKYDGR-COOH	GSVF↓ITLK	1	0.65428	70/43	Signal recognition particle 14 kDa protein	
Q9D7A6	108	118	AcD3-VAEMIPKIKTR-COOH	VMLY↓VAEM	1	0.51632	50/43	Signal recognition particle 19 kDa protein	
P46062	539	549	AcD3-VTTTSLDSASR-COOH	ATNE↓VTTT	2	0.69495	98/47	Signal-induced proliferation-associated protein 1	
P46062	1012	1021	AcD3-LAESESAATR-COOH	NORL↓LAES	1	0.78312	93/47	Signal-induced proliferation-associated protein 1	
Q8BJU0	63	77	AcD3-EAATSSKQEMPPDPR-COOH	PEIF↓EAAT	1	0.54825	69/45	Small glutamine-rich tetrapeptide repeat-containing protein alpha	
P62315	81	92	AcD3-VDVEPKVSKKR-COOH	DTLL↓VDVE	3	0.37554/0.41889	61/38	Small nuclear ribonucleoprotein Sm D1	
P27048	78	94	AcD3-VSMTVEGPPPKDTGIAR-COOH	GENL↓VSMT	2	0.45122	81/47	Small nuclear ribonucleoprotein-associated protein B	P63163 (78-94)
Q9CQ65	48	60	AcD3-GKIKNVDCVLLR-COOH	ALIL↓GKIK	1	0.50019	85/43	S-methyl-5'-thioadenosine phosphorylase	
Q9CQ65	108	116	AcD3-VIIDQFDR-COOH	PGDM↓VIID	2	0.5069	71/46	S-methyl-5'-thioadenosine phosphorylase	
Q9CQ65	153	162	AcD3-IETAKKILGLR-COOH	REVL↓IETA	1	0.45818	52/37	S-methyl-5'-thioadenosine phosphorylase	
Q6P069	40	56	AcD3-AAVAGQDQIDDELQR-COOH	YGYF↓AAVA	1	0.64101	61/47	Sorcin	
Q9WV80	265	272	AcD3-LEKEELPR-COOH	VREF↓LEKE	3	0.69872/0.56019	60/46	Sorting nexin-1	
O70493	145	152	AcD3-LQEEAIDR-COOH	LHMF↓LQEE	1	0.64941	61/47	Sorting nexin-12	
Q9CWK8	262	269	AcD3-LESSELPK-COOH	LROF↓LESS	2	0.62662	57/47	Sorting nexin-2	

O70492	29	43	AcD3-LEIDVSNPQTVGVGR-COOH	PSNF↓LEID	1	0.65522	64/47	Sorting nexin-3	
O70492	145	160	AcD3-LQDEIIDKSYTPSKIR-COOH	LHMF↓LQDE	1	0.67696	57/46	Sorting nexin-3	
Q9D8U8	26	42	AcD3-NVDPSLIQDIPDALSER-COOH	SVDL↓NVDP	2	0.57234	93/48	Sorting nexin-5	
Q9D8U8	33	42	AcD3-IDIPDALSER-COOH	PSLQ↓IDIP	1	0.56265	50/48	Sorting nexin-5	
Q9D8U8	168	175	AcD3-YQQDL5VR-COOH	VFLE↓VDQD	1	0.59423	65/47	Sorting nexin-5	
Q9D8U8	319	330	AcD3-YENSNKALDKAR-COOH	ALID↓YENS	1	0.64636	55/48	Sorting nexin-5	
P16546	940	950	AcD3-SAYGSSIQALR-COOH	MSDL↓SAYG	1	0.57822	49/48	Spectrin alpha chain, brain	
P16546	1266	1273	AcD3-ASVQALQR-COOH	GRDL↓ASVQ	1	0.59593	47/46	Spectrin alpha chain, brain	
P16546	1283	1298	AcD3-AALGDKVNSLGETAQR-COOH	ERDL↓AALG	4	0.63138/0.6164	87/47	Spectrin alpha chain, brain	
P16546	1725	1739	AcD3-MTSSAFDTSQVKEKR-COOH	ADSL↓MTSS	2	0.66044	129/47	Spectrin alpha chain, brain	
P16546	1731	1739	AcD3-DTSSQVKEKR-COOH	SSAF↓DTSQ	1	0.59227	66/47	Spectrin alpha chain, brain	
Q64213	153	160	AcD3-VGLLIGPR-COOH	EINF↓VGLL	4	0.59172/0.64197	62/40	Splicing factor 1	
Q9D554	23	34	AcD3-AKEMLTKKSTLR-COOH	MDVM↓AKEM	1	0.41734	45/43	Splicing factor 3A subunit 3	
Q9D554	27	34	AcD3-LTKKSTLR-COOH	AKEM↓LTKK	1	0.58408	40/36	Splicing factor 3A subunit 3	
Q9D554	301	312	AcD3-FAKNPKSKGTR-COOH	DTSL↓FAKN	3	0.44637/0.48646	51/41	Splicing factor 3A subunit 3	
Q923D4	54	63	AcD3-AIAENESKAR-COOH	LNPF↓AIAE	4	0.61682/0.61264	68/47	Splicing factor 3B subunit 5	
Q8VI6	660	673	AcD3-GQGGAGPVGGQPR-COOH	TERF↓GQGG	2	0.73525	87/47	Splicing factor, proline- and glutamine-rich	
Q78PY7	98	107	AcD3-TIENKTPQGR-COOH	EVCF↓TIEN	2	0.49701/0.50141	67/47	Staphylococcal nuclease domain-containing protein 1	
Q78PY7	128	135	AcD3-VAEGLATR-COOH	AESL↓VAEG	3	0.51642	66/47	Staphylococcal nuclease domain-containing protein 1	
Q78PY7	223	232	AcD3-LSGIGKPTFR-COOH	VTVM↓LSGI	1	0.46487	55/47	Staphylococcal nuclease domain-containing protein 1	
Q78PY7	455	464	AcD3-VSKGLATVIR-COOH	AEAL↓VSKG	2	0.52986	73/41	Staphylococcal nuclease domain-containing protein 1	
Q78PY7	669	678	AcD3-VMPVLEEKER-COOH	PVEE↓VMPV	1	0.55399	71/47	Staphylococcal nuclease domain-containing protein 1	
O54988	655	662	AcD3-VTGAEAR-COOH	LERL↓VVTG	2	0.59593	60/47	STE20-like serine/threonine-protein kinase	
O54988	764	784	AcD3-SISSFLSKAKDSSGSLQETR-COOH	DLNL↓SISS	1	0.62587	63/47	STE20-like serine/threonine-protein kinase	
O54988	1202	1218	AcD3-FKMTGESECLNPSAQR-COOH	QEVF↓FKMT	3	0.55977/0.52525	97/45	STE20-like serine/threonine-protein kinase	
Q60864	27	44	AcD3-YSEAIKLDPNQNHVLYSNR-COOH	ALQC↓YSEA	1	0.44552	91/47	Stress-induced-phosphoprotein 1	
Q60864	107	118	AcD3-QLKEQLQNMEAR-COOH	ANNL↓QLKE	3	0.44267/0.37842	93/47	Stress-induced-phosphoprotein 1	
Q60864	421	433	AcD3-QLLEPTFIKGYTR-COOH	CEEC↓QLE	2	0.4309	61/45	Stress-induced-phosphoprotein 1	
Q60864	458	470	AcD3-DSSCKEAAADGYQR-COOH	ALDL↓DSSC	2	0.45074	60/42	Stress-induced-phosphoprotein 1	
Q9ESP1	171	183	AcD3-LSVTGEQYGNIPIR-COOH	TSVF↓LSVT	1	0.40943	75/48	Stromal cell-derived factor 2-like protein 1	
Q9ESP1	172	183	AcD3-SVTGEQYGNPIR-COOH	SVFL↓SVTG	2	0.6518	58/48	Stromal cell-derived factor 2-like protein 1	
Q7TN29	159	174	AcD3-EKVKMPQKEDAQLPK-COOH	PVVF↓EKVK	1	0.74479	82/44	Stromal membrane-associated protein 2	
Q922I8	61	75	AcD3-FVANTAKEALEAAKR-COOH	VQRF↓FVAN	1	0.46618	47/45	Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial	
Q9R1T2	85	93	AcD3-LIQTGSVGR-COOH	GAQF↓LIQT	2	0.54648	84/45	SUMO-activating enzyme subunit 1	
Q9R1T2	179	200	AcD3-VEEKTAKVAKVQGVDPGPEAKR-COOH	EHEF↓VEEK	1	0.50405	69/45	SUMO-activating enzyme subunit 1	
Q9Z1F9	353	360	AcD3-VTSAANLR-COOH	AMDF↓V TSA	1	0.63798	48/46	SUMO-activating enzyme subunit 2	
Q8K4L3	1075	1087	AcD3-LDPSKMTSIKER-COOH	GDSF↓LDSP	2	0.66101	65/47	Supervillin	
Q6PDG5	582	599	AcD3-YTKKNVPSKSKAAASATR-COOH	RTDM↓YTKK	1	0.54226	51/43	SWI/SNF complex subunit SMARCC2	
O54941	208	216	AcD3-SESVPDVR-COOH	SEIL↓SESV	1	0.55238	72/47	SWI/SNF-related matrix-associated actin-dependent regulator chromatin subfamily E member 1	
Q9D5V6	295	305	AcD3-DTCSLNQEDLR-COOH	SDAF↓DTCS	1	0.67346	52/45	Synapse-associated protein 1	
Q62465	64	80	AcD3-LVLTGFGYDKVKLQSR-COOH	PIRC↓LVLT	2	0.682	96/44	Synaptic vesicle membrane protein VAT-1 homolog	
Q62465	65	80	AcD3-VLTGFGYDKVKLQSR-COOH	LRCL↓VLTG	2	0.59681	80/45	Synaptic vesicle membrane protein VAT-1 homolog	
Q62465	67	80	AcD3-TGFGGYDKVKLQSR-COOH	CLVL↓TGFG	12	0.64485/0.73218/0.6873/0.62057	86/47	Synaptic vesicle membrane protein VAT-1 homolog	
Q62465	351	357	AcD3-VNSVVTNR-COOH	EVEL↓VNSV	1	0.60618	55/44	Synaptic vesicle membrane protein VAT-1 homolog	
P26039	271	277	AcD3-VKQKGER-COOH	PKEY↓VKQK	2	0.53312	52/44	Talin-1	
P26039	423	438	AcD3-SVSPKSTVLQQYQNR-COOH	MLED↓SVSP	2	0.73153	65/46	Talin-1	
P26039	807	824	AcD3-TVTEFNIFSSMGDAGEMVR-COOH	DTIL↓TVTE	5	0.56227/0.54614/0.58467	148/43	Talin-1	
P26039	830	854	AcD3-AQATSOLDVNAIKADAEGESDLENSR-COOH	ARIL↓AQAT	1	0.64165	78/47	Talin-1	
P26039	1607	1618	AcD3-LESAGGLIQTR-COOH	AKTM↓LESA	1	0.47895	59/46	Talin-1	
P26039	1851	1859	AcD3-VDYQTTMVR-COOH	EGSF↓VDYQ	1	0.53906	58/47	Talin-1	
P26039	1966	1973	AcD3-AALQAQNR-COOH	SHVL↓AALQ	1	0.49814	55/47	Talin-1	
P26039	1998	2006	AcD3-FATAGTLNR-COOH	TTIM↓FATA	2	0.50879/0.55689	74/47	Talin-1	
P26039	2034	2057	AcD3-VQNAAGSQELQAAQSSVATITR-COOH	TKVL↓VQNA	1	0.57387	71/47	Talin-1	
P26039	2185	2197	AcD3-ATAKAVAGNSCR-COOH	GITM↓ATAK	2	0.56552	92/48	Talin-1	Q71LX4 (2097-2109)
P26039	2201	2209	AcD3-VIATANLSR-COOH	ROED↓VIAT	1	0.52928	48/44	Talin-1	Q71LX4 (2113-2121)
Q3U0I8	190	202	AcD3-AVEAAPGELVGR-COOH	RTVL↓AVEA	2	0.58896	74/48	TBC1 domain family member 2B	
P11983	217	228	AcD3-NCVVSQGMKPR-COOH	GYAL↓NCVV	3	0.45288/0.51776	75/47	T-complex protein 1 subunit alpha B	P11984 (217-228)
P11983	219	228	AcD3-VVGSQGMKPR-COOH	ALNC↓VVGS	4	0.53588/0.53087	66/47	T-complex protein 1 subunit alpha B	P11984 (219-228)
P11983	453	468	AcD3-AVNAAQDSTDLVAKLR-COOH	PNTL↓AVNA	2	0.52446	95/46	T-complex protein 1 subunit alpha B	P11984 (453-468)
P80314	219	231	AcD3-LLDKIGVNPQPKR-COOH	DEGF↓LLDK	2	0.41739	59/37	T-complex protein 1 subunit beta	
P80315	517	527	AcD3-SALTATETVR-COOH	LVSF↓SALT	2	0.68476	53/45	T-complex protein 1 subunit delta	
P80316	17	24	AcD3-LHKDQDR-COOH	GRPF↓LHK	3	0.50571/0.43714	60/44	T-complex protein 1 subunit epsilon	
P80316	40	49	AcD3-AAKAVANTMR-COOH	SHIM↓AAKA	2	0.39043	69/48	T-complex protein 1 subunit epsilon	

P80316	133	142	AcD3-IADGYEQAAR-COOH	HPIR↓IADG	2	0.52274	47/33	T-complex protein 1 subunit epsilon	
P80316	193	201	AcD3-VLTVADMER-COOH	AVNA↓VLTV	2	0.45906/0.41102	66/47	T-complex protein 1 subunit epsilon	
P80316	207	218	AcD3-ELUKVEGKVGGR-COOH	DVDF↓ELUK	2	0.40556	91/41	T-complex protein 1 subunit epsilon	
P80316	209	218	AcD3-IKVEGKVGGR-COOH	DFEL↓IKVE	4	0.43112/0.46388	71/42	T-complex protein 1 subunit epsilon	
P80316	511	525	AcD3-IGKKQIQSLATQMVR-COOH	IETL↓IGKK	2	0.48442	79/44	T-complex protein 1 subunit epsilon	
P80316	527	534	AcD3-ILKIDDIR-COOH	MVRM↓ILKI	2	0.45614	60/41	T-complex protein 1 subunit epsilon	
P80313	132	152	AcD3-AVNKKEIAVTVKKQDKVEQR-COOH	ATQL↓AVNK	1	0.43143	60/36	T-complex protein 1 subunit eta	
P80313	141	152	AcD3-VTVKKQDKVEQR-COOH	KEIA↓VTVK	2	0.4693	53/42	T-complex protein 1 subunit eta	
P80313	513	524	AcD3-IVSVDETIKNPR-COOH	AACL↓IVSV	2	0.49393	63/46	T-complex protein 1 subunit eta	
P80318	9	16	AcD3-VLSQNTKR-COOH	RPVL↓VLSQ	2	0.47171/0.45615	55/45	T-complex protein 1 subunit gamma	
P80318	50	68	AcD3-LLDPMPGGIVMITNDGNAILR-COOH	MMKM↓LLDP	1	0.57888	87/48	T-complex protein 1 subunit gamma	
P80318	178	190	AcD3-DAVKTQVFEENGR-COOH	NIAL↓DAVK	2	0.53967	69/48	T-complex protein 1 subunit gamma	
P42932	64	74	AcD3-FVTNDAATILR-COOH	LEKL↓FVTN	2	0.55173	67/47	T-complex protein 1 subunit theta	
P42932	511	520	AcD3-ATNAAVTVLR-COOH	AIKL↓ATNA	1	0.44819	64/44	T-complex protein 1 subunit theta	
P80317	21	28	AcD3-AVNISAAR-COOH	QAAL↓AVNI	3	0.35941/0.39697	57/46	T-complex protein 1 subunit zeta	
P80317	303	314	AcD3-DALAKEGIVALR-COOH	PFSL↓DALA	3	0.48472/0.29993	68/44	T-complex protein 1 subunit zeta	
P47226	132	151	AcD3-MQMLPKPEKQPVAGSEGAQYR-COOH	ARYQ↓MQML	1	0.45072	76/47	Testin	
Q9C0U0	139	155	AcD3-YVSAEQVQGMKEAQR-COOH	YKVF↓YVSA	5	0.64688/0.61935/0.58041	113/47	Thioredoxin domain-containing protein 12	
Q8CDN6	25	32	AcD3-AVVKFTMR-COOH	GSRL↓AVVK	1	0.55361	60/46	Thioredoxin-like protein 1	
O08583	180	188	AcD3-VTSQIDTQR-COOH	NILQ↓VTSQ	1	0.43296	63/47	THO complex subunit 4	
Q93092	129	138	AcD3-YKEAGVGKDR-COOH	LIEL↓YKEA	2	0.52539	55/47	Transaldolase	
Q93092	232	239	AcD3-IVMGASFR-COOH	GYKT↓IVMG	2	0.54978	67/48	Transaldolase	
Q93092	304	313	AcD3-AVEKLSDGIR-COOH	EDQM↓AVEK	2	0.59567	82/45	Transaldolase	
Q93092	305	313	AcD3-VEKLSDGIR-COOH	DQMA↓VEKL	2	0.57228/0.61295	51/45	Transaldolase	
P10711	229	237	AcD3-ASDELKEMR-COOH	AEEM↓ASDE	1	0.57971	58/47	Transcription elongation factor A protein 1	
P10711	261	279	AcD3-FTCGCKKKNCTYTVQVQTR-COOH	QTDL↓FTCG	1	0.63016	53/47	Transcription elongation factor A protein 1	
Q9QVW7	287	295	AcD3-VVNCNCGNR-COOH	MTTY↓VVCN	2	0.58573	59/43	Transcription elongation factor A protein 2	P10711 (289-297)
P83940	53	63	AcD3-AENETNEVNFRR-COOH	PGQF↓AENE	1	0.51948	48/45	Transcription elongation factor B polypeptide 1	
Q64152	150	161	AcD3-NQLGADSLTSLR-COOH	PSIL↓NQLG	2	0.68479	83/48	Transcription factor BTF3	
Q62318	221	231	AcD3-FECESDTLTCR-COOH	PLVL↓FCES	3	0.55877/0.52469	51/38	Transcription intermediary factor 1-beta	
P42669	85	98	AcD3-LKIAEVGAGGNKSR-COOH	KGRF↓LKIA	3	0.40624/0.49388	98/45	Transcriptional activator protein Pur-alpha	
Q35295	71	84	AcD3-LKIAEVGAGGSKSR-COOH	KGRF↓LKIA	1	0.40739	93/43	Transcriptional activator protein Pur-beta	
O9WVA4	130	139	AcD3-MNLGGLAVAR-COOH	QRTL↓MNLG	3	0.50485/0.57433	68/47	Transgelin-2	
O9WVA4	163	182	AcD3-SDNQLQEGKNNVIGLQMGTRN-COOH	PRNF↓SDNQ	2	0.77112/0.77407	60/47	Transgelin-2	
Q01853	31	53	AcD3-AINEDNSVSVLSQPKMDELQLR-COOH	IVDE↓AINE	1	0.53717	75/47	Transitional endoplasmic reticulum ATPase	
Q01853	70	83	AcD3-IVLSDDTCSDEKIR-COOH	EAVC↓IVLS	1	0.39398	80/47	Transitional endoplasmic reticulum ATPase	
Q01853	199	210	AcD3-NEVGYDDIGGCR-COOH	EESL↓NEVG	2	0.48006	96/43	Transitional endoplasmic reticulum ATPase	
Q01853	329	338	AcD3-LTLMGKQR-COOH	VSQL↓LTLM	1	0.50668	47/46	Transitional endoplasmic reticulum ATPase	
Q01853	675	693	AcD3-LAKMTNGFSGADLTEICQR-COOH	DLEF↓LAKM	2	0.5135/0.47327	74/47	Transitional endoplasmic reticulum ATPase	
Q01853	758	766	AcD3-FAQTLQQR-COOH	KYEM↓FAQT	8	0.51381/0.46199/0.48763/0.47257	82/48	Transitional endoplasmic reticulum ATPase	
Q01853	759	766	AcD3-AQTLQQR-COOH	YEMF↓AQTL	1	0.45798	53/47	Transitional endoplasmic reticulum ATPase	
P40142	286	302	AcD3-ATPPQEDAPSVDIANIR-COOH	KKIL↓ATPP	2	0.44804	65/48	Transketolase	
P40142	326	334	AcD3-AKLGHASDR-COOH	GLAL↓AKLG	1	0.41082	48/47	Transketolase	
P40142	461	471	AcD3-AAANTGICFIR-COOH	AVEL↓AANT	2	0.44323/0.39556	62/47	Transketolase	
P40142	588	594	AcD3-AVSQVPR-COOH	VTRL↓AVSQ	1	0.40796	49/46	Transketolase	
P63028	14	21	AcD3-FSDIYKIR-COOH	HDEL↓FSDI	2	0.42988	68/46	Translationally-controlled tumor protein	
P63028	30	38	AcD3-EVEGKMVSR-COOH	GLCL↓EVEG	5	0.44765/0.47697/0.51437	71/47	Translationally-controlled tumor protein	
Q99KF1	87	100	AcD3-VEVKDPEDKIVLAR-COOH	LGMF↓VEVK	1	0.60865	65/44	Transmembrane emp24 domain-containing protein 9	
O08784	1178	1188	AcD3-IKESGKKSQKR-COOH	ATEA↓IKES	1	0.40679	69/40	Treacle protein	
Q64737	70	92	AcD3-VVVGPEAPLAAGIVGLTASAGVR-COOH	KIEL↓VVVG	3	0.47698/0.41712	89/45	Trifunctional purine biosynthetic protein adenosine-3	
Q64737	991	999	AcD3-VASGAVQLR-COOH	ALQL↓VASG	8	0.48253/0.41297/0.6247/0.40436	71/45	Trifunctional purine biosynthetic protein adenosine-3	
P17751	26	53	AcD3-ICTLNAANVPAGTEVVCPAPTAYIDFAR-COOH	LGEL↓ICTL	1	0.43278	60/47	Triosephosphate isomerase	
P17751	30	53	AcD3-NAANVPAGTEVVCPAPTAYIDFAR-COOH	ICTL↓NAAN	1	0.46257	52/47	Triosephosphate isomerase	
P17751	92	99	AcD3-VVLGHSER-COOH	GATW↓VVLG	2	0.51884	54/47	Triosephosphate isomerase	
P17751	128	135	AcD3-IGEKDLER-COOH	VIAC↓IGEK	3	0.53831	60/47	Triosephosphate isomerase	
P17751	197	206	AcD3-VNDGVAQSTR-COOH	LKSN↓VNDG	2	0.77389	82/47	Triosephosphate isomerase	
Q9DCG9	95	105	AcD3-EGTLQCPESGR-COOH	VDVL↓EGTL	1	0.71385	49/46	TRM112-like protein	
Q1HF20	149	160	AcD3-LVSETSGNISR-COOH	FHQF↓LVSE	1	0.51126	63/47	tRNA (cytosine-5)-methyltransferase NSUN2	
Q1HF20	150	160	AcD3-VSETSGNISR-COOH	HQFL↓VSET	1	0.52916	60/47	tRNA (cytosine-5)-methyltransferase NSUN2	
Q1HF20	211	220	AcD3-VIANDVNDKRR-COOH	PEGF↓VIAN	1	0.63971	69/47	tRNA (cytosine-5)-methyltransferase NSUN2	
Q91X11	181	188	AcD3-VQEEVVAR-COOH	GQNL↓VQEE	1	0.55166	49/47	tRNA-dihydrouridine synthase 3-like	
P32921	108	123	AcD3-IVQFGSSKIDKELNR-COOH	YDKL↓IVQF	2	0.5636	102/45	Tryptophanyl-tRNA synthetase, cytoplasmic	
P05213	68	79	AcD3-VDLEPTVIDEVR-COOH	RAVF↓VDLE	1	0.49782	50/47	Tubulin alpha-1B chain	P68369 (68-79), P68373 (68-79)

P05213	92	105	AcD3-LITGKEDAANNYAR-COOH	HPEQL↓LITG	1	0.52233	91/48	Tubulin alpha-1B chain	P05214 (92-105), P68368 (92-105), P68369 (92-105), P68373 (92-105), Q9JJZ2 (92-105)
P05213	93	105	AcD3-ITGKEDAANNYAR-COOH	PEQL↓ITGK	6	0.46023/0.44587/0.45853	88/47	Tubulin alpha-1B chain	P05214 (93-105), P68368 (93-105), P68369 (93-105), P68373 (93-105), Q9JJZ2 (93-105)
P68372	113	121	AcD3-VDSVLDDVR-COOH	GAEL↓VDSV	2	0.5407	88/47	Tubulin beta-2C chain	P99024 (113-121), Q7TMM9 (113-121), Q922F4 (113-121), Q9CWF2 (113-121), Q9ERD7 (113-121)
P68372	295	306	AcD3-DAKNMMMAACDPR-COOH	QQMF↓DAKN	2	0.64696	75/42	Tubulin beta-2C chain	P99024 (295-306), Q922F4 (295-306), Q9D6F9 (295-306), Q9ERD7 (295-306)
P68372	366	380	AcD3-TFIGNSTAIQELFKR-COOH	KMSA↓TFIG	2	0.73366	103/47	Tubulin beta-2C chain	P99024 (366-380), Q7TMM9 (366-380), Q922F4 (366-380), Q9CWF2 (366-380), Q9D6F9 (366-380), Q9ERD7 (366-380)
P48428	89	98	AcD3-EAAEYKEAR-COOH	EKDL↓EAAE	2	0.54616	63/45	Tubulin-specific chaperone A	
Q8VCN9	9	19	AcD3-ALADAAAGSPR-COOH	DCSM↓ALAD	1	0.45132	51/47	Tubulin-specific chaperone C	
Q8CIV8	82	88	AcD3-LTALKKR-COOH	GDDF↓LTAL	1	0.45982	51/33	Tubulin-specific chaperone E	
Q80U87	364	373	AcD3-LVTDQDEKLR-COOH	EKAL↓LVTD	2	0.64563	71/47	Ubiquitin carboxyl-terminal hydrolase 8	
Q7TQI3	41	51	AcD3-IAVQNPVLSER-COOH	IQQE↓IAVQ	2	0.59827	69/45	Ubiquitin thioesterase OTUB1	
Q7TQI3	105	113	AcD3-LDSSKELQR-COOH	LEAL↓LDSS	2	0.53964	72/47	Ubiquitin thioesterase OTUB1	
Q88GG7	8	14	AcD3-YSKVTPR-COOH	REEL↓YSKV	1	0.60496	51/46	Ubiquitin-associated and SH3 domain-containing protein B	
P68037	38	52	AcD3-LVPPNPYDYGAFR-COOH	TWQG↓LVPP	1	0.52447	69/47	Ubiquitin-conjugating enzyme E2 L3	
P61089	16	33	AcD3-LAEPVPGIKAPDESNAAR-COOH	TORL↓LAEP	1	0.40984	85/47	Ubiquitin-conjugating enzyme E2 N	
Q02053	316	325	AcD3-VMTDFAKYSR-COOH	EPDF↓VMTD	2	0.4703	54/47	Ubiquitin-like modifier-activating enzyme 1	
Q02053	318	325	AcD3-TDFAKYSR-COOH	DFVM↓TDF	4	0.53567/0.48206	70/47	Ubiquitin-like modifier-activating enzyme 1	
Q02053	359	368	AcD3-VGLAQAVNAR-COOH	ATEL↓VGLA	6	0.51303	90/46	Ubiquitin-like modifier-activating enzyme 1	
Q02053	772	784	AcD3-FAQTYGLTSQDR-COOH	AANL↓FAQT	2	0.44881	85/46	Ubiquitin-like modifier-activating enzyme 1	
Q8C7R4	567	574	AcD3-ALDNVEAR-COOH	IIT↓ALDN	1	0.48503	52/47	Ubiquitin-like modifier-activating enzyme 6	
Q70475	163	177	AcD3-LAEGTAKDLKNPDR-COOH	NPEF↓LAEG	1	0.56432	83/46	UDP-glucose 6-dehydrogenase	
Q3TW96	111	118	AcD3-LAGGGQTR-COOH	AVLL↓LAGG	2	0.59104	73/48	UDP-N-acetylhexosamine pyrophosphorylase-like protein 1	Q91YN5 (108-115)
Q9DBP5	7	22	AcD3-FVLGGPGAGKGTQCAR-COOH	PLVV↓FVLG	1	0.5991	73/48	UMP-CMP kinase	
Q4KM4	44	55	AcD3-EALVGLTKAAR-COOH	ANLF↓EALV	1	0.50257	82/39	UPF0727 protein C6orf115 homolog	
Q4KM4	47	55	AcD3-VGLTKAAR-COOH	FEAL↓VGLT	1	0.45281	57/38	UPF0727 protein C6orf115 homolog	
P54726	314	326	AcD3-IQVTPQKEAER-COOH	QMNY↓IQVT	1	0.46226	54/46	UV excision repair protein RAD23 homolog A	P54728 (367-379)
Q8BX70	3487	3497	AcD3-ITMDKEYQQR-COOH	GLAA↓ITMD	1	0.56757	50/48	Vacuolar protein sorting-associated protein 13C	
Q8BX70	3719	3728	AcD3-DAIESAQSR-COOH	KRAF↓DAIE	1	0.57092	51/47	Vacuolar protein sorting-associated protein 13C	
P40336	14	24	AcD3-IDVALNDGTR-COOH	PICE↓IDVA	1	0.61132	56/47	Vacuolar protein sorting-associated protein 26A	
Q9EQH3	656	668	AcD3-AASKLLKPPDQGR-COOH	QCAL↓AASK	1	0.54196	41/40	Vacuolar protein sorting-associated protein 35	
Q8R0J7	139	146	AcD3-IDVYQSKR-COOH	LDSF↓IDVY	2	0.79515	72/47	Vacuolar protein sorting-associated protein 37B	
P46460	196	205	AcD3-IGKAKTKENR-COOH	SLNL↓IGKA	1	0.50411	49/42	Vesicle-fusing ATPase	
Q8VDJ3	214	222	AcD3-LISAEQDKR-COOH	HEVL↓LISA	3	0.64204/0.76968	79/46	Vigilin	
Q8VDJ3	215	222	AcD3-ISAEDQKR-COOH	EVL↓ISAE	2	0.62343	66/47	Vigilin	
Q8VDJ3	245	255	AcD3-VGEIMQETGTR-COOH	YNRL↓VGEI	2	0.59105	51/47	Vigilin	
P20152	87	100	AcD3-SLADAINTEFKNTR-COOH	SVDF↓SLAD	6	0.53186/0.49011	91/47	Vimentin	
P20152	89	100	AcD3-ADAINTEFKNTR-COOH	DFSL↓ADAI	2	0.68139	100/47	Vimentin	
P20152	107	113	AcD3-LQELNDR-COOH	EKVE↓LQEL	1	0.50414	49/47	Vimentin	P15331 (105-111), P31001 (111-117), P48678 (35-41)
P62814	170	185	AcD3-IQTGISAIDGMNSIAR-COOH	PEFM↓IQTG	3	0.65169	94/48	V-type proton ATPase subunit B, brain isoform	
P57746	80	95	AcD3-STTVIQNVNKAQVKIR-COOH	AGDF↓STTV	1	0.45547	60/40	V-type proton ATPase subunit D	
P57746	82	95	AcD3-TVIQNVNKAQVKIR-COOH	DFST↓TVIQ	7	0.5805/0.63282/0.5706/0.67156	95/38	V-type proton ATPase subunit D	
P50518	19	44	AcD3-HEQAEANEAEIDAKAEFEENIEKGR-COOH	MMAF↓IEQE	1	0.58565	62/47	V-type proton ATPase subunit E 1	Q9D593 (19-44)
P50518	91	101	AcD3-ITDLLNEAKR-COOH	RDDL↓ITDL	2	0.65302/0.44988	58/45	V-type proton ATPase subunit E 1	
Q88VE3	12	27	AcD3-AAVPTNIIAAKAEVR-COOH	GAVD↓AAVP	1	0.75364	45/42	V-type proton ATPase subunit H	
Q88342	33	43	AcD3-LYTNKCVILR-COOH	GDHF↓LYTN	1	0.41441	69/46	WD repeat-containing protein 1	
Q88342	72	83	AcD3-YIASGDISGKLR-COOH	PSGF↓YIAS	5	0.48526/0.50224	86/46	WD repeat-containing protein 1	
Q88342	73	83	AcD3-IASGDISGKLR-COOH	SGFY↓IASG	3	0.56083	88/46	WD repeat-containing protein 1	
Q88342	380	389	AcD3-VSCSMDDTVR-COOH	SEQL↓VSCS	1	0.37507	42/40	WD repeat-containing protein 1	
Q88H43	89	97	AcD3-VSLQGINTR-COOH	KEEE↓VSLQ	1	0.54868	51/45	Wiskott-Aldrich syndrome protein family member 2	
Q6P1B1	413	429	AcD3-LIDSGAQYKDGTTDVTNR-COOH	DEVY↓LIDS	2	0.47393	68/47	Xaa-Pro aminopeptidase 1	
Q11136	46	56	AcD3-VVLQGGEMQR-COOH	ASAV↓VVLQ	3	0.52084	79/47	Xaa-Pro dipeptidase	
Q11136	47	56	AcD3-VLQGGEMQR-COOH	ASAV↓VLQG	1	0.63662	58/47	Xaa-Pro dipeptidase	
Q88J05	589	600	AcD3-SVAQKPEKLLER-COOH	MTDL↓SVAQ	1	0.60633	43/43	Zinc finger CCCH domain-containing protein 14	
Q9CYA6	678	689	AcD3-ENMAESTGMVLR-COOH	PFEF↓ENMA	2	0.58508	57/43	Zinc finger CCH domain-containing protein 8	
Q80U44	337	346	AcD3-MKQTVKEDSR-COOH	TSVF↓MKQT	1	0.75613	53/47	Zinc finger FYVE domain-containing protein 16	

Q8R1N0	242	252	AcD3-FDDPEVDAKVR-COOH	PEGF↓FDDP	1	0.59564	70/48	zinc finger protein 830
Q62523	148	168	AcD3-EIDSLSLDDMTKNDPFKAR-COOH	SIDL↓EIDS	1	0.51928	59/47	Zyxin