

Supplementary Information S1. Benchmark dataset \mathcal{S} contains 1,514 peptide samples, of which 106 are of PGK (lysine phosphoglycerylation) belonging to the positive subset \mathcal{S}^+ , and 1,408 are of non-PGK belonging to the negative subset \mathcal{S}^- . See Eq.3 as well as the relevant text in the main paper for further explanation.

(1) List of the 106 PGK samples in the positive subset \mathcal{S}^+ .

Uniprot ID	Site	Sequence
E7EUT5	32	GVFTTMEKAG AHLQG
E7EUT5	64	VMGVNHEKYD NSLKI
E7EUT5	87	NCLAPLAKVI HDNFG
E7EUT5	119	TVDGSPSGKLWR DGRG
E7EUT5	140	PASTGAAKAVGKV IP
E7EUT5	185	AKYDDIKKVVKQ ASE
E7EUT5	179	CRLEKPAKYDDI KKV
E7EUT5	188	DDIKKVVKQASEG PL
C9J5S8	23	LDSALPSKVPAF SDK
H0YDD8	76	EEKKDEKKEESE ESD
P04406	27	RAAFNSGKVDIV AIIN
P06733	335	IAKAVNEKSCNCL LL
P06733	343	SCNCLLLKVNQ IGSV
P49006	144	EGTAQEGKAAATP ES
Q9Y619	145	YEMETSGKIAKSQ NT
Q86UP2	292	KDFLLSLKTMMF SED
Q13541	69	CRNSPVTKTTPR DL
B8ZZL8	56	VGSGSKGKGGEIQ PV
P51814	297	YEKHLSHKQAPTH HQ
K7EM90	92	TEQEKIDKLMIE MDG
Q5JSZ5	386	VDYSEKLFSDDEE E
Q5JSZ5	398	EEEEEVVKDGRPK WN
Q9Y597	796	TASPSPTKTTPSP RH
B4DPF6	208	LKDLILQKGITQNA L
Q5RL73	351	VPKPPEDKPEDVH TS
Q9C026	347	KEHEHKLKVVRDQ IS
H3BTN5	367	MLSGETAKGDYPLE A
J3KRX8	91	VRGHNCPKPVLN FYE
Q9H1E3	228	STSPPEKSGDEGSE
P68104	330	GNVAGDSKNDPPME A
P15259	100	GGLTGLNKAETA AKH
P60174	256	SVTGATCKELASQP D
Q6PKG0	1083	QPVREDAKWTSQH SN
P14174	78	AQNRSYSKLLCGLLA
Q9BYV9	177	TMDSETAKMACPRD Q
F8WIT2	446	YDAKQLKAMEGAGT
F8WIT2	442	PPAHYDAKQLKKAME
F8WIT2	445	HYDAKQLKAMEGAG
Q9DB16	3	XXXXXMKMPLFSKS
Q8BH04	262	GNSLLGKCFALRIA
Q8BMS1	214	IRADRAKMG LVDQL
Q91V76	75	LLPLVNNKKVYDLNE
P12790	237	VHRQIVKKQQE LLDY
P02089	67	KVKAHGKKVITAFNE

P02089	83	LKNLDNLKGTFFASLS
D3Z563	31	LDLKGKAKWDSWNKL
Q8R1M2	120	QAVLLPKKTESQVKV
A8DUK4	96	LSELHCDKLHVDPEN
A8DUK4	145	VAAALAHKYHXXXXX
J3QMG3	20	AAKDVFNKGYGFGMV
P01942	17	NIKAAWGKIGGHGAE
P01942	12	GEDKSNIKAAWGKIG
P01942	57	SHGSAQVKGHGKVA
Q91Y97	243	AGHACTKKYTPEQVA
Q91Y97	147	KDGVDFGKWRAVLRI
P23881	199	EMLSAALKAEDNFKD
P51881	96	FAFKDKYKQIFLGGV
P51881	105	IFLGGVDKRTQFWRY
P48962	92	QALNFAFKDKYKQIF
Q3UJB0	853	MVAEHAAKQKQKRRK
P26040	60	KGFPTWLKLDKKVSA
P11983	243	CLDFSLQKTKMKLGV
P62908	201	PSGKIGPKKPLPDHV
E9PZS8	56	TAYDYSGKNKVPPELQ
P12710	96	NKMVTTFKGIKSVTE
Q8C196	1479	LFAEAVQKSRTVDSK
Q8C196	214	KDVKVFGKGNPTKVV
Q8C196	811	TFEESFQKALRMCHP
Q9DAY2	206	KSSDKNNKFLAMFNL
O09172	263	SRGIIKSKGYILQAK
P18894	263	TIWKSCCKLEPTLKN
P18894	259	RDHNTIWKSCCKLEP
Q9EQF5	256	VMSKSAAKVVADARR
P16015	64	KTILNNGKTCRVVFD
Q9QXX4	177	RDNAKTGKVSAIDFR
Q3UL97	53	IPNGHNQKMFSKNKE
I7HPV9	971	GIKKVCFKVSEDEQE
D3Z041	552	WLPNGTLKIIDRKKH
D3Z041	544	LHTGDIGKWLPNGTL
F6UB20	63	KVWIYPIKSCKGVSV
P16879	161	RKYQEASKDKDRDKA
P49722	92	VLVHRARKLAQQYYL
P11881	569	HSQQDYRKNQEYIAK
B1AU42	104	LESKRLRKYLFQILR
Q9EQP2	35	LRSLYQRKVLPLEEA
A2AQC3	190	IRCYVRDKEMNSQVY
P99028	83	RDHCVAHKLFKNLXX
O88844	224	KKYDGRFKDIFQEIY
P47806	79	PPRSSHVKTTKKRAL
B1AS29	367	GRFMNFIKEAQWEG
J3QNG0	340	FVRHCIQKSQERVEG
F6YLP3	48	IWPRIDQKSCFKSMV
B0QZL1	193	AEVYHNLKNVIKEY
Q9EP89	383	ARFYVYNKKKRLVNT
P35585	296	SRIEYMKAKSQFKR
P26443	503	RISGASEKDIVHSG

E9Q1V0	115	RLAILYAKRASVFK
D3YYI5	252	DLACRLEKPAKYDDI
Q9D020	123	RRKLLQLKEQYYAIE
P62814	48	SQPRLTYKTVSGVNG
Q920E5	57	EYNALGGKYNRGLTV
E9QNN1	1027	GRNALIHKSSVNCPP
P22752	96	RNDEELNKLGRVTI
P47857	678	FDRNFATKMGAKAMN
P11214	167	ARRPNAIKLGLGNHN
A6ZI44	254	PDGDHDLKRCQYVTE

(2) List of the 1,408 non-PGK samples in the negative subset S^- .

Uniprot ID	Site	Sequence
E7EUT5	9	EEMRDPSEKIKWGDAG
E7EUT5	11	MRDPSEKIKWGDAGAE
E7EUT5	42	AHLQGGAKRVIISAP
E7EUT5	111	HAIATATQKTVDGPSG
E7EUT5	144	GAAKAVGKVIPELNG
E7EUT5	152	VIPELNGKLTGMAFR
E7EUT5	176	DLTCRLEKPAKYDDI
E7EUT5	184	PAKYDDIKKVVVKQAS
E7EUT5	196	QASEGPLKGIILGYTE
E7EUT5	234	ALNDHFVKLISWYDN
E7EUT5	259	LMAHMASKEXXXXXX
C9J5S8	30	KVPAFSDKDSLGDDEM
C9J5S8	44	MLAAALLKAKSQELV
C9J5S8	46	AAALLKAKSQELVTF
C9J5S8	63	VAVYFIRKEWKRLEP
C9J5S8	66	YFIRKEWKRLEPAQR
C9J5S8	118	VLLGRFQKDISQGLK
C9J5S8	125	KDISQGLKFKEAYER
C9J5S8	127	ISQGLKFKIAYEREV
C9J5S8	137	YEREVSLKRPLGNP
C9J5S8	151	PGERLNRKMPDFGQV
C9J5S8	163	GQVTVEEKLTTPRGER
C9J5S8	173	PRGERSEKYNDFGNS
H0YDD8	10	GNSSPSAKDIKKILD
H0YDD8	13	SPSAKDIKKILDSVI
H0YDD8	14	PSAKDIKKILDSVIS
H0YDD8	38	VIAQGIGKLASVPAG
H0YDD8	71	APAAAEKDEKKEE
P04406	3	XXXXXMGKVKVGVNG
P04406	55	QYDSTHGKFHGTVKA
P04406	61	GKFHGTVKAENGKLV
P04406	66	TVKAENGKLVINGNP
P04406	107	GVFTTMEKAGAHLQG
P04406	139	VMGVNHEKYDNSLKI
P04406	145	EKYDNSLKIISNASC
P04406	162	NCLAPLAKVIHDNFG
P04406	215	PASTGAAKAVGKVIP

P04406	254	CRLEKPAKYDDIKKV
P04406	263	DDIKKVVKQASEGPL
P06733	5	XXXMSILKIHAREIF
P06733	28	EVDLFTSKGLFRAAV
P06733	54	LELRDNDKTRYMGKG
P06733	60	DKTRYMGKGVSKAVE
P06733	64	YMGKGVSKAVEHINK
P06733	71	KAVEHINKTIAPALV
P06733	80	IAPALVSKKLVNTEQ
P06733	81	APALVSKKLVNTEQE
P06733	89	LVNTEQEKIDKLMIE
P06733	92	TEQEKIDKLMIEMDG
P06733	103	EMDGTENKSKFGANA
P06733	105	DGTENKSKFGANAIL
P06733	126	CKAGAVEKGVPLYRH
P06733	162	GGSHAGNKLAMQEFM
P06733	193	AEVYHNLKNVIKEY
P06733	197	HNLKNVIKEYGKDA
P06733	199	LKNVIKEYGKDATN
P06733	202	VIKEYGKDATNVGD
P06733	221	APNILENKEGLELLK
P06733	228	KEGLELLKTAIGKAG
P06733	233	LLKTAIGKAGYTDKV
P06733	256	SEFFRSGKYDLDFKS
P06733	262	GKYDLDFKSPDDPSR
P06733	281	DQLADLYKSFIKDYP
P06733	285	DLYKSFIKDYPVSI
P06733	306	DDWGAWQKFTASAGI
P06733	330	TNPKRIAKAVNEKSC
P06733	358	TESLQACKLAQANGW
P06733	394	GLCTGQIKTGAPCRS
P06733	420	IEEELGSKAKFAGR
P06733	422	EELGSKAKFAGRFR
P49006	7	XMGSQSSKAPRGDVT
P49006	25	AAGASPAKANGQENG
P49006	35	GQENGHVKSNGDLSP
P49006	43	SNGDLSPKGEGESPP
P49006	77	PSQGAEAKGEVPPKE
P49006	83	AKGEVPPKETPKKKK
P49006	87	VPPKETPKKKKKFSF
P49006	88	PPKETPKKKKKFSFK
P49006	90	KETPKKKKKFSFKP
P49006	91	ETPKKKKKFSFKPF
P49006	95	KKKKFSFKKPKLSG
P49006	96	KKKFSFKKPKLSGL
P49006	99	FSFKKPKLSGLSFK
P49006	110	LSFKRNRKEGGDSS
P49006	157	ESQEPQAKGAEASAA
Q9Y619	34	GQPFDTMKVKMQTFP
Q9Y619	36	PFDTMKVKMQTFPDL
Q9Y619	53	GLTDCCLKTYSQVGF
Q9Y619	65	VGFRGFYKGTSPALI

Q9Y619	94	FCQQVVRKVAGLDKQ
Q9Y619	103	AGLDKQAKLSDLQNA
Q9Y619	131	LCPTELVKCRLQTMV
Q9Y619	148	ETSGKIAKSQNTVWS
Q9Y619	158	NTVWSVIKSILRKDG
Q9Y619	163	VIKSILRKDGPLGFY
Q9Y619	204	FFASGRSKDELGPVP
Q9Y619	234	VYPVDCIKSRIQVLS
Q9Y619	245	QVLSMSGKQAGFIRT
Q9Y619	258	RTFINVVKNEGITAL
Q9Y619	270	TALYSGLKPTMIRAF
Q9Y619	292	LAYEYSRKLMMNQLE
Q86UP2	30	LFFWLFMKETLYDEV
Q86UP2	40	LYDEVLAQKREQKL
Q86UP2	42	DEVLAQKREQKLIP
Q86UP2	46	AKQKREQKLIPTKTD
Q86UP2	51	EQKLIPTKTDKKAKE
Q86UP2	54	LIPTKTDKKAKEKKK
Q86UP2	63	KAEKKKNKKEIQNG
Q86UP2	64	AEKKKNKKEIQNGN
Q86UP2	85	ESVPRDFKLSDALAV
Q86UP2	116	SSVRERKKKEKKQKP
Q86UP2	117	SVRERKKKEKKQKPV
Q86UP2	119	RERKKKEKKQKPVLE
Q86UP2	120	ERKKKEKKQKPVLEE
Q86UP2	122	KKKEKKQKPVLEEQV
Q86UP2	131	VLEEQVIKESDASKI
Q86UP2	137	IKESDASKIPGKKVE
Q86UP2	141	DASKIPGKKVEPVPV
Q86UP2	142	ASKIPGKKVEPVPVT
Q86UP2	150	VEPVPVTKQPTPPSE
Q86UP2	162	PSEAAASKKKPGQKK
Q86UP2	171	KPGQKKSNGSDDQD
Q86UP2	189	ETLMVPSKRQEALPL
Q86UP2	201	LPLHQETKQESGSGK
Q86UP2	217	KASSKKQKTENVFVD
Q86UP2	248	DSSPVVDKREVIDLL
Q86UP2	256	REVIDLLKPDQVEGI
Q86UP2	265	DQVEGIQKSGTKKLLK
Q86UP2	270	IQKSGTKKLTETDK
Q86UP2	283	DKENAEVKFKDFLLS
Q86UP2	285	ENAEVKFKDFLLSLK
Q86UP2	309	LCVVDLLKEKSGVIQ
Q86UP2	311	VVDLLKEKSGVIQDA
Q86UP2	320	GVIQDALKSSKGEL
Q86UP2	321	VIQDALKSSKGELT
Q86UP2	324	DALKKSSKGELTTLI
Q86UP2	337	LIHQEQEKDCLLAHV
Q86UP2	339	HQEQEKDCLLAHVKE
Q86UP2	345	DKLLAAVKEDAAATK
Q86UP2	352	KEDAAATKDRCKQLT
Q86UP2	356	AATKDRCKQLTQEMM

Q86UP2	366	TQEMMTEKERSNVVI
Q86UP2	377	NVVITRMKDRIGTLE
Q86UP2	385	DRIGTLEKEHNVFQN
Q86UP2	393	EHNVFQNKIHVSYQE
Q86UP2	407	ETQQMQMKFQQVREQ
Q86UP2	423	EAEIAHLKQENGILR
Q86UP2	450	KQSAELNKLQRDYAR
Q86UP2	468	ELTEKTGKLQQEEVQ
Q86UP2	476	LQQEEVQKKNAEQAA
Q86UP2	506	EVQSYIRKRTAEHEA
Q86UP2	521	AQQDLQSKFVAKENE
Q86UP2	559	QLMESEQKRVNKEES
Q86UP2	563	SEQRVNKEESLQMQ
Q86UP2	582	LEQNEALKAQIQQFH
Q86UP2	607	VLAEEHLKVIAEKDK
Q86UP2	612	LHKVIAEKDKQIKQT
Q86UP2	633	ERDRLTSKEEELKDI
Q86UP2	678	MQQSVYVKDDKIRLL
Q86UP2	681	SVYVKDDKIRLLEEQ
Q86UP2	696	LQHEISNKMEEFKIL
Q86UP2	701	SNKMEEFKILNDQNK
Q86UP2	708	KILNDQNKALKSEVQ
Q86UP2	716	ALKSEVQKLQTLVSE
Q86UP2	727	LVSEQPNKDVVEQME
Q86UP2	743	CIQEKDEKLTVEEL
Q86UP2	745	QEKDEKLTVEELLE
Q86UP2	777	TENSSLTKEVQDLKA
Q86UP2	783	TKEVQDLKAKQNDQV
Q86UP2	852	IGNVQLEKAQQLSIT
Q86UP2	872	LQNLLKGKEEQMNTM
Q86UP2	880	EEQMNTMKAVLEEKE
Q86UP2	895	KDLANTGKWLQDLQE
Q86UP2	936	EELEIVLKEKENELK
Q86UP2	959	RESDLSSKTQLLQDV
Q86UP2	971	QDVQDENKLFKSQIE
Q86UP2	974	QDENKLFKSQIEQLK
Q86UP2	1006	KVISEREKEISGLWN
Q86UP2	1019	WNELDSLKDAVEHQR
Q86UP2	1027	DAVEHQRKKNNDLRE
Q86UP2	1028	AVEHQRKKNNDLREK
Q86UP2	1035	KNNDLREKNWEAMEA
Q86UP2	1053	TEKMLQDKVNKTSKE
Q86UP2	1056	MLQDKVNKTSKERQQ
Q86UP2	1059	DKVNKTSKERQQQVE
Q86UP2	1077	LEAKEVLKCLFPKVS
Q86UP2	1078	EAKEVLKCLFPKVS
Q86UP2	1082	VLKCLFPKVSVPSNL
Q86UP2	1100	EWLHGFEKKAKECMA
Q86UP2	1101	WLHGFEKKAKECMAG
Q86UP2	1103	HGFEEKAKECMAGTS
Q86UP2	1116	TSGSEEVKVLEHKLK
Q86UP2	1123	KVLEHKLKAEDEMHT

Q86UP2	1138	LLQLECEKYKSVLAE
Q86UP2	1163	SVEQEENKWKVKVDE
Q86UP2	1165	EQEENKWKVKVDESH
Q86UP2	1167	EENKWKVKVDESHKT
Q86UP2	1173	VKVDESHKTIKQMOS
Q86UP2	1176	DESHKTIKQMOSST
Q86UP2	1197	ERLRSENKDIENLRR
Q86UP2	1215	HLEMELEKAEMERST
Q86UP2	1231	VTEVRELKDLLTELO
Q86UP2	1239	DLLTELOKKLDDSYS
Q86UP2	1240	LLTELOKKLDDSYSE
Q86UP2	1268	QLNETLTKLRTEQNE
Q86UP2	1278	TEQNERQKVAGDLHK
Q86UP2	1285	KVAGDLHKAQOSLEL
Q86UP2	1296	SLELIQSKIVKAAGD
Q86UP2	1299	LIQSKIVKAAGDTTV
Q86UP2	1321	PETESSEKETMSVSL
Q86UP2	1348	AVNQQLTKEKEHYQV
Q13541	57	TRIIYDRKFLMECRN
B8ZZL8	8	MAGQAFRKFLPLFDR
B8ZZL8	28	SAAETVTKGGIMLPE
B8ZZL8	36	GGIMLPEKSQGVLO
B8ZZL8	40	LPEKSQGVLOQATVV
B8ZZL8	70	VSVKVGDKVLLPEYG
B8ZZL8	89	VLDDKVCCLNNSKKK
B8ZZL8	94	VCKLNNSKKKSDICN
B8ZZL8	95	CKLNNSKKKSDICNX
B8ZZL8	96	KLNNSKKKSDICNXX
P51814	49	PDLSPGPKGRSSADH
P51814	80	DVTVDFSKEEWQHL
P51814	114	SVGYQIPKSEAAFKL
P51814	146	CSGEAIGKMQQQGIP
P51814	201	NNLLSHVKVLIKERG
P51814	205	SHVKVLIKERGYEHK
P51814	212	KERGYEHKNIEKIIH
P51814	216	YEHKNIEKIIHVTTK
P51814	223	KIIHVTTKLVPSIKR
P51814	229	TKLVPSIKRLHNCDT
P51814	239	HNCDTILKHTLNSHN
P51814	258	SATKNLGKIFGNGNN
P51814	274	PHSPSSTKNENAKTG
P51814	279	STKNENAKTGANSCE
P51814	292	CEHDHYEKHLCHKQA
P51814	305	QAPTHHQKIHPEEKL
P51814	311	QKIHPEEKLYVCTEC
P51814	325	CVMGFTQKSHLFEHQ
P51814	345	EKSRECDKSNKVFPO
P51814	348	RECDKSNKVFPOKPO
P51814	353	SNKVFPOKPOVDVHP
P51814	376	YLCTQCGKVFTLKS
P51814	398	HTGQKPKCSECGKA
P51814	520	DCGKSFTKKSQHLVH

P51814	582	TDQSNLIKHQKTHTG
P51814	609	FIWKSRLKIHQKSHI
P51814	753	SRLNIHQKSHTGERH
P51814	786	HQIIHTGKKPYACTE
Q5JSZ5	12	LGQITKKGKDGKSKYS
Q5JSZ5	17	KGKDGKSKYSTLSLF
Q5JSZ5	26	STLSLFDKYKGSVD
Q5JSZ5	30	LFDKYKGSVDAIRS
Q5JSZ5	67	PANLPSLKSENKGND
Q5JSZ5	82	PNIVIVPKDGTGWAN
Q5JSZ5	90	DGTGWANKQDQDPK
Q5JSZ5	97	KQDQDPKSSSATAS
Q5JSZ5	117	LPQPGLQKSVSNLQK
Q5JSZ5	124	KSVSNLQKPTQSIQ
Q5JSZ5	142	NSVPGGPKSWAQLNG
Q5JSZ5	150	SWAQLNGKPVGHEGG
Q5JSZ5	183	KAAGGQDKAGKEKGV
Q5JSZ5	251	SACTSDSKDPSLRPA
Q5JSZ5	290	PAFMCSPKSENQGT
Q5JSZ5	327	QMNDQDGKENRLGLS
Q5JSZ5	359	IINAENLKGLDDLDA
Q5JSZ5	384	EEVDYSEKLFSDDE
Q5JSZ5	403	VVKDGRPKWNSWDPR
Q5JSZ5	426	SADSADAKRTREEGK
Q5JSZ5	447	GASRVVRKAPDPQPP
Q5JSZ5	457	DPQPPRKLHGWAPG
Q5JSZ5	469	APGPDYQKSSMGSMF
Q5JSZ5	487	SIEDKEDKPPPRQKF
Q5JSZ5	493	DKPPPRQKFIQSEMS
Q5JSZ5	528	RLAACAAKQKQLDQK
Q5JSZ5	535	KLKQLDQKCKQARKA
Q5JSZ5	537	KQLDQKCKQARKAGE
Q5JSZ5	541	QKCKQARKAGEARKQ
Q5JSZ5	547	RKAGEARKQAEKEVP
Q5JSZ5	551	EARKQAEKEVPWSPS
Q5JSZ5	619	GSPAQEFKYQKSLPP
Q5JSZ5	622	AQEFKYQKSLPPRFQ
Q5JSZ5	642	QQQEQLYKMQHWQPV
Q5JSZ5	706	LHPSGLMKPMMPQES
Q5JSZ5	734	VPPLQERKVTPIDSP
Q5JSZ5	755	GYMALQSKGYPLPHP
Q5JSZ5	763	GYPLPHPKSSDTLAM
Q5JSZ5	811	YLSAFDKKAQADFDS
Q5JSZ5	864	PDFVPDEKKPECGSW
Q5JSZ5	865	DFVPDEKKPECGSWD
Q5JSZ5	904	FNISSWDKNGSPNKQ
Q5JSZ5	943	TRRS GPIKKPVLKAL
Q5JSZ5	944	RRSGPIKKPVLKALK
Q5JSZ5	985	EQSPTAEKDEDEEND
Q5JSZ5	1025	TKFEEEEKPKAWEA
Q5JSZ5	1045	SSDVPPMKRNNWIFI
Q5JSZ5	1125	PEDCPRAKPRRRVAS

Q5JSZ5	1146	SEYEELPKRRRQRGS
Q5JSZ5	1170	EREESTLKKGDCRDS
Q5JSZ5	1171	REESTLKKGDCRDSW
Q5JSZ5	1182	RDSWRSNKGCSHDHS
Q5JSZ5	1194	DHSGLDKSRGPRAF
Q5JSZ5	1222	GRRTFVSKESPHWQS
Q5JSZ5	1230	ESPHWQSKSPGSSWQ
Q5JSZ5	1279	EDSRAEDKRSFFQDE
Q5JSZ5	1309	RRPPRQDKPPRFRRLL
Q5JSZ5	1350	PKLCSGDKSGTVGRR
Q5JSZ5	1413	SGASLGEKKELAKRS
Q5JSZ5	1414	GASLGEKKELAKRSF
Q5JSZ5	1418	GEKKELAKRSFSSQR
Q5JSZ5	1443	EPGGFGEKPVRPGGG
Q5JSZ5	1466	QQNGTPLKVKRSPDE
Q5JSZ5	1468	NGTPLKVKRSPDEAL
Q5JSZ5	1509	DLPEASSKKAKEKEAK
Q5JSZ5	1510	LPEASSKKAKEKEAKL
Q5JSZ5	1513	ASSKKAKEKAKLAAP
Q5JSZ5	1530	GEQGEAMKQFDLNYG
Q5JSZ5	1568	GFIEVLTKKQRRLLLE
Q5JSZ5	1581	LEEERRKKEQAVQVP
Q5JSZ5	1590	QAVQVPVKGRGLSSR
Q5JSZ5	1605	IPPRFAKKQNNLCLE
Q5JSZ5	1647	PANDSWRKAVTAFSS
Q5JSZ5	1665	GSAEQGFKSSQGDSDG
Q5JSZ5	1697	SSPYGTLKPEEMSGP
Q5JSZ5	1715	EPKADSHKEQAPKPS
Q5JSZ5	1749	IGNERSLKNRKGSEG
Q5JSZ5	1752	ERSLKNRKGSEGAER
Q5JSZ5	1791	IEFGVSPKDSDFSLP
Q5JSZ5	2019	LSGGTALKPPYSAFP
Q5JSZ5	2035	MQPLEMVKPQSGSPY
Q5JSZ5	2142	GFHFADSKQNVPSGG
Q5JSZ5	2187	GHYVQQAKQRVDEKP
Q5JSZ5	2193	AKQRVDEKPSLGAVK
Q5JSZ5	2212	PSAASQMKRTGAIKP
Q5JSZ5	2223	AIKPRAVKVEESKAX
Q9Y597	186	GFPVDPRKVLIVAGH
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F6YLP3	36	TLRHKRPKAKYI IWP
F6YLP3	52	IDQKSCFKSMVTAGF
F6YLP3	125	LSFRAWTKILWFQXX
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