Supporting Information S1. Benchmark dataset. It contains 550 decapeptide samples, of which 94 can be of cysteine prenylation belonging to the positive subset , and 456 cannot be of cysteine prenylation belonging the negative subset. See the main text for further explanation.

I. Positive subset contains 94 decapeptide segments with each having a cysteine at its C-terminal that can be of prenylation as confirmed by experiments.

Uniprot ID	Position	Sequence
Q5VW32	408	DIKPQKDTGC
P60953	188	PPEPKKSRRC
Q02224	2698	ASSGKDVPEC
P49454	3207	GLESNGSENC
Q13286	435	LALPLHDFLC
Q8R1B5	155	GDLKQSAEKC
Q80WM3	157	EIKQSAEQKC
O95661	226	NTTEKLLDKC
P31689	394	EHHPRGGVQC
O60884	409	SSHHGPGVQC
P18852	107	QMSNSNSVCC
P02698	71	NPFKELKGGC
P50151	65	SNPFREPRSC
Q28024	69	ENPFKDKKTC
Q9UBI6	43	KASADLMSYC
Q9NFZ3	69	NNPWAEKGKC
P32455	589	QTKMRRRKAC
Q01514	586	IKNMPPPRSC
Q9Z0E6	586	LKQNKSSGKC
Q63663	586	MKRRQSPGKC
Q93WC9	333	AAMERELSRC
P18688	1234	VQEFLPHSIC
P12798	1090	EVKPSNEDSC
P0C6L5	211	ADPPFSPQSC
P02545	661	SPRTQSPQNC
P20700	583	GTPRASNRSC
P25491	406	EEQGGEGVQC
Q9BRT3	112	EKITNSRPPC
Q9MAB9	114	GDPKMNKCVC
Q9SW27	115	KAPKAVICTC
Q9LSD8	117	EAPQRSFCSC
Q9SH14	117	DPPRKSHCVC
P55209	388	PKKDQNPAEC
Q9UP65	538	YYPKDSARSC
Q60415	296	GPPGANGEQC
P43119	383	SSKAEASVAC
Q96MT3	828	KKKGHKGKNC
Q7Z3G6	841	SRKRQKSKNC
P51153	200	TCDKKNTNKC
P62822	204	TPVKQSGGGC
P62822	205	PVKQSGGGCC
P51157	218	TVNPPRSSMC
P61105	211	QGGQQAGGGC
P25228	218	QPQGTPNANC
P25228	220	QGTPNANCNC
P11023	218	DQQAPPHQDC
P11023	220	QAPPHQDCAC

P20339	212	EPTQPTRNQC
P20339	213	PTQPTRNQCC
P20340	206	QEQPVSEGGC
P20340	208	QPVSEGGCSC
P51149	205	DRAKASAESC
P51149	207	AKASAESCSC
P61006	204	QQKRSSFFRC
P63000	189	PPVKKRKRKC
P15153	189	QPTRQQKRAC
Q38912	195	KKKRKSQKGC
P11233	203	SLAKRIRERC
P11234	203	KNKKSFKERC
P62834	181	EKKKPKKKSC
P61224	181	PGKARKKSSC
P10114	180	DKDDPCCSAC
P01120	319	ASKSGSGGCC
P01112	186	SGPGCMSCKC
P01116	186	TPGCVKIKKC
P01111	186	GTQGCMGLPC
P62491	212	TTENKPKVQC
P62491	213	TENKPKVQCC
P51159	219	LSEEKEKGAC
P51159	221	EEKEKGACGC
Q8TAI7	180	ENSYGQERRC
Q15382	181	GAASQGKSSC
P25378	206	GLDAENNNKC
P63033	263	EGQARERDKC
P61585	190	ARRGKKKSGC
P62745	193	GSQNGCINCC
P28327	558	AAPSSKSGMC
P61587	241	DLRKDKAKSC
P10301	215	PRKKGGGCPC
P62070	201	KEKDKKGCHC
Q92737	200	LQGALHPARC
Q15831	430	SSKIRRLSAC
Q93096	170	KDSNGHRNNC
Q12974	164	LRFRDTNGHC
O75365	170	KDPHTHKTRC
P09936	220	EVRFSAVALC
O15498	195	KTARKQNSCC
P11620	202	TNVSQSSSNC
P11620	203	NVSQSSSNCC
P01123	205	QSLTNTGGGC
P01123	206	SLTNTGGGCC
P17610	213	LNKKKSSSQC
P36586	209	RPAAQPSGSC
P36586	211	AAQPSGSCSC

II. Negative subset contains 456 decapeptide segments with each having a cysteine at its C-terminal that cannot be of prenylation as confirmed by experiments.

Uniprot ID	Position	Sequence
P45381	310	LTLNAKSIRC
Q7Z6V5	188	PKSKVRKKEC
Q04844	490	RVPDLPYAPC
P43353	465	VAMEAQGCSC
P22303	611	FDHYSKQDRC

Q8IZF6	3077	NDDFDKDPYC
P05062	361	ASTQSLFTAC
P04083	343	DYEKILVALC
P48448	382	LRWGMGSQSC
Q13794	51	LLNLISKLFC
O95236	399	TQIYQRLNPC
O00468	2064	AVTKPELRPC
Q8NB46	1073	RPGAIGLDGC
A6NHY2	525	SKTDSNSKKC
O00253	129	RKLGTAMNPC
Q13510	392	TYLRDCPDPC
P26436	262	IICCRNQSFC
Q93084	1040	AGNRVESPVC
Q96EG1	522	CNPYQIACRC
Q8TBH0	404	PLLGDMRPRC
Q96B67	411	DQSADDRPSC
P82987	1688	RYKQRCCQSC
Q9NR55	124	PPRPDPVAGC
Q9NWD9	117	PEPDNHYDFC
Q86Y27	40	LEPEDGTALC
Q00994	108	NHHDHHDEFC
Q9UKP5	1114	YFRQMCCKTC
Q8NCR0	497	KERCGDPCRC
Q9UBV7	324	DCDKTATPWC
O95393	421	KYEGMAVSEC
P34820	399	KHRNMVVKAC
Q8WY36	938	MPQAPVLISC
P12644	405	NYQEMVVEGC
Q9Y2C3	307	ALENSRGEDC
Q8N7W2	516	AKSLTLHISC
Q6PGQ7	556	WMKTASPFQC
P53004	293	LAEEIQKYCC
Q8N1I8	208	PRMNEGTPQC
Q8N6Q3	434	APALWWGVVC
Q8N0U6	115	YFLPTLGCFC
Q13137	443	KQIFEDHVFC
A6NHC0	700	QLSLAEWLCC
Q8WUD4	163	VDAATEQKTC
Q8IV13	432	SGSHMFPTGC
Q96G97	395	GGALRQRPTC
Q7Z6A9	286	EAPTEYASIC
Q12873	1997	KEPRAGEVIC
Q13231	463	LVFSNSCKCC
Q76N32	754	KPMAAMEHPC
Q6P2H3	759	RYAQDMGENC
Q16589	341	FNFKVAQTLC
Q5T5M9	369	NEHYPCITPC
P08603	1228	WDGKLEYPTC
P06276	599	NDYTSKKESC
Q495D7	135	VRHQCQQTTC
P01730	455	QCPHRFQKTC
Q9P209	644	PHSSASHGGC
Q96NL8	204	QTDHQLRWVC
Q86XR8	497	QNSLQSSSLC
Q6ZUL3	220	LSGAQVILVC
Q5T6V5	338	KGIPFHRIRC
Q9H078	704	RAPLHPEKVC
Q6UWE3	97	SKDLMCSRRC

Q2UY09	1122	NSEKECQETC
P12107	1803	KFGFEVGPVC
Q8WVH0	155	GDLKQSAEKC
Q9UGL9	96	RSNNRSSGCC
Q5TAT6	714	GEDGLPVQGC
Q7Z408	3484	EAEFTVSTVC
Q5T742	119	CAPPQPSWPC
P11511	500	IFTPRNSDRC
Q8IZJ3	1882	EEGLWMSNTC
Q8IVE0	284	PRCIMSAAGC
Q8NHV5	164	VGLLFAGKVC
Q8N7U9	138	ALPTSLCLCC
A8MQ03	141	FCRCHSCCCC
Q96PZ7	3562	RFDTTLNTVC
Q96MC5	201	IKDCCGATQC
P58513	78	QSFLLKTGPC
P01037	138	NRRSLVKSRC
O43293	451	EQEKLQGVEC
Q7Z7G2	157	EIKQTAEQKC
Q9BUV8	134	TGHLDHLLHC
P28325	139	DKISILNYKC
O60676	139	GEFTVMEKKC
O15255	206	ISSPPPETSC
Q9H112	135	EQYKILNKSC
Q7L7V1	740	ETCPETEQRC
Q7L591	493	RERRKGPAPC
Q8TE96	714	SSAQEFRDPC
Q08554	891	PKFRTLAKTC
Q8IV53	798	RPRVADLKKC
Q96HU8	196	KRKEKLKGKC
P01034	143	GTMTLSKSTC
Q30KQ9	64	YCIRPGTHCC
Q15828	146	NSSQLLKHNC
A6NGE4	597	EEEGQDRVQC
O94907	263	ASNSSRLHTC
P28067	258	VLIIYFRKPC
Q9UF47	196	LIKEGSRSYC
Q9BVM2	200	KTAHSNDGDC
O95672	772	DSPMNPAHKC
Q9UBS3	220	GNMVTTYTDC
Q96JB1	4487	WILRGVALLC
Q8NDI1	1228	GKMAKKEEKC
Q9NX77	479	VCLCCLLLVC
P12259	2221	IALRLELFGC
Q8N693	403	APVINSYYAC
Q5XKK7	195	WCCLGDSSSC
Q8NEG4	497	SPSSAKPSNC
Q63HQ2	1014	AVDGKNINTC
Q8N3D4	1520	SRQLSRRERC
Q9UKC9	420	GSGQRLCRCC
O14843	343	GCGTGGQVAC
P39405	259	LPDVQQCGDC
Q99518	468	LAVRLYFGPC
Q494R0	119	SPLDLCAGAC
Q12948	550	RTSGAFVYDC
Q8IW50	182	CCQATSSTAC
Q8N5J2	466	RQRPKHESDC
Q9UK96	953	GYHSNRSVFC

Q99958	498	RHAAPYSYDC
Q96ME1	802	NELEIGFSYC
Q9P2W3	64	NNPWVEKGKC
O60262	65	ENPFKDKKPC
Q8N5D6	344	FSTLDKDISC
Q8N0W3	1081	LLGTEASTCC
P62685	644	QDNNPHCPKC
P78334	503	FFNVLYWLVC
Q8NA03	578	QETKDAAEEC
P59768	68	NPFREKKFFC
P32456	588	MRSKSLEPIC
P55107	475	VYPNMSVDTC
O60383	451	EYEDMIATKC
P39905	208	ILRKHSAKRC
Q969Y2	489	ILDIIFQDFC
Q96PP8	583	QRTVNNDDPC
Q99988	305	TYDDLLAKDC
P19087	351	IIIKENLKDC
P43304	724	RVPIPVDRSC
Q9NP62	433	CNNDMLLNLC
Q86YW7	127	GACSTATTEC
Q6IB77	293	IPRSWNQWNC
Q9UHW5	281	SMFDEYFQEC
A6NEY3	460	LVRCPTWGGC
Q13491	262	LKFKSREDCC
Q6PII5	287	WTLRKASGDC
P37205	99	GRLPGYVPSC
Q02747	112	TCEICAYAAC
P49019	384	PASLEKQLGC
P60008	228	IKGVRRVAKC
P81172	81	CCHRSKCGMC
Q8DA18	403	DGQFEQHKEC
P04553	48	CCRPRYRPRC
Q8RFN0	315	YQVILKHFDC
Q14642	409	KPHAHVHKCC
Q8WWQ2	589	VVKNVNALAC
Q9NQX7	264	NTFVVETLIC
P0C7L1	94	NITKLYDGQC
Q14573	2668	RLGFVDVQNC
Q27J81	1246	SDDNKTKKLC
P05111	363	TVPNLLTQHC
Q9VG55	188	PRLGKRAQVC
P32019	990	AQEFIHQFLC
P01591	156	VETALTPDAC
Q9NRR6	641	LQSQNSSTIC
Q96NX5	473	HCRAGQTGVC
Q9BQ31	488	ICNTTSLENC
Q14807	662	ILGLAAGQRC
O43790	483	ARVGVCGGSC
Q6PEX3	207	HVFSTCRPSC
Q9BYP8	102	PVCCQPTPIC
P23276	729	GALLNPSSRC
P46020	1220	VQEFLPHSIC
Q3LI61	62	PSCYGRYWSC
A0A183	77	TTYHCKEEEC
P00709	139	CTEKLEQWLC
P24043	3119	ELRGVQPVSC
Q6TFL4	597	VTIHRYNEKC

Q16787	3330	VQGPVSLNGC
Q96DT0	333	RISGSVQLYC
Q9H756	367	DKYIDIHELC
Q03252	617	GDPRTTSRGC
Q86WI0	217	NSYAMELDHC
Q6UWQ5	145	RDLSEWKKGC
Q96KR4	652	FPLLAGFLLC
Q2VPJ9	312	AGLGPEPQAC
Q9P1T7	243	EICMECCGIC
Q5SR56	503	SSFEEPGNQC
Q05195	218	IKLQDSHKAC
Q16048	83	CMLGRVYQSC
Q8IXW0	631	SCLPVTADTC
Q5T700	202	CSDWSDEYAC
Q32MZ4	805	NEKGKSKEDC
Q16644	379	AGSSSASQGC
A6NCL2	156	IPRTGILAQC
Q9BZG9	128	SIACCQTSLC
P55001	180	SVAASCARSC
P03971	557	HVPNMVATEC
P14780	704	GYVTYDILQC
Q495T6	776	GTPMHPKERC
P22894	464	VARGNKWLNC
Q9BXW4	144	DGSSLEDRPC
Q9UHC1	1450	QSLQQSMPPC
B2RBV5	116	VELHQRIAGC
P42345	2546	NLCQCYIGWC
Q5VZ52	158	DEHEWITRTC
Q8NEH6	492	KVYQQRSEIC
Q9BTC8	591	HNGLDELTCC
Q8IY84	433	RGIRHTSKFC
Q9HC58	641	VFTFVNLPMC
Q9BR09	282	HLPKELKDFC
Q969S2	329	PQLSEEPEQC
Q8WWR8	481	NLGDKPRGCC
O95436	687	VPASDSKTEC
O00634	577	LQRRERRGRC
P80188	195	IVFPVPIDQC
Q5JPE7	1264	EILLETTATC
Q96S42	344	HHKDMIVEEC
P51843	467	MDDMMLEMLC
Q9BW91	347	HWSEDSEADC
Q15761	442	KADLVSLIHC
Q149M9	1561	TKSNKCSQVC
P00973	397	TPQAEEDWTC
Q8TEA1	466	GFFIAKFVKC
Q99748	194	TVHELSAREC
A6NJ64	394	RLSKLRTGHC
Q6ZRI0	2922	TVQEPTDCAC
A0A0B4	161	TSKKITIADC
P51160	855	GGDDKKSKTC
Q8IXS6	376	TQKKKRCQCC
Q6ZVX9	374	RKFLNSSEFC
Q8NGD0	310	RKVVTKYILC
Q9UKS6	421	GLYPANYVEC
Q96M98	293	KYVVPTYESC
Q6N063	347	REEPATVDVC
Q8N4S7	270	DLLWAAHHAC

P78562	746	STMNRGMDSC
Q6A1A2	393	RVSVPLRQAC
Q75T13	919	FIPLLLHALC
Q9NXJ5	206	EQSEGKINYC
Q96T49	564	EMEEKVHGCC
Q8IV08	487	TSADSVGNAC
P49335	358	SHTVKTDTSC
O60486	1565	KVLFDEKKKC
Q2TBC4	341	EDSNASKTHC
Q9UHV8	136	SRDISLTSVC
Q8N3Z0	410	LWIHGNDANC
P04554	99	RGCRTRKRTC
Q6PEW0	392	LVSFVLVFFC
Q14997	1840	VLTDLLVSPC
P51148	213	ENNPASRSQC
Q969Q5	200	QKPNPYFYSC
Q9UL25	222	QAQTSGGGCC
P57729	208	STKVASCSGC
P60763	189	PPVKKPGKKC
O14807	205	RATGTHKLQC
Q15771	200	GKSISYLTCC
P61020	212	EQSQQNKSQC
Q96S21	278	PPQNCSRSNC
Q92930	204	RSKKTSFFRC
Q9NS23	341	QKIQEALHAC
Q9ULC3	234	KKNRNPFSSC
P49792	3221	VCRRITITEC
Q9P1V8	671	APEENEELPC
Q9UN30	326	YIDRLKQGKC
O75711	95	GPKISFVIPC
O75920	107	FFPSFYEDFC
P09750	430	DEEHVDAYCC
Q499Z3	404	QQHGPVSCTC
Q13296	90	MQLIYDSSLC
P63208	160	AQVRKENQWC
P08294	237	RKKRRRESEC
Q2VWA4	998	MVQQLQIVSC
Q7Z5L0	199	TALNDARLFC
P51809	217	LCGGFTWPSC
Q6P4I2	375	LHVWDWVDLC
Q2TAL6	322	RQAMCTRHEC
Q8N5D0	674	EDSSEGQVQC
Q3MJ13	1099	HSWIAKVCPC
Q9H4E5	211	KRCSEGHSCC
O94955	608	KYIHSRKCRC
Q7Z444	230	HQKATCHCGC
P17081	202	RIGSRCINCC
P57735	210	PGPGEKRACC
Q9Y3L5	180	EKQDQCCTTC
Q8IZ41	737	SKKSPQMKNC
Q96D21	263	EGQARERDKC
Q4ADV7	1420	EPFQDGTYDC
P08134	190	VRKNKRRRGC
Q9HBH0	208	AQRQKKRRLC
Q15669	188	RRRLFSINEC
Q9BQ08	108	VVDWTTARCC
P0C7P2	104	LFQIFIGMLC
P30050	162	DDINSGAVEC

Q92730	229	TFKKEKAKSC
A6NIZ1	181	PGKARKKSSC
Q92834	1017	TNTERRSKSC
Q5SD16	129	QKQIGGEILC
Q6ZUB1	1442	LQELMSAQRC
W5XKT8	321	LAWMFFRWYC
Q7Z2H8	473	NAPIFINSTC
Q6ZMJ2	492	GHAEDASVTC
P35713	381	ASSAVYYSAC
Q9Y2M2	350	DYPERYCCGC
O00338	293	KMEGTSINFC
O95793	574	RTGNGPMSVC
Q9UHE8	336	VTKINKTEIC
P0DMP2	455	EQFYFTVREC
Q9NRH2	762	LCASSPASCC
Q9UPU3	1219	SESTKEIPNC
Q9Y6Q2	732	GEDPDKIGDC
Q8N4C7	291	VLCCWCCPCC
Q8WW35	139	LFCVVAAFGC
Q96PL2	326	HHLIMMLGIC
Q9NYW4	296	LWKTVCARRC
A6NDI0	449	SPPLRPIFCC
A0AVI4	359	RARFCILDVC
A6NKF7	160	GRPDEDEQLC
Q7Z5M5	1097	LTVDLDDLIC
Q8NA31	724	YHKLTKHPTC
Q8IYN2	114	HSRSRPYPVC
P01137	387	QLSNMIVRSC
Q2T9W2	503	SEEDGERCPC
A6NI61	218	AKLDCSTLCC
Q9NS56	1042	LMSVCLGRDC
Q969S6	133	LLQLLMIRAC
Q6P2H8	274	SLCVDFMRNC
Q7Z2T5	730	VNDKAEASGC
Q6ZNB5	139	KQRCSTKEDC
Q7RTX1	838	ASIQDYTRRC
O60635	238	AMIVSMYLYC
O15205	162	GNLLFLACYC
Q8NFA0	1601	DFESDYKKYC
A8MYJ7	563	RIRREASSGC
Q6F5E7	130	KDDVCPGMKC
Q14258	627	FSAGATLSIC
Q13404	144	KLPQPPEGQC
O95164	114	REKTGESNCC
O95858	291	EAAGTGCCLC
A2A3L6	579	QRRPMESGIC
P53804	2022	PSQNQELPSC
Q8N841	840	HCLISGQKGC
Q6PHR2	469	GLSESVRSSC
Q9UI72	66	ADRHIHGIAC
Q9H379	90	CVFELHWLYC
A6NHS1	91	EAWGSCGRWC
Q9HAH1	453	VRSHTGKKSC
Q3SY52	484	CSSLIHHQKC
Q6ZMY9	489	EDTEGRRAPC
O60844	164	LHWDVYPSSC
Q8TBZ8	550	SFITQPSNTC
Q7L3S4	314	ATATERCPEC

Q147U1	530	LAKHLRTKAC
Q15973	348	THTGEKPYKC
Q8ND82	734	TSTSEPTTGC
Q9NZV7	524	LHSQEKTVEC
P13011	355	RIKRTGDGSC
Q8BVM7	380	IKTPTEENNC
Q921Q3	479	PHPPCGHPSC
Q811W1	164	PQDKEMNSEC
Q9DAZ9	386	TSPYHPRRPC
Q64326	293	RDAFKRMLFC
O08691	351	SPHESENEEC
Q8CDM1	1037	MEQAVENFNC
Q8K2Q7	408	DIRPQKDTGC
Q91ZW9	175	WICKKSAMSC
Q91ZW8	234	ICKKVSTSSC
Q6RT24	2471	ASLEKDVSQC
P60766	188	PPEPKKSRRC
Q5HZK1	383	FEETAELLKC
P16330	417	SRKGGAMQIC
Q61330	1037	CMVILMLAGC
P82019	60	NCGHFKVRCC
P50716	88	RCLRCPMCKC
Q8BH50	242	ITAEIPGRGC
Q9JM84	145	NKMSMTNFNC
Q80ZN5	138	FELKMLKKQC
P56386	66	GTCKPDKPNC
O35902	990	YNMLYTKETC
Q30KN3	59	AECKSRYKHC
Q6ZQJ5	1059	ESLSHILGDC
P28311	89	TCGIRFLYCC
Q7TMD2	59	TCYEGKGKCC
P28078	258	VFFLCSQRPC
Q3UKU4	492	GKGITKASNC
Q14DQ1	194	CWCCLGDSSC
P70379	244	MNGGKPVNKC
Q9CXP8	65	SNPFREPRSC
Q61450	300	QNEDPPRELC
Q6PGG6	574	LDLSGNSDDC
Q91WA3	344	QNSGIPLLSC
P02319	48	RRRRSYTIRC
Q9JIP3	496	KRSQACHDSC
Q09TK7	85	PIKYKYHGIC
P23463	286	GLEEDGAEGC
Q9QZ85	410	DAKTLLKEIC
Q3UZV7	1025	ESVQLKSSRC
Q7TSH2	1082	EVKPSNEDSC
Q58A65	1318	SHLIVWQVMC
Q3U1D0	761	KLLKGVEAKC
P14733	585	GAPRASNKSC
Q0VET5	661	CYPPITEELC
Q80US8	203	REHSYSHSTC
Q8R4F0	550	DDPPGSLLCC
Q9CQ86	112	EKITNSRPPC
Q6PDC8	507	KALGVENPEC
Q14CH1	859	SEVLPVLKDC
P49681	326	RRSLRQLVSC
Q8C0Q4	625	KKPVKGTHFC
Q3URJ8	178	SISMEEEDTC

P28656	388	PKKDQNPAEC
Q8K4P1	116	VFLSLHETDC
Q8CCT7	345	STRKRQGEFC
Q01063	744	PETCVPDDCC
Q8VCI5	296	GPPGANGEQC
Q62028	1484	KRGHKGRPIC
A2AGX3	562	VFSLGGGAHC
Q8VDG5	308	LRSRHTAFIC
Q80VL3	621	MPRQTRDKNC
P35292	211	QEPPIRQRQC
Q99KL7	218	TVNPPRSSMC
P32883	186	TPGCVKIKKC
P61226	180	NGDEGCCSAC
P46638	215	GQRPNKLQCC
P08556	186	GTQGCMGSPC
Q61411	186	SGPGCMSCKC
Q9D8T3	181	NSYGRQDRRC
Q9QYZ4	481	TSHLGQSRVC
Q8BTE6	60	CVSIGCSHIC
Q921J2	181	GAASQGKSSC
Q9CQK3	278	SLEEEDLKLC
Q7TQ32	417	LSALFVLWLC
Q9WVL4	561	AAPTAKSGMC
Q05144	189	QPTRQQKRPC
Q3V3A7	632	RAGSGSKGAC
F6TQD1	304	RSVASPWHAC
P10833	215	PRKKDGGCPC
P62071	201	KEKDKKGCHC
Q9Z2J0	602	PDNIETGSVC
Q8K5A4	200	LQGALHPARC
Q60710	624	LQEVSKVKTC
Q8CGN8	73	KCPAQQDPKC
Q9DAQ9	151	YNDPSFRTSC
Q8BZ60	892	GEDLENPKEC
Q3UN54	96	HKCCDHQNLC
Q8VCK7	131	WSDSISALYC
Q810U2	302	APLLSKISPC
Q9CQG9	131	QTALVVNQRC
Q8CCM6	246	IVYRIQGILC
P50284	412	HLAETETLGC
Q7M723	299	TMRALQRLKC
Q9R0P9	220	EVRFSAVALC
Q9CQW1	195	KTARKQNSCC
Q80WQ9	1165	FLKVNLPLIC
Q8K083	1299	SGCIKRPDLC