

Supplementary Data Set (S2) of Positive N-Linked Site

Accession No	List of Sequences for Positive N-Linked Sites
P30443	NMKAHSQTDRLNLTGLRGYYNQSEEDGSHTIQIMYGCDVGPD
P01892	KVKAHSQTHRVDLGTGLRGYYNQSEAGSHTVQRMYGCDVGS
P05534	KVKAHSQTDRENLRIALRYYNQSEAGSHTLQMMFGCDVGS
P01891	NVKAQSQTDRLVLTGLRGYYNQSEAGSHTIQMMYGCDVGS
P01889	IYKAQAQTDRESLRNLRGYYNQSEAGSHTLQSMYGCDVGP
P03989	ICKAKAQTDREDLRTLRLYYNQSEAGSHTLQNMYGCDVGP
Q04826	ISKNTNTQTYRESLRNLRGYYNQSEAGSHTLQSMYGCDVGP
P30501	KYNRQAQTDRLVLRKLRGYYNQSEAGSHTLQRMYGCDLGP
Q07000	NYKRQAQTDRLVLRKLRGYYNQSEAGSHIQRMYGCDLGP
Q95604	KYKRQAQADRVNLRKLRGYYNQSEAGSHTIQRMYGCDLGP
P22282	DVFKYLYNTHSADTYLSNKNESFTMNIWGFGEIEMVKTKC
P01912	LAGDTRPRFLEYSTSECHFFNGTERVRYLDRYFHNQEENVR
P01911	LSGDTRPRFLWQPKRECHFFNGTERVRFDRYFYNQEEVSR
P01446	LAYKTCPAGKNLCYKMFVSNKTVPVKRGCIDACPKNSLLV
P10852	HLEYLSTLKVKGLVLPPIHKNQKDEINETDLKQINPTLGSQ
P10852	TLKVKGLVLPPIHKNQKDEINETDLKQINPTLGSQEDFKDL
P10852	SSWLQDGVDFQFRDVGKLMNAPLYLAEWQNI TKNLSEDR
P10852	FQFRDVGKLMNAPLYLAEWQNI TKNLSEDRLLIAGTESDDL
P10852	DVGKLMNAPLYLAEWQNI TKNLSEDRLLIAGTESDDLQQIV
P10852	QIVNILESTSDLLLTSSYLSNSTFTGERTESLVTRFLNATG
P10852	YLSNSTFTGERTESLVTRFLNATGSQWCSWSVSQAGLLADF
P10852	ELGLQGALPGQPAKAPLMPWNESSIFHI PRPVS LNMTVKGQ
P10852	APLMPWNESSIFHI PRPVS LNMTVKGQNEPGLSLTQFRRL
P08195	FQVRDIENLKDASSFLAEWQNI TKGFSEDRLLIAGTNSDDL
P08195	AEWQNI TKGFSEDRLLIAGTNSDDLQQLSLESNKDLLLLT
P08195	YLSDSGSTGEHTKSLVTQYLNATGNRWCWSLSQARLLTSF
P08195	APVMLWDESSFPDIPGAVSANMTVKGQSEDPGSLLSLFRRL
O95264	LYHLSKQLLQKYHKEVRPVYNWTKATTVYLDLFDVHAILDVD
O95264	QILKTSVWYQEVWNDEFWSNNSMFDEIREISLPLSAIWAP
O95264	IIINEFVDIERYPDLPIVYVYVNSSGTIENYKPIQVVSACSLE
O95264	PIQVVSACSLEYAFPFVQNCSTFKSILHTVEDVDLAF
O95264	VDLAFRLSPEDIQHDKKAFNDSEWELLSVSSSTYSILQSSA
O95264	CRARIVFKTSVLVGYTVFRVNMNSQVPRSVGSTPLIGHFFT
P34969	PHLLSEVTASPAPTWDAPPDNASGCGEQINYGRVEKVVIGS
P21589	HTNDVHSRLEQTSSESSKCVNASRCMGVARLFTKVQQIRR
P21589	KIEFDERGNVISHGNPILLNSSI PEDPSIKADINKWRIKL
P21589	SIPEDPSIKADINKWRIKLDNYSTQELGKTIVYLDGSSQSC

P21589	HVSMCILNNGGIRSPIDERNNGTITWENLAAVLPFGGTFDL
Q61503	HTNDVHSRLEQTSDDSTKCLNASLCVGGVARLFTKVQQIRK
Q61503	KVEFDDKGNVITSYGNPILLNSSIPEDATIKADINQWRIKL
Q61503	SIPEDATIKADINQWRIKLDNYSTQELGRTIVYLDGSTQTC
Q61503	HVSMCIVNNGGIRSPIDEKNNGTITWENLAAVLPFGGTFDL
P02763	LPLLEAQIPLCANLVPVPI TNATLDQITGKWFYIASAFRNE
P02763	LDQITGKWFYIASAFRNEEYNKSVQEIQATFFYFTPNKTED
P02763	NEEYNKSVQEIQATFFYFTPNKTEDTIFLREYQTRQDQCIY
P02763	KTEDTIFLREYQTRQDQCIYNTTYLNVQRENGTISRYVGGQ
P02763	YQTRQDQCIYNTTYLNVQRENGTISRYVGGQEHFAHLLILR
Q60590	TVLIILSLLPMLEAQNPEHANFTIGEPI TNETLSWLSDKWF
Q60590	PMLEAQNPEHANFTIGEPI TNETLSWLSDKWFFMGAAFRKL
Q60590	YRQAIQTMQSEFFYLTTNLINDTIELRESQTI GDQCVYNST
Q60590	LINDTIELRESQTI GDQCVYNSTHLGFQRENGTFSKYEGGV
Q60590	SQTI GDQCVYNSTHLGFQRENGTFSKYEGGVETFAHLIVLR
P19652	LPLLEAQIPLCANLVPVPI TNATLDRI TGKWFYIASAFRNE
P19652	LDRI TGKWFYIASAFRNEEYNKSVQEIQATFFYFTPNKTED
P19652	NEEYNKSVQEIQATFFYFTPNKTEDTIFLREYQTRQNCQFY
P19652	KTEDTIFLREYQTRQNCQFYNSY LNVQRENGTVSRYEGGR
P19652	YQTRQNCQFYNSY LNVQRENGTVSRYEGGREHVAHLLFLR
P07361	MILVMVSLPLLEAQNPEHVNI TIGDPI TNETLSWLSDKWF
P07361	PLLEAQNPEHVNI TIGDPI TNETLSWLSDKWFFIGA AVLNP
P07361	YRQEI QKTQMVFFNLTPNLINDTMELREYHTI DDHCVYNST
P07361	LINDTMELREYHTI DDHCVYNSTHLGIQRENGTLSKYVGGV
P07361	YHTI DDHCVYNSTHLGIQRENGTLSKYVGGVKIFADLIVLK
P07758	IATNLGDFAI SLYREL VHQSNTSNIFFSPVSIATAFAMLSL
P07758	MLSLGSKGDHTHTQILEGLQFNLTQTSEADIHKSFQHLLQTL
P07758	LHVHHCSTLSSWVLLMDYAGNATAVFLLPDDGKMQHLEQTL
P22599	IATNLGDFAI SLYREL VHQSNTSNIFFSPVSIATAFAMLSL
P22599	MLSLGSKGDHTHTQILEGLQFNLTQTSEADIHKSFQHLLQTL
P22599	LDVHHCSTLSSWVLLMDYAGNASAVFLLPEDGKMQHLEQTL
Q00896	IATNLGDFAI SLYREL VHQSNTSNIFFSPVSIATAFAMLSL
Q00896	MLSLGSKGDHTHTQILEGLQFNLTQTSEADIHKSFQHLLQTL
Q00896	LDVHHCSTLSSWVLLMDYAGNATAVFLLPDDGKMQHLEQTL
Q00898	IATNLGDFAI SLYREL VHQSNTSNIFFSPVSIATAFAMLSL
Q00898	MLSLGSKGDHTHTQILEGLQFNLTQTSEADIHNSFQHLLQTL
Q00898	LDVHHCSTLSSWVLLMDYAGNATAVFLLPDDGKMQHLEQTL
P01009	ITPNLAEFASFSLYRQLAHQSNTSNIFFSPVSIATAFAMLSL
P01009	MSLGTKADTHDEIILEGLNFNLTEIPEAQIHEGFQELRLTL
P01009	FNIQHCKKLSWVLLMKY LGNATAIFFLPDEGKLQHLENEL
P04217	FYETQPSLWAESESLKPLANVTLTCQAHLETPDFQLFKNG

P04217	LEVPEAQEDVEATFPVHQPGNYSCSYRTDGEALSEPSATV
P04217	GRRVHRFQSPAGTEALFELHNI SVADSANYSCVYVDLKPPF
P04217	SPAGTEALFELHNI SVADSANYSCVYVDLKPPFFGGSAPSER
Q19LI2	DSGSEPKLWAEFQSLLEPWANLTLVCAVDLPTKVFELIQNG
Q19LI2	QVRLETQVLSYRFSLGAITSNNSGIYRCRCGVPEPPVDIHLF
Q19LI2	VQKPDVQHKGTAGFLIYKPGNYSCSYLTHAAGEPSEPSDIV
Q19LI2	GLRFLQQRQKPELVVVQMLNSSGTEAVFELHNI STIDSGN
Q19LI2	ELVVVQMLNSSGTEAVFELHNI STIDSGNYSCIYMEQAPPF
Q19LI2	NSSGTEAVFELHNI STIDSGNYSCIYMEQAPPFSGSSSEP
Q19LI2	STRSTSAYLKLFLVGPQHAGNYSCRYTALPFFTFSGISDP
P02750	PAEIPGYLPADTVHLAVEFFNLTHLPANLLQGASKLQELHL
P02750	LGHLDLSGNRLRKLPPGLLANFTLRITLDLGENQLETLPDP
P02750	ARVAAGAFQGLRQLDMLDLSNNSLASVPEGLWASLGQPNWD
P02750	QNLSDLYRWLQAQKDKMFSQNDTRCAGPEAVKGQTL LAVAK
P08697	LILSPLSVALALSHLALGAQNHTLQRLQQLVHAGSGPCLPH
P08697	LRWFLEQPEIQVAHF PFKNMSFVVLVPTHFEWNVSQVLA
P08697	HFPFKNNMSFVVLVPTHFEWNVSVQLANLSWDTLHPPLVWE
P08697	MSFVVLVPTHFEWNVSVQLANLSWDTLHPPLVWERPTKVRL
Q7SIH1	VPSLLHTEETPEKGCLLSHLNETVTVSASLESVRENRSLFT
Q7SIH1	LLSHLNETVTVSASLESVRENRSLFTDVVAEKDLFHCVSFT
Q7SIH1	CGNGRQTVSWAVTPKSLGNVNFVSAEAVESQELCGSEVPV
Q7SIH1	GCGEQNMARFAPNIYVLDYLNETHQQLTAEKSKAILYLNTG
Q7SIH1	VKMVSGFIPLKPTVKMLERSNVSRTEVSNHVLIIYLDKVTN
Q7SIH1	NVSRTEVSNHVLIIYLDKVTNETLTLTFTVLQDIPVRDLKP
P28800	LILSPLSVALALSHLALGAQNHTLQRLKEVLHADSGPCLPH
P28800	VLLL LNATHFQGFWRSKFDPNLTQRGAFHLDEQFTVPVDM
P28800	LHWFLEQPEIQVAHF PFKNMSFVVLMPTRFEWNASQVLA
P28800	HFPFKNNMSFVVLMPTRFEWNASQVLANLTWDILHQPSLSE
P28800	MSFVVLMPTRFEWNASQVLANLTWDILHQPSLSERPTKVQL
P01023	VPSLLHTEETPEKGCVLLSYLNETVTVSASLESVRGNRSLFT
P01023	LLSYLNETVTVSASLESVRGNRSLFTDLEAENDVLHCVAF
P01023	PKFEVQTVPKIITILEEEMNVSVCGLYTYGKVPVPGHVTVS
P01023	GVPIPNKVI FIRGNEANYSNATTDEHGLVQFSINTTNVMG
P01023	EANYYSNATTDEHGLVQFSINTTNVMGSLTVRVNYKDRSP
P01023	CANGRQTVSWAVTPKSLGNVNFVSAEAVESQELCGTEVPS
P01023	GCGEQNMVLFAPNIYVLDYLNETHQQLTPEIKSKAIGYLNTG
P01023	HVSRTEVSNHVLIIYLDKVSNTLSLFFFTVLQDVPVRDLKP
Q61838	VPSEVYSGVPEKACVSLNHVNETVMSLTLEYAMQOTKLLT
Q61838	KPGQIVKFRVVSVDISFRPLNETFPVVYIETPKRNRIFQWQ
Q61838	LFFSGQVLLVDEKGP IPKNITSVVSPLGYLSIFTTDEHG
Q61838	SVVSPGYLSIFTTDEHGLANISIDTSNFTAPFLRVVVTYK

Q61838	YLSIFTTDEHGLANISIDTSNFTAPFLRVVVTYKQNHVCYD
Q61838	EELVADAQNFEIEKCFANKVNLSPSAQSLPASDTHLKVKA
Q61838	CGNERKTVSWAVTPKSLGEVNFTATAEALQSFELCGNKLTE
Q61838	IEKEQTYNTLLCPQDTELQDNWSLELPPNVVEGSARATHSV
Q61838	GCGEQNMVLFVFNIVVLYNLNETQQLTEAIKSKAINYLISG
Q61838	NTLPLNFDKAGDHRTFQIRINVSYTGERPSSNMVIVDVKMV
Q61838	NIQRTEVNTNHVLIYIEKLTNQTGLGFSFAVEQDIPVKNLKP
P26671	IYNVNIKYNPHIPYRYNFINRTLTVDELDDNVFFTHGYFL
P26671	PSLIVSLSGNLKYNDIQCSVNVSLIKLNATSTSTILTSKH
Q10651	TCFSGKLDILKYCRKAYPSMNI TNIVEYSHEVSI SDWCREE
Q10651	PCALDMFTGVEFVCCPNDQTNKTDVQKTEDEDDDDDEDDA
Q10651	ESDEKDEEPPSSQDPYFKIANWTNEHDDFKKAEMRMDEKHR
Q10651	EAAAYKPTVIHRLRYIDL RINGTLAML RDPDLEKYVRPIA
P05067	KAAQIRSQVMTHLRVIERMNSLSLLYNVPAVAEEIQDEV
P05067	VPAVAEEIQDEVDELLQKEQNYSDVLANMISEPRI SYGND
P08592	KAAQIRSQVMTHLRVIERMNSLSLLYNVPAVAEEIQDEV
P08592	VPAVAEEIQDEVDELLQKEQNYSDVLANMISEPRI SYGND
P22760	FMSDFKVVGSFDEVPPSTDENVTVTETKFNNILVRVYVPKR
P22760	KAMLSRQHVPVESHFLFKFVNWSSLLPERFIKGHVYNNPNY
Q15758	SALGVGLALALQGAASAINASVGAAGSAENAPSKEVLDS
Q15758	FPSNLVSAAFRSYSTTYEERNITGTRVKVPVQGVEGMNII
P01011	LAAGFCPAVLCHPNSPLDEENLTQENQDRGTHVDLGLASAN
P01011	VIFSPLSISTALAFSLGAHN TLTLEILKGLKFNLTETSEA
P01011	FLSLGAHN TLTLEILKGLKFNLTETSEAEIHQSFQHLLRTL
P01011	LTETSEAEIHQSFQHLLRTL NQSSDELQLSMGNAMFVKEQL
P01011	FATDFQDSAAAKKLINDYVKNTRGKITDLIKDLDSQTM MV
P01011	IPYFRDEELSCTVVELKYTGNASALFILPDQDKMEEVEAML
O95477	NNPCFRYPTPGEAPGVGNFNKSI VARLFS DARRLLLSQK
O95477	TLQQIKKSSSNLKLQDFLVDNETFSGFLYHNLSLPKSTVDK
O95477	NLKLQDFLVDNETFSGFLYHNLSLPKSTVDKMLRADVILHK
O95477	DVILHKVFLQGYQLHLTSLCNGSKSEEMIQLGDQEVSEL CG
O95477	AAERVLRSNMDILKPIRLTNSTSPFPKELAEATKTL LHS
O95477	LFSMRSWSDMRQEV MFLTNVNSSSSSTQIYQAVSRIVCGHP
O95477	LKIKSLNWYEDNNYKALFGGNGTEEDAETFDNSTT PFCND
O95477	NYKALFGGNGTEEDAETFDNSTT PFCNDLMKNLESSPLSR
O95477	VGKILYTPDTPATRVMAEVNKT FQELAVFHDLEGMWEELS
O95477	WTAQDIVAFLAKHPEDVQSSNGSVYTWREAFNETNQAIRTI
O95477	KHPEDVQSSNGSVYTWREAFNETNQAIRTI SRFMECVNLNK
O95477	FMECVNLNKLEPIATEVWLINKSMELLDERKFWAGIVFTGI
O95477	QGIGVQWDNLFESPVEEDGFNLTT SVSMMLFDTFLYGVMTW
O95477	TGYLTLVKKDVESLSSCRNSSTVSYLKKEDSVSQSSD

O95477	AFGDKQSCLRPFTEDDAADPNDSIDIPESRETDLISGMDGK
O95477	EEEWTTAPVPQTIMDLFQNGNWTMKNPSPACQCSSDKIKKM
O95477	LPPPQRKQNTADILQDLTGRNISDYLVKTYVQIIAKSLKNK
O95477	NLQKGENPSHYGITAFNHPLNLTKQQLSEVALMTTSVDVLV
O95477	VGEWAIRKLGVLVYGEKYAGNYSGGNKRKLTAMALIGGPP
O95477	VNFAKDQSDDDHLKDLSLHKNQTVVDVAVLTSFLQDEKVKE
P41233	NNPCFRYPTPGEAPGVVGNFNKSI VSRFLSDAQRLLLYSQR
P41233	MLRQIKHPNSNLKLDLQDFLVDNETFSGFLQHNLSLPRSTVDS
P41233	NLKLQDFLVDNETFSGFLQHNLSLPRSTVDSLQANVGLQK
P41233	NVGLQKVFLLQGYQLHLASLCNGSKLEEITQLGDAEVSALCG
P41233	AAERVLRYNMDILKPVVTKLNSTSHLPTQHLAEATTVLLDS
P41233	LFSTKSWSDMRQEVMLFTNVNSSSSTQIYQAVSRIVCGHP
P41233	LKIKSLNWEYEDNNYKALFGGNTEEDVDTFYDNSTTPYCND
P41233	NYKALFGGNTEEDVDTFYDNSTTPYCNDLMKNLESSPLSR
P41233	VGKILYTPDTPATRVMAEVNKTQELAVFHDLEGMWEELS
P41233	WTAQDIMAFNAKPEDVQSPNGSVYTWREAFNETNQAIQTI
P41233	KNPEVQSPNGSVYTWREAFNETNQAIQTI SRFMECVNLNK
P41233	FMECVNLNKLEPIPTVRLINKSMELLDERKFWAGIVFTGI
P41233	QGIGVQWDNLFESPVVEEDGFNLTTAVSMMLFDTFLYGVMTW
P41233	TGYLTLVKKDVESLSSCRNSSSTVSLCKEDSVSQSSD
P41233	AFGDKQSCLRPFTEDDAVDPNDSIDIPESRETDLISGMDGK
P41233	EEDWTISPVPQSIVDLFQNGNWTMKNPSPACQCSSDKIKKM
P41233	PGAGGLPPPQRKQKTADILQNLTGRNISDYLVKTYVQIIAK
P41233	LPPPQRKQNTADILQDLTGRNISDYLVKTYVQIIAKSLKNK
P41233	NLQKGENPSQYGITAFNHPLNLTKQQLSEVALMTTSVDVLV
P41233	VGEWAIRKLGVLVYGEKYASNYSGGNKRKLTAMALIGGPP
P41233	VNFAKDQSDDDHLKDLSLHKNQTVVDVAVLTSFLQDEKVKE
P78363	NNPCFQSPTPGESPGIVSNYNSILARVYRDFQELLMNAPE
P78363	MGKILYTPDSPAARRILKNANSTFEELEHVRKLVKAWEEVG
P78363	VRKLVKAWEEVGPQIWFYFDNSTQNMIRDTLGNPTVKDFL
P78363	KGPRESQADDMANFDWRDIFNITDRTLRLVNVQYLECLVLDK
P78363	WLPEYPCGNSTPWKTSPVSPNITQLFQKQKWTQVNPSPSCR
P78363	LPPPQRTQRSTEILQDLTDRNISDFLVKTYPALIRSSLKSK
P78363	VVPIITGEALVGFLSDLGRIMNVSGGPITREASKEIPDFLKH
P78363	SLPKDRSPEEYGITVISQPLNLTKQLSEITVLTTSVDAVV
Q8N139	LGRVDKFNSSSLMVVYTPISNLTQQIMNKALAPLLKGTSV
Q8N139	IMNKALAPLLKGTSVIGAPNKTHMDEILLENLPYAMGIIIF
Q8N139	FIKSLKHQNILLEVDDEFNRNGTDGLSYNGAIVSGKQKDY
Q8IUA7	LKGRITMGWPDEKSMDELNLNYSIDAVRVIFTDTFPHYHLKF
Q8IUA7	EKGFVAFQAAINAIIIEIATNHSVMEQLMSVTGVHMKILPF
Q8IUA7	FLHSLRRQNIATIEVDAFGTRNGTDDPSYNGAIVSGDEKDH

094911	LGRVDTFNESRFSVVYTPVTNTTQQIMNKVASTPFLAGKEV
094911	DLYLFSCIISFSSFIYYASVNVTRERKRMKALMTMMGLRDS
094911	HDSFEQAPPEFQKKEAIRIRNVTKKEYKGPDKIEALKDLVF
094911	PTKGSVTIYNNKLSEMALENLSKLTGVCQPSNVQDFLTV
094911	FIQSVEHQNIALEVDAFGTRNGTDDPSYNGAITVCCNEKNY
095342	VFIDYDVELQELQIPGKACVNNTIVWTNSSLNQNMNGTRC
095342	ELQELQIPGKACVNNTIVWTNSSLNQNMNGTRCGLLNIES
095342	IPGKACVNNTIVWTNSSLNQNMNGTRCGLLNIESEMIKFA
095342	KACVNNTIVWTNSSLNQNMNGTRCGLLNIESEMIKFASY
Q09427	IDYWLAKWTDALVLSPAARNCSLSQECDLQSVYAMVFTL
Q09429	IDYWLAKWTDALVLSPAARNCSLSQECALQSVYAMVFTV
Q9UNQ0	YGFTALQHNEFLGQNFPCPLNATGNNPCNYATCTGEEYLK
U6A629	LPLLASYASAVTISVAKSGGNVTTGLQYGAMEEENHCGEG
U6A629	TYPNSLDAWSAVGGSTLSLQNLNPLSSALPTSVRITGKGT
U6A629	ANDWVQHEFTLTPKKKASSNNTFVLTFDASKASGSLDFN
U6A629	LRFPGGNNLEGQTIENRWKNETIGPLTQRPRATTWGYEE
U6A629	AKYGHKPKWTIRYVEVGNEDNLSSGLSSYSYRFQAFYDAI
U6A629	KSTSWHVYNNHMTNTPATSNDFGPPLCHRCE TAKTNSH
U6A629	LCHRCE TAKTNSHIFKAAVYNSTADVPSLTFEGVGRGTTA
Q8NK89	ISPLTAGGIADASAQDTFCANTCLITIIYDQSGNGHLTQ
Q8NK89	NAETSSDTGAGHMEAIYLGNSTTWGYGAGDGPWIMVDMEN
U6BL29	KRGSDGATTDIAPRHAGGVANATHQDTFCAGTTCLITIIYD
U6BL29	PNKWAIRGGNAASGPLSTFYNGSRPNARGYNPMSKEGAIIL
U6BL29	GSSISLRATTLCCTRYVAHNGSTVNTQVSSSSAALKQQ
P42254	LLSLVQNAHGISLKVSTQGGNSSPILYGFMFEDINHSGDG
P42254	STQGGNSSPILYGFMFEDINHSGDGGIYGQMLQNPGLQGT
P42254	GDGGIYGQMLQNPGLQGTAPNLTAWAAVGDATAIDGDSPL
P42254	HSSFWIKGDYSGDITVRLVGNITGTEYGSTTIHTSTADNF
P42254	GNYTGTEYGSTTIHTSTADNFTQASVKFPTTKAPDGNVLY
P42254	LRFPGGNNLEGNSAENRWKNETIGDLCDRPGREGTWTYYN
P42254	GDTSTTYGAWRAANGQEEPWNLTMVEIGNEDMLGGGCESYA
P42254	YHDYSTPDGLVGQFNYPDNLRVYPYFIEYSRWEIDWPNM
P42254	FERNSDVVKMAAYAPLLQLINSTQWTPDLIGYTQSPGDIFL
P13689	LMGSSSLKYPGQPQEI PFFQNTTFSIPVNDPHQVWNSDEHE
P11140	VMIYDCTSAVAEATYWEIWDNGTI INPKSALVLSAESSSMG
P11140	GGTLTVQTNEYLMRQGWRTGNNTS PFVTSISGYSDLQMQAQ
P38433	PVGNLRFKKPKPKPWRI PLNATTPPNSCIQSEDYFGDFY
P38433	EPRDVALARAVILYNAMKCGNMSLINPDYDRILD CFQRADA
P38433	VLHGVEINFI FGEPLNQKRFNYTDEERELSNRFMRYWANFA
P38433	DGSFTQDVWPKYNSVSMYMNMTVESSY PSMKRIHGHPRRK
Q9BYF1	NHEAEDLFYQSSLASWNYNTNI TEENVQNMNAGDKWSAFL

Q9BYF1	SAFLKEQSTLAQMYPLQEIQNLTVKQLQALQQNGSSVLSE
Q9BYF1	YPLQEIQNLTVKQLQALQQNGSSVLSEDKSKRLNTILNTM
Q9BYF1	WDAQRIFKAEKFFVSVGLPNMTQGFWENSMLTDPGNVQKA
Q9BYF1	AATPKHLKSIGLLSPDFQEDNETEINFLKQALITVGTLPF
Q9BYF1	QEALCQAAKHEGPLHKCDISNSTEAGQKLFNMLRIGKSEPW
Q9BYF1	VRVANLKPRISFNFFVTAPKNVSDIIPRTEVEKAIRMSRSR
P07140	QERYEYFPGFSGEEIWNPNNTVSEDCLYINWAPAKARLRH
P07140	EHPNGKQADTDHLIHNGNFQNTNGLPLIWIYGGGFMGTGS
P07140	HMTSEKAVEIGKALINDCNCNASMLKTNPAHVMSCMRSVDA
P07140	GEWMGVLHGDEIEYFFGQPLNNSLQYRPFVERELGKRMLSAV
P21836	RRRATLLARLVGCPFGGAGGNDTELIACLRTSPAQDLVDHE
P21836	VVKDEGSYFLVYGVPGFSKDNESLISRAQFLAGVRIQVQPA
P21836	GVPHGYEIEBIFGLPLDPSLNYTTEERIFAQRLMKYWTNFA
P04058	PVGNMFRFRPEPKKPSWGVWNASTYPNNCQQYVDEQFPFGFS
P04058	GDHNVICPLMHFVNKYTKFGNGTYLYFFNHRASNLVWPEWM
P04058	GVIHGYEIEBFVGLPLVKELNYTAEELSRIMHYWATFA
P04058	HQRLRVQMCVFNQFLPKLLNATACDGEISSSGTSSSKGII
P12821	LLLLLPPQPALALDPGLQFGNFSADEAGAQLFAQSYNSSAE
P12821	LQPGNFSADEAGAQLFAQSYNSSAEQVLFQSVAAASWAHDTN
P12821	NSSAEQVLFQSVAAASWAHDTNITAEANARRQEEAALLSQEFA
P12821	QEFAEAWGQKAKELYEPIWQNFDPQLRRIIGAVRTLGSAN
P12821	TLGSANLPLAKRQQYNALLSNMSRIYSTAKVCLPNKTATCW
P12821	YNALLSNMSRIYSTAKVCLPNKTATCWSLDPDLTNI LASSR
P12821	VFFPKPNLDVSTMLQQGWNATHMFRVAEEFFTSLELSPM
P12821	ALSVSTPEHLHKIGLLDRVTNDTESDINYLKMALEKIAFL
P12821	NFDWWYLRTKYQGICPPVTRNETHFDAGAKFHPNVTPYIR
P12821	DRTSQVVWNEYAEANWNYNTNITETSKILLQKNMQIANHT
P12821	NTNITETSKILLQKNMQIANHTLKYGTQARKFDVNQLQNT
P12821	ANHTLKYGTQARKFDVNQLQNTTIKRIIKKVQDLERAALPA
P12821	YNKILLDMETYSVATVCHPNGSCLQLEPDLTNVMATSRKY
P12821	KEADDFFTSLGLLPVPPPEFWNKSMLEKPTDGREVCHASAW
P12821	MKLGFSRPWPEAMQLITGQPNMSASAMLSYFKPLLDWL RTE
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P97449	TVNTNTGEISQKHFLD SKSNVTRPSEFN YIWIAP I PFLKS
P97449	APIPFLKSGQEDHYWLDVEKNQSAKFQTS SNEWI LLNINVT
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P97449	QTDLSVIPVINRAQIIHDSFN LASAKMIPITLALDNTLFLV
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P15145	DQSKPWNRYRLPTTL PDSYNVTLR PYLTPNADGLYIFK GK
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P15145	PCFDEPAMKATFNITLIHPNNLTALS NMPPKGSSTPLAEDP
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P15145	HGMYALNVTGPILNFFANHYNTSYPLPKSDQIALPDFNAGA
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P15145	TVDTKTGNISQKHFLLDSESNVTRSSAFDYLVIVPISSIKN
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P15145	KKYLRKQVEPLFQHFETLTKNWTERRPENLMDQYSEINAIST
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P85073	TQQFTLTTCKNPIRCKYSQSNTNFICITCRDNYPVHFVKT
P30533	TEAEFEPRVIDLWDLAQSANLTDKELEAFREELKHFEAKI
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P04745	QTGLPAGTYCDVISGDKINGNCTGIKIYVSDDGKAHFSISN
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Q23498	DFEAHDSWDYTEDLTRENMMNMTNVFLEYFPGVPVYVVSIGN
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P58242	EIEPKPDFILWTGDDTPHPVNESLGEAAVLAIIVERLTNLIK
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P17405	EACGLLLGSTCGHWDIFSSWNI SLPTVPKPPPKPPSPAPG
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Q9HD20	TTGLKPVDSGCVAYVLRGTGFNTSQGKLLRITLFGVKRV TAN
Q93235	QKSYKAYLEQMKTYLTKYDSNATE TRECAGAGDSNDDLEKNP
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Q8CG16	P S G Y V S S L E Y P Q P Y P P D L R C N Y S I R V E R G L T V H L K F L D P F E
Q8CG16	L E L E N S V T L G P E L L P I C L P D N E T F Y Q G L M G Y V S G F G I T E D
P00736	F M S Q G N K M L L T F H T D F S N E E N G T I M F Y K G F L A Y Y Q A V D L D E
P00736	A S G Y I S S L E Y P R S Y P P D L R C N Y S I R V E R G L T L H L K F L E P F D
P00736	D R W I L T A A H T L Y P K E H E A Q S N A S L D V F L G H T N V E E L M K L G N
P00736	L E L E N S V T L G P N L L P I C L P D N D T F Y D L G L M G Y V S G F G V M E E
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Q9NZP8	E N K T A H L H K G F L A L Y Q T V A V N Y S Q P I S E A S R G S E A I N A P G D
Q9NZP8	G E E V L Q C M P V C G R P V T P I A Q N Q T T L G S S R A K L G N F P W Q A F T
Q9NZP8	R W I L T A A H T I Y P K D S V S L R K N Q S V N V F L G H T A I D E M L K L G N
Q9NZP8	L E L Q H S I P L G P N V L P V C L P D N E T L Y R S G L L G Y V S G F G M E M G
P09871	Y F C S C P P E Y F L H D D M K N C G V N C S G D V F T A L I G E I A S P N Y P K
P09871	C E E P Y Y M E N G G G G E Y H C A G N G S W V N E V L G P E L P K C V P V C G
Q16581	Y K F G L S S S L D Y P D F Y G D P L E N R S L E N I V Q P P G E M N D R L D P S
P04003	Y S C D P R F S L L G H A S I S C T V E N E T I G V W R P S P P T C E K I T C R K
P04003	K P E L V N G R L S V D K D Q Y V E P E N V T I Q C D S G Y G V V G P Q S I T C S
P04003	T I Q C D S G Y G V V G P Q S I T C S G N R T W Y E V P K C E W E T P E G C E Q
P20851	L G T Y V C I K G Y H L V G K K T L F C N A S K E W D N T T T E C R L G H C F D P
P20851	K G Y H L V G K K T L F C N A S K E W D N T T T E C R L G H C P D P V L V N G E F
P20851	L G H C P D P V L V N G E F S S S G P V N V S D K I T F M C N D H Y I L K G S N R

P20851	VNVSDKITFMCNDHYILKGSNRSQCLEDHTWAPPFPICKSR
P20851	CKSRDCDPPGNFVHGYPFEGNNFTLGSTISYYCEDRYYLGV
P08607	VFGKCGPPFAIPNALPASDVNRDFESHHTLKYECLPGYGR
P08607	YTCDPGFRLVGSPPFIGCTVVNKTVPVWSSSPPTCEKII CSQ
P08607	IVSGYKATYTHRDSVRLACLNGTVLRGRHVIECQGNNGWSS
P08607	ACLNGTVLRGRHVIECQGNNGWSSLPTCEFDCLPPAIVNG
P08607	SKWKGTAPQCKALCQKPEVNGTLSDEKDQYVESENVTIQC
P08607	KPEVNGTLSDEKDQYVESENVTIQCDSGFAMLGSSQISCS
P08607	PEVPRCEQEASEDLKPALGTGNKTMQYVPSNSHDVMALEIYK
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O08532	DFASNEVVYNAKDDLDPERNESEPGSQRIKPVFIEDANFG
O08532	AAVHIPTDIYEGSTIVLNLNWTLSALDEVFKRNRDEDPDLL
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O08532	FQHLVQANVRNKKVLDKAVNNITAKGITDYKKGFSFAFEQL
O08532	KGITDYKKGFSFAFEQLLNYNVSRANCNKIIMLFTDGGEEER
O08532	KSQDERYIDKGNRTYTWTVPNGTDYSLALVLPYTFYIYKA
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O08532	DSFYKRSLDNDNYVFTAPYFNKSGPGAYESGIMVSKAVELY
O08532	TNQIGRFFGEIDPSMMRHLVNI SLYAFNKSYDYQSVCDPGA
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Q9NY47	MFTDGGEDRVQDVFKEYNWPNRTRVFTFSVQGHNYDVTPL
Q9NY47	NVYEDALGLGLVVTGTLVPVFNLTQDGPGEKKNQLILGVMGI
Q9NY47	LILGVMGIDVALNDIKRLTPNYTLGANGYVFAIDLNGYVLL
Q9NY47	KQIRTLVKSLDERYIDEVTRNYTWVPIRSTNYSGLVLPY
Q9NY47	VVGKLDLEAWAEKFKVLASNRTHQDQPQKCGPNSHCEMDC
P55290	QQKVFHINQPAEFIEDQSILNLTFSDCRGNDKLRYEVSSPY
P55290	YEVSSPYFKVNSDGGGLVALRNI TAVGKTLFVHARTPHAEDM
P55290	KFTKKEFQATVEEGAVGVI VNLTVEDKDDPTTGAWRAAYTI
P55290	DPMMVTRQEDLSVGSVLLTVNATDPDSLQHQITRYSVYKDP
P55290	QTRYSVYKDPAGWLNINPINGTVDTTAVLDRES PFVDNSV
P55290	VNDNAPFIYPTVAEVCDDAKNLSVILGASDKDLHPNTDPF
P55290	FKFEIHKQAVPDKVWKISKINNTHALVSLQLNKNKANYNLP
P55290	NKANYNLPIMVTDGKPPMTNITDLRVQVCSCRNSKVCNA
P33146	VDEEPRNVFSIDKFTGRVYLNATLDREKTDRLRAFALDL
P33146	HTGEIRTQVGLDREVAVYNLTLQVADMSGDGLTATASAI
P33146	PPHGAPFFHQLNPRVPDLGRNWSVSQINVSHARLRLRHQVS
P33146	HFQLNPRVPDLGRNWSVSQINVSHARLRLRHQVSEGLHRLS
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Q9VGG5	SFVTYGAI GADHFSVDPVSGNITLIKPLDREKDTLKFVLS
Q9VGG5	KFRLHI IKRDATILEAAVVLNDTLNYNQRMVYHFQIEATDG

Q9VGG5	VFDVEPKLVTGYSQVNIRVANGTLDYENPNQRKFIVLVVAE
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Q9VGG5	DQLIFAVEANDGLFTAHCGVNITVRDVNNHVPNFEEQSYSYA
Q9VGG5	VGTVLTTLQANDEDESSIGEFNISDNDYFAINQTSGMIYTIATIA
Q9VGG5	NDEDSSIGEFNISDNDYFAINQTSGMIYTIARLDYEVVKEV
Q9VGG5	VDIINLNDNDPKFSQSDYFNVNTENSPRGTVAGKVEAHDGD
Q9VGG5	IGENNKYFSDIAYTGNVMVANSSILDREQIKELTSLVVAQD
Q9VGG5	IHNILDVNDNAPVFRDVRVNSTVAENAAQPPAALLQVQA
Q9VGG5	IITVLRVNRHKPEFVIPALSNATIEIPGDIVQPDYLLLTVR
Q9VGG5	EIPGDIVQPDYLLLTVRAMDNDTEENGKVSYHLQVNNRNEQ
Q9VGG5	LLGNEDGAFYVDKLTGDIYTNKSLDREETDVYTYLILASIK
Q9VGG5	PIYYAGVNNANAKMGAAITLVNATDADQGKNAKIEFMIVASN
Q9VGG5	LSRPPPEEVYQEQEETIAELRNATQHRIIVDEIRFHLDISGR
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P08641	DPAKGISVLTGLDRETTPNYTLIVQATDQEGKLSNTAT
P08641	PENGIVTATQPLDRESVHAINSTYKAIILAVDNGIPDPTGT
P08641	KDLPPTYPFKAALEHGSSNNWTVIEIRGQDELAMGLKKELE
P12830	DTGAISTRAELDREDFEHVKNSTYTALIIATDNGSPVATGT
P12830	REDFEHVKNSTYTALIIATDNGSPVATGTGTLILLSDVND
P12830	FCERNPKPQVINIIDADLPPNTSPFTAELTHGASANWTIQY
P12830	ADLPNTSPFTAELTHGASANWTIQYNDPTQESIILKPKMA
P19022	ENSRGFPFQELVRIRSDRDKNLSLRYSVTGPADQPPTGIF
P19022	IVINVIDMNDNRPEFLHQVWNGTVPEGSKPGTYVMTVTAID
P19022	RYRIVSQAPSTPSPNMFTINNETGDIITVAAGLDREKVQOY
P19022	FTAMTFYGEVPEENRVDIIVANLTVTDKQPHTPAWNNAVYRI
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Q19319	SLVTTSSSTEQIFEFAPLYNLSVEENSIGSKYARSENSTK
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Q19319	RVEASDADIGINSAIYFSLVNRSHDFIVEPVTGWVRSRHRV
Q19319	EPEVVGNDGTELKRWMLYAKNGSQVPKNTNVTLTIGEDYIR
Q19319	TKELRWMLYAKNGSQVPKNTNVTLTIGEDYIRRSGFSISKK
Q19319	GEDYIRRSGFSISKKPVIPNETVTIQIERLAEHLIRFLDN
Q19319	NPDDVSLIRYSLEYSKSDLPNATLPFAIGSKNGILRVSAKI
Q19319	ATLPFAIGSKNGILRVSAKINRSERVYFNKVIASLHGINEK
Q19319	AIDLGLPLSRMSALNLMFYKNGTKIPAKPKPIIQESENKH
Q19319	VHTFAIIASDEGFPMRVSVTNLTI SVEDVNDNPPKCVVQHS
Q19319	GCIFIHAPYPLDYHKTPFFNLSIEVADHGDPIFSTSCHLH
Q19319	KLCRIFAVDADEGENARLTYNITEGDARFSDNNGNIIASE
Q19319	TGQLLAKKVELLKRGEIIRLNI SVTDGQAWDHSTVI IQVSR

Q19319	TPVLVLNALHHGTVSYKLEPNCTFFEVEHTLSGAVHLATWLT
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Q19319	KLPSIEEEDLEFNFKLIAKDNGSVHRVEEPVKIRVVDKARP
Q19319	SVDFLTGEVRLNNLKMLAETNYTFFEVEAREVTRPKMIAKAQ
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Q19319	SLARPVEQDDLVNEDTKKVLNVSVTDGIIVNKSALLTVAVK
Q19319	LVNEDTKKVLNVSVTDGIIVNKSALLTVAVKGGVPPQLQFSL
Q19319	VAVKGGVPPQLQFSLAPTTSSNSSTSKEAWPVAIDRKTGRIH
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Q19319	TKVKINLKSSKSDSIRCEANKTVILAENSKKGTVVLGESS
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Q19319	DINGVVTVVKPLDSEILGFFNLTVVASDGEFEDKATILVTV
Q19319	MESESIGYELAHFRASGGDQNETIEYLLKPSDVTFSVNLNA
Q19319	ALLEIHVEDENDHAPTFFDCNMTALVQEGEATIGHRLKFSV
Q19319	DPNTGDIWSDHSITQGLHTFNVTVTDSKFNVTVSVEVHVTS
Q19319	TNQCAKSPCEQWQLCIPSVHNSYECVCPGMGDKCSVPS
Q19319	TSGQCISIPRHSLESSDFICNCTGGILQSTPCAESDILST
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P33151	VFRVDAETGDVFAIERLDRENISEYHLTAVIVDKDTGENLE
P33151	FTIKVHDVNDNWPVFTHRLFNASVPESAVGTSVISVTAVD
P33151	PTIDLRYMSPAGNRAQVIINIITDVDEPPIFQQPFYHFQLK
P33151	TKKGDIIYNEKELDREVYPWYNLTVEAKELDSTGTPTGKESI
P33151	IDKIDITPRNVKFKFILNTENNFTLTDNHDNTANITVKYGF
P33151	KFILNTENNFTLTDNHDNTANITVKYGFQDREHTKVHFLPV
P55285	SGFPAKKRALELSGNSKNELNRSKRSMWNQFFLEEYTG
P55285	VIQAKDMGGQMGGLSGTTVNIITLTDVNDNPPRFPOSTYQF
P55285	EPPVFSKLAYILQIREDAQINTTIGSVTAQDPDAARNPVKY
P55285	VKYSVDRHTMDRIFNIDSGNGSIFTSKLLDRETLWHNIT
P55285	SGNGSIFTSKLLDRETLWHNITVIAEINNPKQSSRVPLY
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P33148	EYIFSVNRRELERGRKLGKVNFSDCPTRKHGLYDVGDSRFR
P33148	PGTPAWQAVYKIRVNEGFFNITTDPEQNQILTTAKGLDF
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Q8R5M8	RNLMIDIQKDTAVEGEEIEVNCTAMASKPATIRWFKGNKE
Q8R5M8	VRVDEMPQHAVLSGPNLFINNLNKTDNGTYRCEASNIVGK
Q8R5M8	DDEMPQHAVLSGPNLFINNLNKTDNGTYRCEASNIVGKAHS
Q8R5M8	PQHAVLSGPNLFINNLNKTDNGTYRCEASNIVGKAHS DYML
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Q8BLQ9	PDRMVVSGRELNILFLNKTDNGTYRCEATNTIGQSSAEYVL
Q8N126	EGSVPLKMTQESALIFPFLNKSDSGTYGCTATSNMGSYKA
075493	GTLTYNTGRHVSFLPAPRPVVNVSGGPLLYSHRLELRLLFG
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075493	SLSTPPCSETVTWILIDRALNITS LQMHSRLLSQNPSSI
Q9WVT6	VPPFSVRELFPPQLEQFFRYNGSLTTPPCYQSVLWTVFNRR
Q9ULX7	VPPFNRELLPKQLGQFRYNGSLTTPPCYQSVLWTVFYRR
P20507	KGSKIANGLQTQWSYPDLMSNGTSVQVINNGHTIQVQWTYN
P20507	QVQWTYNYAGHATIAIPAMHNQTNRIVDVLEMRPNDAADR
P20507	QRISFGQWNRYLAVGLKECNSTETAADAGHHHHRRLLHN
Q18932	VELRRLTVASQSINVKGQTTNLTDFQPSALLPKTSHYVTYE
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P18915	TVKLSKTQIEKLENSLLNHQNETIQNNYRSTQPLNHRVVEA
P08060	QSPIDLQMKKVQYNPSLRALNLTGYGLWHGEFPVTNNNGHTV
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P34652	PDKCGATGKVHLIFRYKNFINGTISEYHANQPTTIGSTYWD
P34652	GSQSNPEPQDEEENAEQQSANSQSAAEEEDDEHVVPENE
P80015	QLDREARLTPSVALVPLPPQNAVTEAGTNCQVAGWGTQRLR
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P20160	GYDPQQNLNDLMLLQLDREANLTSVTTILPLPLQNAVTEAG
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Q9XFX3	HLSTSSEELQVDCNTLSSMPNVSF TIGGKKFGLTPEQYILK
P09177	VFSVMNTNDGGGQVFFGANNTLLGGDIQYTDVLKSRGGY

P07267	SLACFLHSHKYDHEASSSYKANGTEFAIQYGTGSLEGYISQD
P07267	TLDCNTRDNLPDLIFFNNGYNFTIGPYDYTLEVSGSCISAI
P00799	GSRFFDPSASSTFKATNYNLNIYGTGGANGLYFEDSIAIG
P00799	LFSVYMNTNSGTGEVVFVGGVNNLTLGGDIAYTDVMSRYGGY
P07221	VPYWEKTFDIDLAPQIGVVNVTADSVMMEMDDEEDLPSA
P07688	LYNSHVGCRPYSIPPCEHHVNGSRPPCTGEGDTPKCSKTCE
P07858	LYESHVGCPRYSIPPCEHHVNGSRPPCTGEGDTPKCSKICE
A1E295	LYDSHVGCRPYSIPPCEHHVNGSRPPCTGEGDTPKCSKICE
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P53634	GSCYSFASMGMLEARIRILTNNSTPILSPQEVVSCSQYAQ
P80067	RAALLVLLGVCTVSSDT PANCTYDLLGTWVFQVGRHPR
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P07339	DIACWVHHKYNSDKSSTYVKNGTSDIHYGSGSLSGYLSQD
P07339	GELMLGGTDSKYKGLSLSYLVNTRKAYWQVHLDQVEVASGL
P18242	DIACWVHHKYNSDKSSTYVKNGTSDIHYGSGSLSGYLSQD
P18242	GELMLGGTDSKYHGLSLSYLVNTRKAYWQVHMDQLEVGNEL
P00795	DIACWVHHKYNSGKSSTYVKNGTTFAIHYGSGSLSGYLSQ
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P14091	LINYLDMEYFGTISIGSPPQNFVIFDGTSSNLWVPSVYCT
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Q9UBX1	SYQGHMQSCNFSAEKAKVYINDSVELSQNEQKLAAWLAKRG
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P09668	QFSDMSFAEIKHKYLWSEFQNCATKSNYLRTGYPYPPSVD
P09668	KDGYCKFQFGKAIGFVKDVANITIIYDEEAMVEAVALYNPVS
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P07154	SYPYEAKDGSCKYRAEYAVANDTG FVDI PQQE KALMKAVAT
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O60911	SKNLDHGLVVGYGFEGANSNSKYWLKNSWGP EWG SNGY
Q9UBR2	CDKFNQCGTCNEFK ECHAIRNYTLWRVGDYGSLSGREKMA

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Q06770	KGIWKLPFSPENTREEDFYVNETSTVKVPMVQSGNISYFR
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Q06770	ISYFRDSAIPCQVMQMNIVGNGTTFIILPDQGQMDTVVAAL
Q06770	SDTYDLQDVLADVGIKDLFTNQSDFADTTKDTPLTLTVLHK
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P08185	LAMNFQDWATASRQINSYVKNKTQGKIVDLFSGLDSPAIV
P08185	ISYLDHSELPCQLVQMNIVGNGTVFFIILPDGKGMNTVIAAL
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Q9R171	SAKVAFSAIRSTNHEPSEMSNRTMIIYFDQVLVNIIGNFDS
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Q8BME9	NSKVAFSAVRSTNHEPSEMSNKTRIIYFDQILVNVGNFFTL
Q8BGU2	GAVLALLLLLLPACCPVRAQNDTEPIVLEGGKLVVCDSSPS
Q8BGU2	SAKVAFSATRSTNHEPSEMSNRTMIIYFDQVLVNIIGNHFDL
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P07519	GLISDEIYQQASTSCHGNYWNATDGKCDTAISKIESLISGL
P07519	LCTDKLYFVHDAGSMIAYHKNLTSQGYRAIFSGDHDMCVP
P08818	NKVANVFLDPSAGVGFSTNTSSDIYTSQDNRTAHDSYAF
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P08818	DVATAEQGNIDMYSLYTPVCNITSSSSSSSSLSRRRTRGRYP
P08818	TERYSTAYNRRDVQALHANVTGAMNYTWTNCSDTINTHW
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P21529	PGCSSELAVFYENGPFITIANMSLVWNKFGWDKISNIIFVD
P08819	NKVANVFLDPSAGVGFSTNTSSDIYTSQDNRTAHDSYAF
P08819	PAGVGFSTNTSSDIYTSQDNRTAHDSYAFLAKWFERFFHY
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P08819	TERYSTAYNRRDVQALHANVTGAMNYTWTNCSDTINTHW
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Q99062	LEPASLYHIHMAASQAGATNSTVLTLMTLTPEGSELHII
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P40223	ADCQYQD TI PDCVAKKRQNNCSI PRKNLLLYQYMAI WVQA
P40223	PSEYMEQECELRYQPQLKANWTLVFHLPSSKDQFELCGLH
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P40223	IHLCNTTQLSCIFLLPSEAQNVTLVAYNKAGTSSPTTVVFL
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P40223	EMSSPSYNN SYKSWMI EPNGNITGILLKDNINPFQLYRITV
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Q9UBS5	VWFLIGWYADNWFKIYDPSINCTVDEMTEAVEGHITTEIVM
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Q9UBS5	NKTSGGGRRSGVRLDFNYNNQITITDQIYRAMNSSSFEQVS
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Q14956	FLKDLPIIMFDVLIHDPSHFLNYSTINYKWSFGDNTGLFVST
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P03459	SEMNKLYERVRKQLRENAEEDGTGCFEIFHKCDDDCMASIR
P03459	GTGCFEIFHKCDDDCMASIRNNTYDHSKYREEAMQNRIQID
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P03437	DLPGNDNSTATLCLGHHAVPNGTLVKTITDDQIEVTNATEL
P03437	HAVPNGTLVKTITDDQIEVTNATELVQSSSTGKICNNPHRI
P03437	GIDCTLIDALLGDPHCDVFQNETWDLFVERS KAFSNCYPYD
P03437	SGFFSRLNWLTKSGSTYPVLNVTMPNNDNFDKLYIWGIHHP
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P07975	ATEEKRMFELVKPKAGASVLNQSTWIGFGDSRTDKSNSAFP

P07975	KVFEYEGVNWS PHAAINCYRKNWTDIKLNFQKNIYELASQSH
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P02790	PDVTERCS DGWSFDATTLDDNGTMLFFKGEFVWKSHKWDRE
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Q91X72	KWFWDFATRTQKERSWSTVGNCTAALRWLERYYCFQGNKFL
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Q91X72	YFVSCPGRGHGRPRNGTAHGNS THPMHSRCS PDGLTALLS
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P20058	ADVIEQCSDGWSFDATTLDDNGTMLFFKDE FVWKS HRGIRE
P20058	KWFWDLTTGTTKERSWPAVGNCTSALRWLGRIYCFQGNQFL
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P05546	KTLEAQLTPRVVERWQKSMTNRTREVLLPKFKLEKKNYLVE
P49182	SLITFMCI GSKGLAEQLT NENLTTSFLPANFHKENTVTNDW
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P49182	KTLEAQLTPQVVERWQKSMTNRTREVLLPKFKLEKKNYLVE
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Q22492	NAVIHIWKGN THEE IYEQVKNITSQNFPPVIVSACWYLYNIK
Q22492	EIRGTAPNSRYYCDPTNFNGTVAQKELVWGGIAAIW GEL
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P06865	TPCYSGSEPSGTFGPVNPSLNNTYEFMSTFFLEVSSVFPDF
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Q9W568	DGNI TRLVNAFPRLSALKCLNISNNNISEIHSRAVKDVPHL
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Q04756	CFSSHPPRDSVSVVLGQHFFNRRTDVTQTFGIEKYIPYTY
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P32942	GAREIVCNVTLGGERREARENLTVFSFLGPIVNLSEPTAHE
P32942	GERREARENLTVFSFLGPIVNLSEPTAHEGSTVTVSCMAGA
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Q9UMF0	LVTLEGVPAAPVPGQPAQLQLNATENDRRSFFCDATLDVDG
Q9UMF0	DRRSFFCDATLDVDGETLIKNSAELRVLYAPRLDDSDCPR
Q9UMF0	KNVAVTVEYGPRFEEPSCPSNWTWVEGSGRLFSCVEVDGKPO
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P22304	HKPHIFFRYPKEFQKLYPLENITLAPDPEVPDGLPPVAYNP
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Q01638	DSGIYTCIVRSPTFNRTGYANVTIYKKQSDCNVPDYLMYST
Q01638	STVSGSEKNSKIYCPIDLYNWTAPLEWFKNCQALQGSRYR
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Q03600	KLTRGRTEGIGKALKFMAHVNSTSQETEEELKDNKWEAEVQ
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Q03600	HFD FIDANS AVVIDLRARLWNATFIEDYSDVESVKIRSF GK
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035664	NKSGPPANYTLWYTVMSKDENLTKVKNCSDTTKSSCDVTDK
035664	ANYTLWYTVMSKDENLTKVKNCSDTTKSSCDVTDKWLEGME
035664	PANAPLEPPEFEIVGFTDHINVTMEFPPVTSKIIQEKMKTT
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P09208	TDYII IYRVTGLHLSLSKIFPNLSVIRGNKLF DG YALVVYSN
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Q08431	YPTSCHTACTLRFEL LGCELNGCANPLGLKNN SIPDKQITA
Q08431	LRFEL LGCELNGCANPLGLKNN SIPDKQITASSSYKTWGLH
Q08431	QGARNFGSVQFVASYKVAYS NDSANWTEYQDPRTGSSKIFP
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O43451	NGQGYKQDQPASFGADSLLLNSRHYLNIRYTL LPYLYTLF
O43451	RAHSRGDTVARPLLHEFYEDNSTWDVHQQLWGPGLLITPV
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O43451	NRMKADGMRVILILDPAISGNETQPYPAFTRGVEDDVF I KY
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Q5JRA6	DRKIQQESLGSAPLMGDDHPNASRDSVEGDALVNGAKLHTL
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Q20930	EEERVLNEEIRLEEKERDLNSTFVDDTFFMNSTDSDNSST
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P20774	AKYNKIKSRGIKANAFKLNLLTFLYLDHNALESVPLNLPE
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P19879	LESVPLNLPESLRVIHLQFNNITSITDDTFCKANDTSY I RD
P19879	VIHLQFNNITSITDDTFCKANDTSYIRDRIEERLEGNP I V
Q9UNW1	NDKLMRFFDHCEKFLTEVEKNATALYHVEAFKTGPEMQN I L
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Q9ES57	CHWEQNNVSDVSCIVSHLTGNQSLSIELSRGGNQSLRPYIP
Q9ES57	CIVSHLTGNQSLSIELSRGGNQSLRPYIPYIIPSI I I I I I
Q19426	DDRLPGYYWEADGRHFGKQNI SEAHKGVITDWDINDANGF
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P43213	VLFAVFLGSAYGIPKVPVPGPNIATYGDKWLDAKSTWYGKP
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070255	TALCPTAEVEIYTSAGALEAVNGTDVRLKCTFSSFPVGDAL
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P34576	PQOSDIARVAI I L TDGRSQDNVTGPADSARKLSINTFAIGV
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P34576	NITCVCTDGTGTPQCQVAPSNASLVLLILLALLFLLLTLC
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Q9H330	LTAKVHQESVHMIEVTSNLINETLANHPEWANWLP EAQV V Q
Q9H330	YQYGREWITHKLHKILGDKVNNTAVIEKQVLELWDRLYHSW
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P00759	QRRLVRQSFRRHPDYIPLIVTNDTEQPVHDHSNDLMLLHLS
P00759	LQCVNIHLLSNEKCIETYKDNVTDVMLCAGEMEGKDTACAG
P07288	VCGGVLVHPQWVLTAAHCIRNKSIVILLGRHSLFHPEDTGQV
075882	PEVVATSGYALLHFFSDAAYNLTFGNITYSFDMPNNCSGR
075882	TSGYALLHFFSDAAYNLTFGNITYSFDMPNNCSGRGECKI
075882	DAAYNLTFGNITYSFDMPNNCSGRGECKISNSSDTVECEC
075882	TYSFDMPNNCSGRGECKISNSSDTVECECSENWKGEACDI
075882	EACDIPHCTDNCGFPHRGICNSSDVRGCSCFSDWQPGCSV
075882	RGCSCFSDWQPGCSVPVPANQSFWTREESNLKLPRAHSHK
075882	ASHKAVVNGNIMWVVGGMFNHSDYNMVLAYDLASREWLP
075882	HSDYNMVLAYDLASREWLPNRSVNNVVRYGHSALYKDK
075882	SLALYKDKIYMYGGKIDSTGNVTNELRVFHIHNESWVLLTP
075882	GGKIDSTGNVTNELRVFHIHNESWVLLTPKAKEQYAVVGHS
075882	YLHTAVIVSGTMLVFGGNTHTDTSMSHGAKCFSSDFMAYDI
075882	LPRPDLHHDVNRFGHSAVLHNSMVFVGGFNSLLSIDI LVF
075882	YSCTANTNDCHWCNDHCVPRNHSCSEGQISIFRYENCPKDN
075882	QSSQSMSKLTLPWVGLRKINVSYWCWEDMSPFTNSLLQWM
075882	GILSEPSTRGLKAATCINPLNGSVCERPANHSKQCRTPCA
075882	GLKAATCINPLNGSVCERPANHSKQCRTPCALRTACGDCT
075882	ASFPFGQCMWYTMSTCPENCNCGYCTCSHCLEQPGCGWCT
075882	GPVKMPSQAPTGNFYQPPLLNSMCLEDSRYNWSFIHCPAC
075882	GNFYQPPLLNSMCLEDSRYNWSFIHCPACQCNHSGKINQ
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075882	ACQCNGHSGKINQSI CEKCNLTGKHCETCISGFYGDPTN
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075882	PDEQNRDLDMFINASKNFNLNITWAASFAGTQAGEEMPVV
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Q8IUA7	FLHSLRRQNIAIEVDAGFTRNGTDDPSYNGAIVSGDEKDH
094911	LGRVDTFNESRFSVYTPVTNTTQIMNKVASTPFLAGKEV
094911	DLYLFSCISFSSFTYYASVNVTRERKRMKALMTMMGLRDS
094911	HDSFEQAPPEFQGKEAIRIRNVTKYKGPDKIEALKDLVF
094911	PTKGSVTIYNNKLESEMADLENLSKLTGVCPQSNVQDFLTV
094911	FIQSVEHQNIAIEVDAGFTRNGTDDPSYNGAITVCCNEKNY
095342	VFIDYDVELQELQIPGKACVNNTIVWTNSSLNQNMNGTRC
095342	ELQELQIPGKACVNNTIVWTNSSLNQNMNGTRCGLLNIES
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Q09427	IDYWLAkWTDsALVLSpAARNCSLSQECdLDQsVYAMVFTL
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U6A629	LRFPgGNnLEGQTIEGRWkWNETIGPLTQRpGRATTWGYEE
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U6BLZ9	GSSISLRATTLcCTTRYVAHngStVNTQVvSSSSsAALKQq
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P42254	GNYTGTEYgSTTIThTStADnFTQAsVKFPtTKAPDGNVLY
P42254	LRFPgGNnLEGNSAENRWkWNETIGDLCDRpGREGTWTYYN
P42254	GDTStTYGAwRAANGQEEpWnLTMVEIGNEDMLGGGCEsYA
P42254	YHDYStPDGLVGQFNyFDnLNRsvPYFIgEYSrWEIDWPNM
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P13689	lMGSSSLKYPGQPQEIpfFQNTfSIPVNDPhQVWNSDEHE
P11140	VMIYDCTsAVAEATYWEIWDNGTIInPKsALVLSAESSsMG
P11140	GGTLTVQtNEyLMRQGWRTGNNTSPFVtSISGyDLcMQAQ
P38433	PVGNLRfKkPKPKQpWRIPLNATTpPNSCIQsEDTYFGDFY
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P38433	VlHGyEInFIgEPLNQRfNYtDEERElsNRfMRYWANFA
P38433	DGSfTQDvWPKYNSVsMEYMNMTVESSySPMKRIHGpRRK
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P07140	HMTSEKAVEIGKALINDCNcNASMLKtNPAHVMSCMRSVDA

P07140	GEWMGVLHGDEIEYFFGQPLNNSLQYRPVERELGKRMLSAV
P21836	RRRATLLARLVGCPGAGGNDTELIACLRTRPAQDLVDHE
P21836	VVKDEGSYFLVYGVPGFSKDNEISRAQFLAGVRIQVFPQA
P21836	GVPHGYEIEFIFGLPLDPSLNYTTEERIFAQRLMKYWTNFA
P04058	PVGNMRFRRPEPKKPWSGVWNASTYPNNCQQYVDEQFPGFS
P04058	GDHNVICPLMHFVNKYTKFGNGTYLYFFNHRASNLVWPEWM
P04058	GVIHGYEIEFVFGPLPVKELNYTAEELSRIMHYWATFA
P04058	HQRLRVQMCVFNQFLPKLLNATACDGELESSSGTSSSKGII
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Q5RDA4	LVEKIRFPMMLEPELFEQFNLSLYWSHEALFQKKTQALE
Q5RDA4	LQALEFHTVFPQLLARYKGLNLTEDTYKPRIYTSPTWSAFV
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A7E3W2	LQALEFHTVFPFELLAQYWGLNLTEGTYQPRLYTSPTWSQSV
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O75473	LFTNCILNCPVAFLSFSSLINLTFISPEVIKIFILVVVPLP
P38571	TLHSEGGGKLTAVDPETNMNVSEIISYWGFPSEEYLVETE
P38571	LVETEDGYILCLNRIPHGRKNHSDKGPVVFVFLQHGLLADS
P38571	VVFLQHGLLADSSNVVTNLANS SLGFILADAGFDVWVGNSR

P38571	AFSYDEMAKYDLPASINFILNKTGQEQVYYVGHSGGTTIGF
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