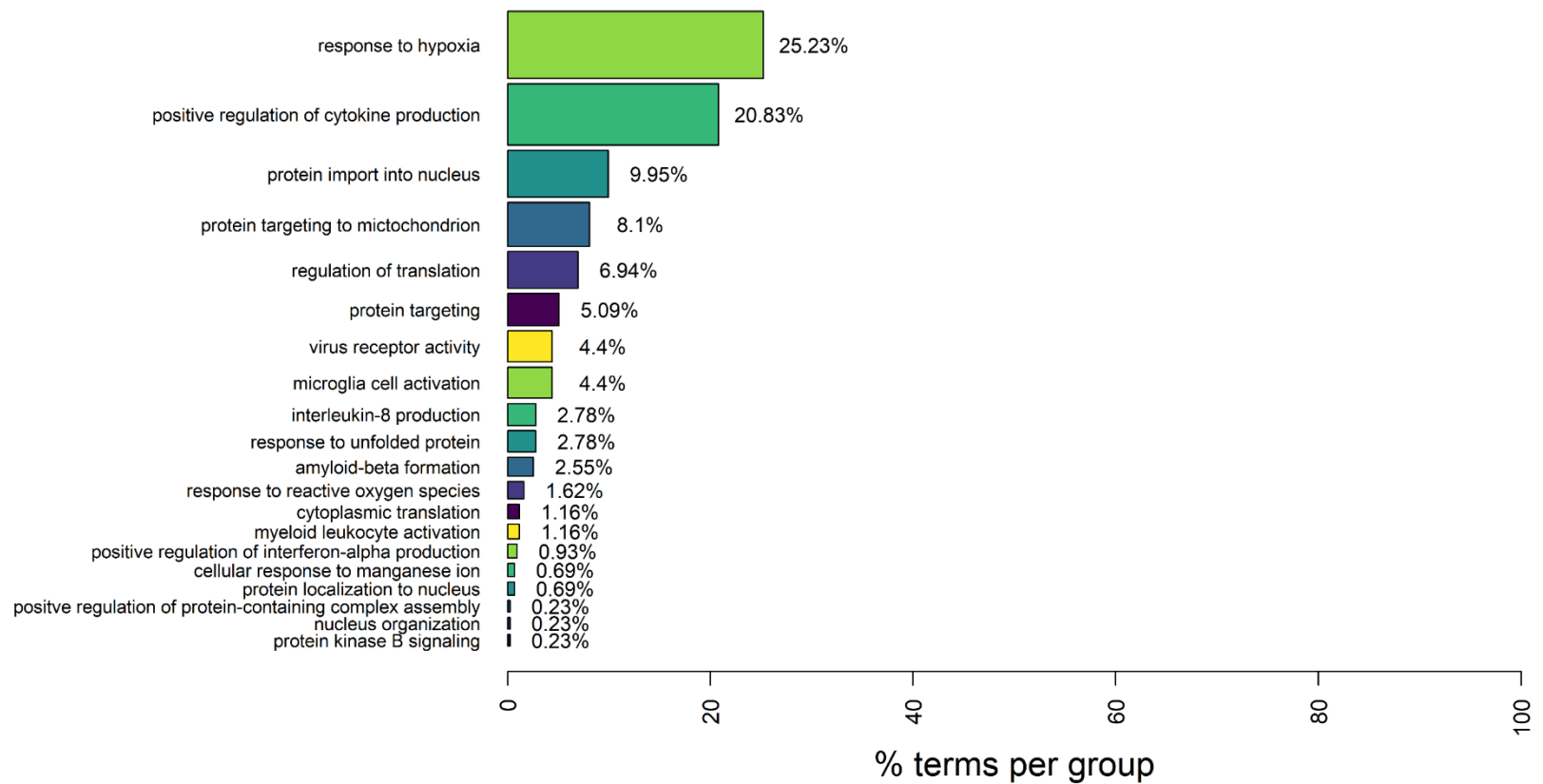
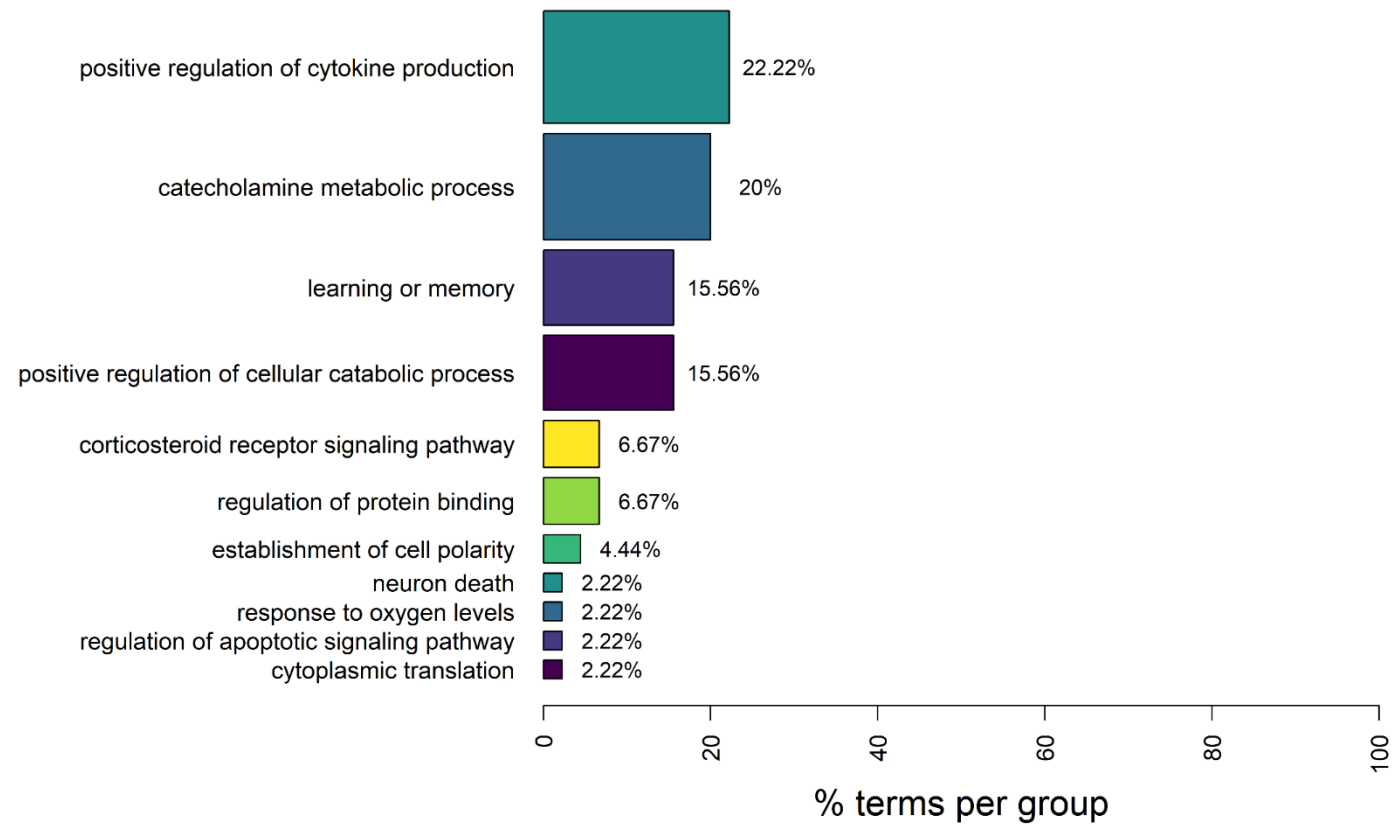


Prion Disease and COVID-19



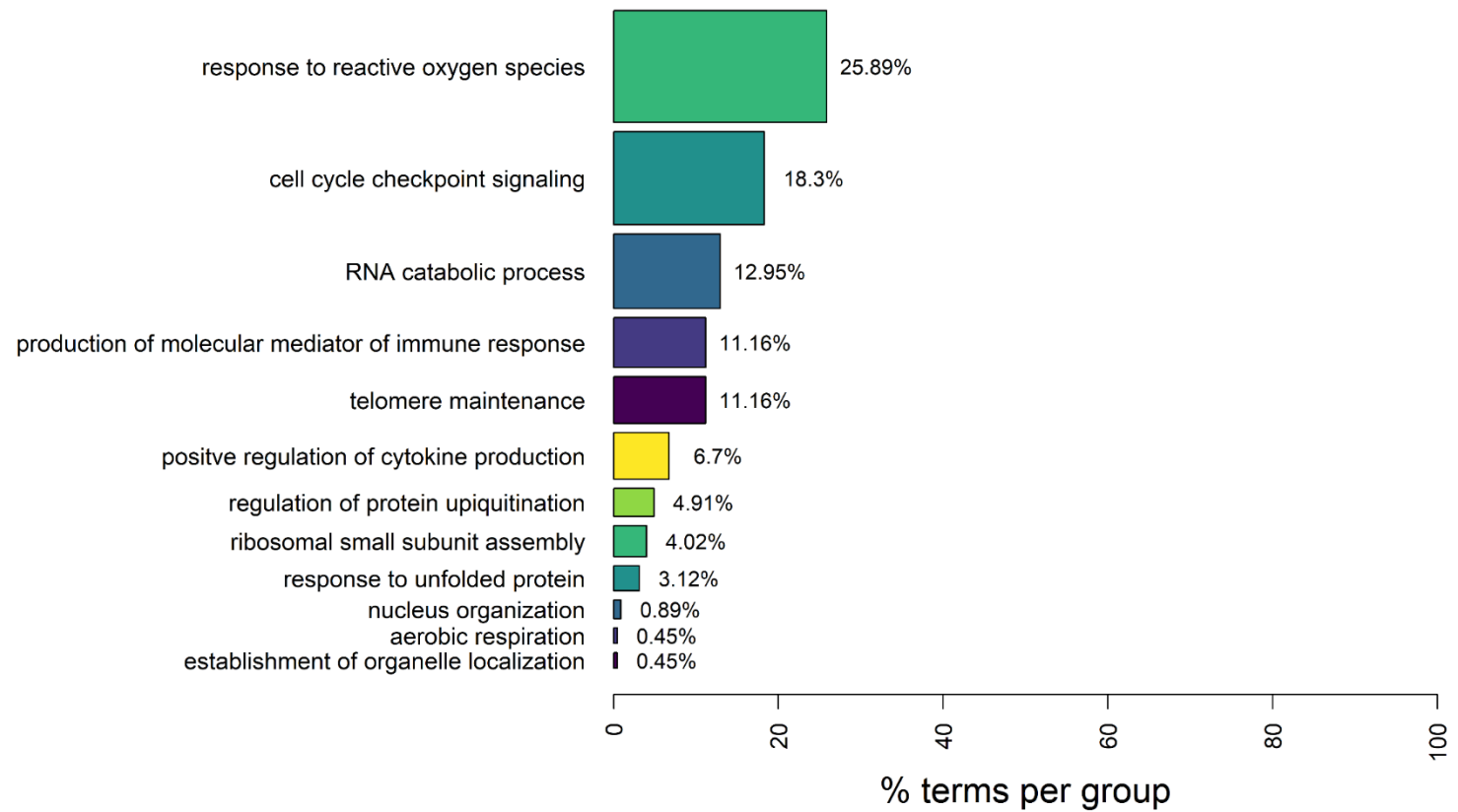
Supplementary Figure S1: Functional enrichment analysis results of the overlapping GO biological processes between Prion Disease and COVID-19, indicating the functional groups and the percentage of terms that belong to each group.

Bipolar Disorder and COVID-19



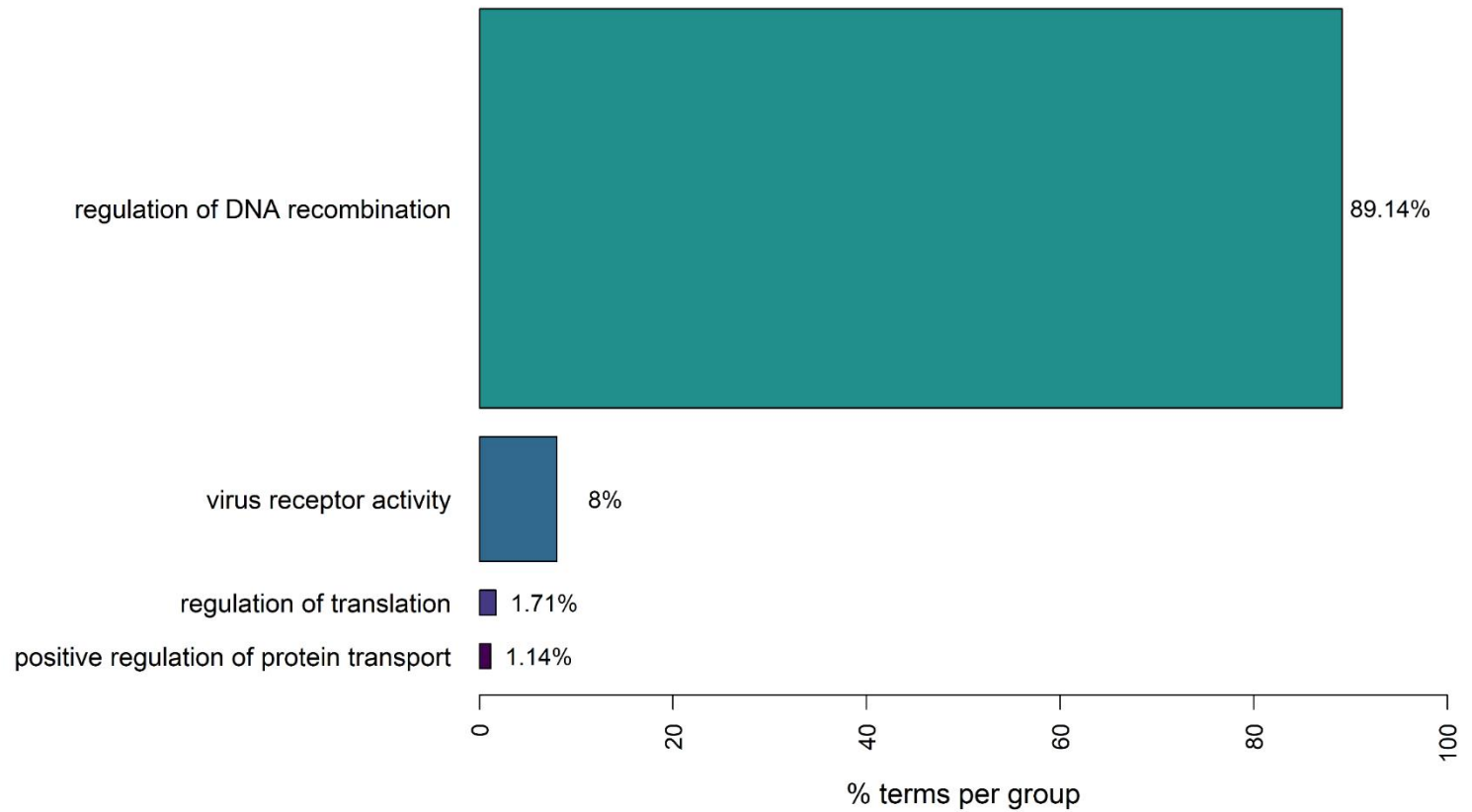
Supplementary Figure S2: Functional enrichment analysis results of the overlapping GO biological processes between Bipolar Disorder and COVID-19, indicating the functional groups and the percentage of terms that belong to each group.

Cerebellar Ataxia and COVID-19



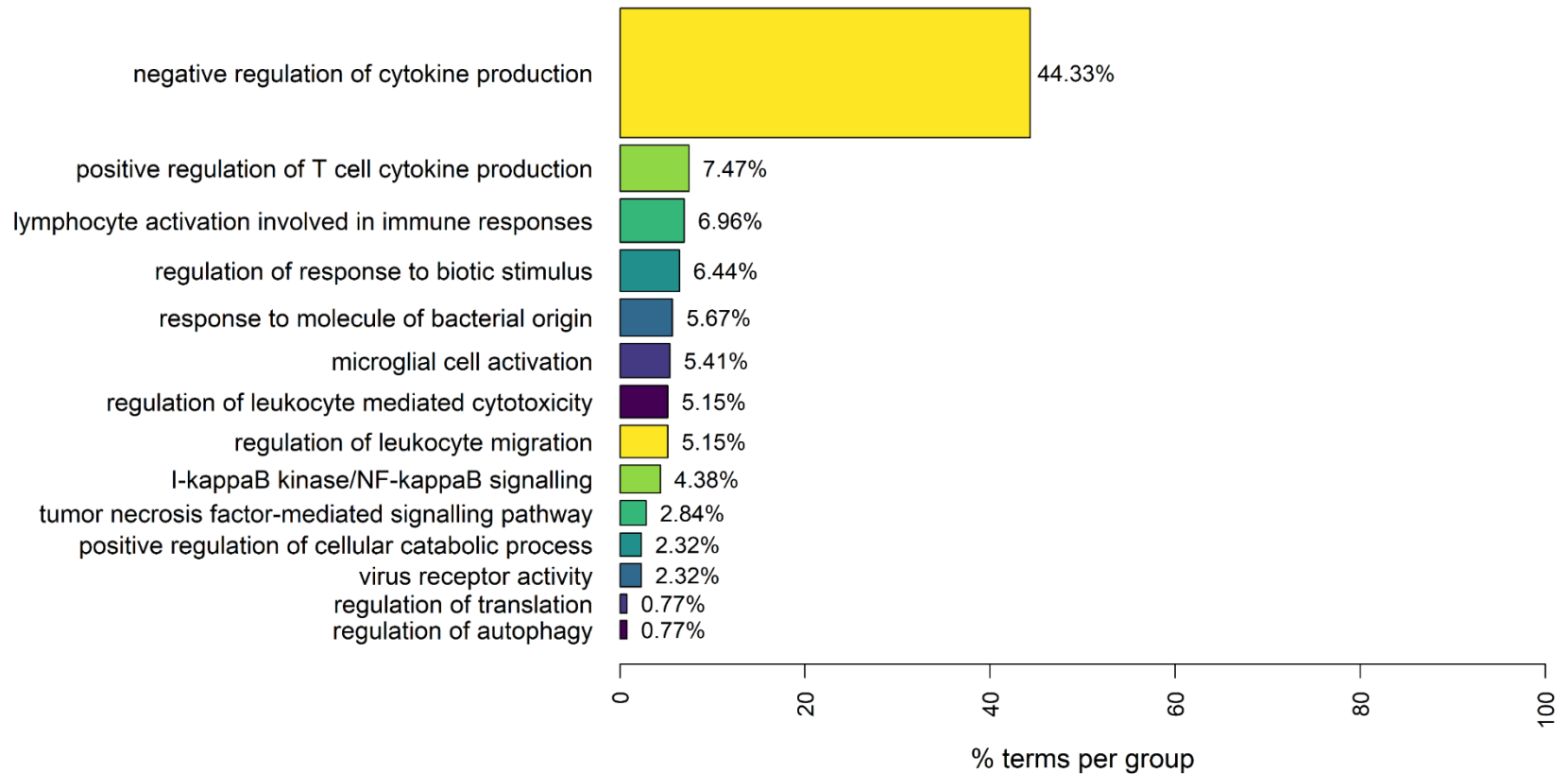
Supplementary Figure S3: Functional enrichment analysis results of the overlapping GO biological processes between Cerebellar Ataxia and COVID-19, indicating the functional groups and the percentage of terms that belong to each group.

Myasthenia Gravis and COVID-19



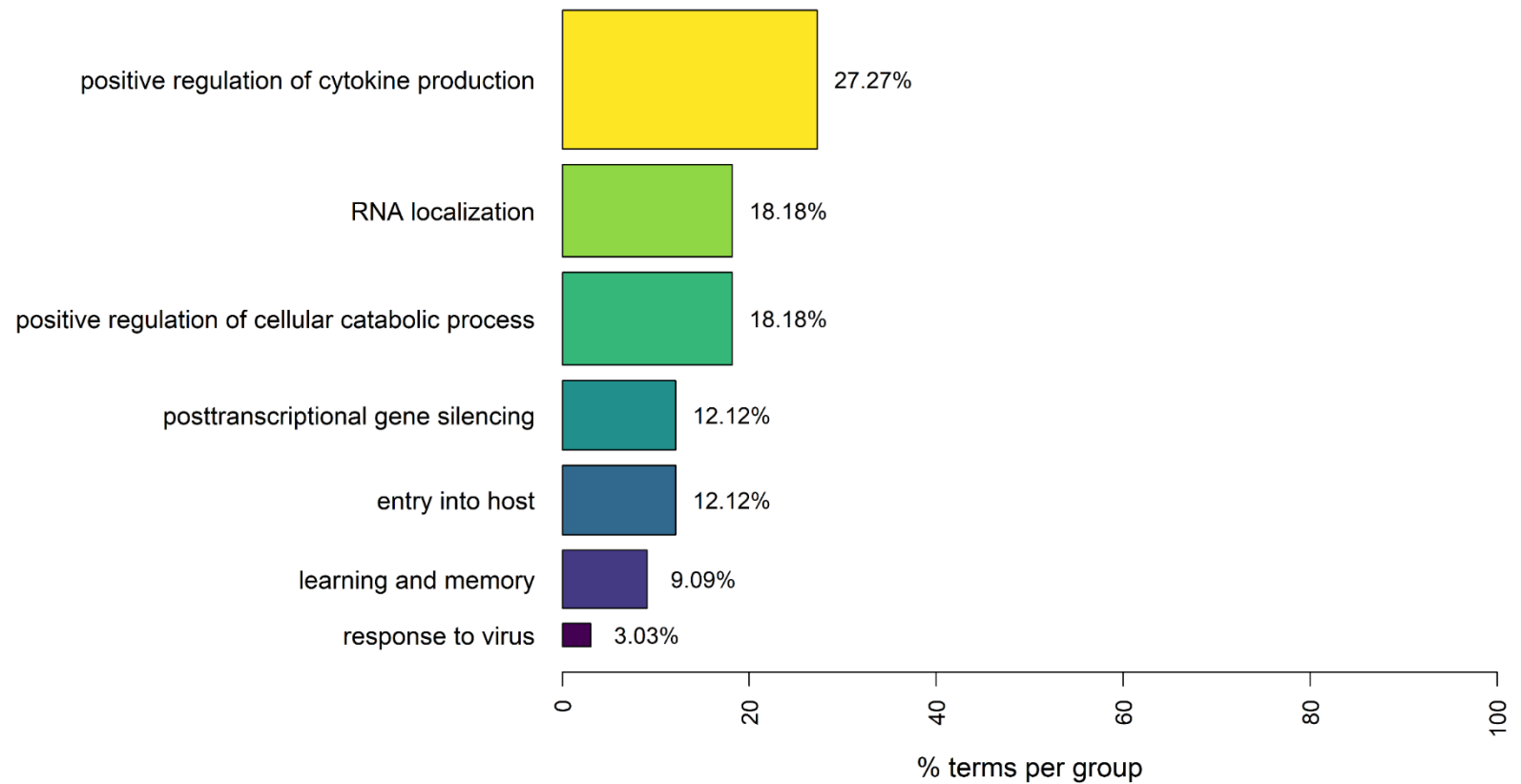
Supplementary Figure S4: Functional enrichment analysis results of the overlapping GO biological processes between Myasthenia Gravis and COVID-19, indicating the functional groups and the percentage of terms that belong to each group.

Multiple Sclerosis and COVID-19

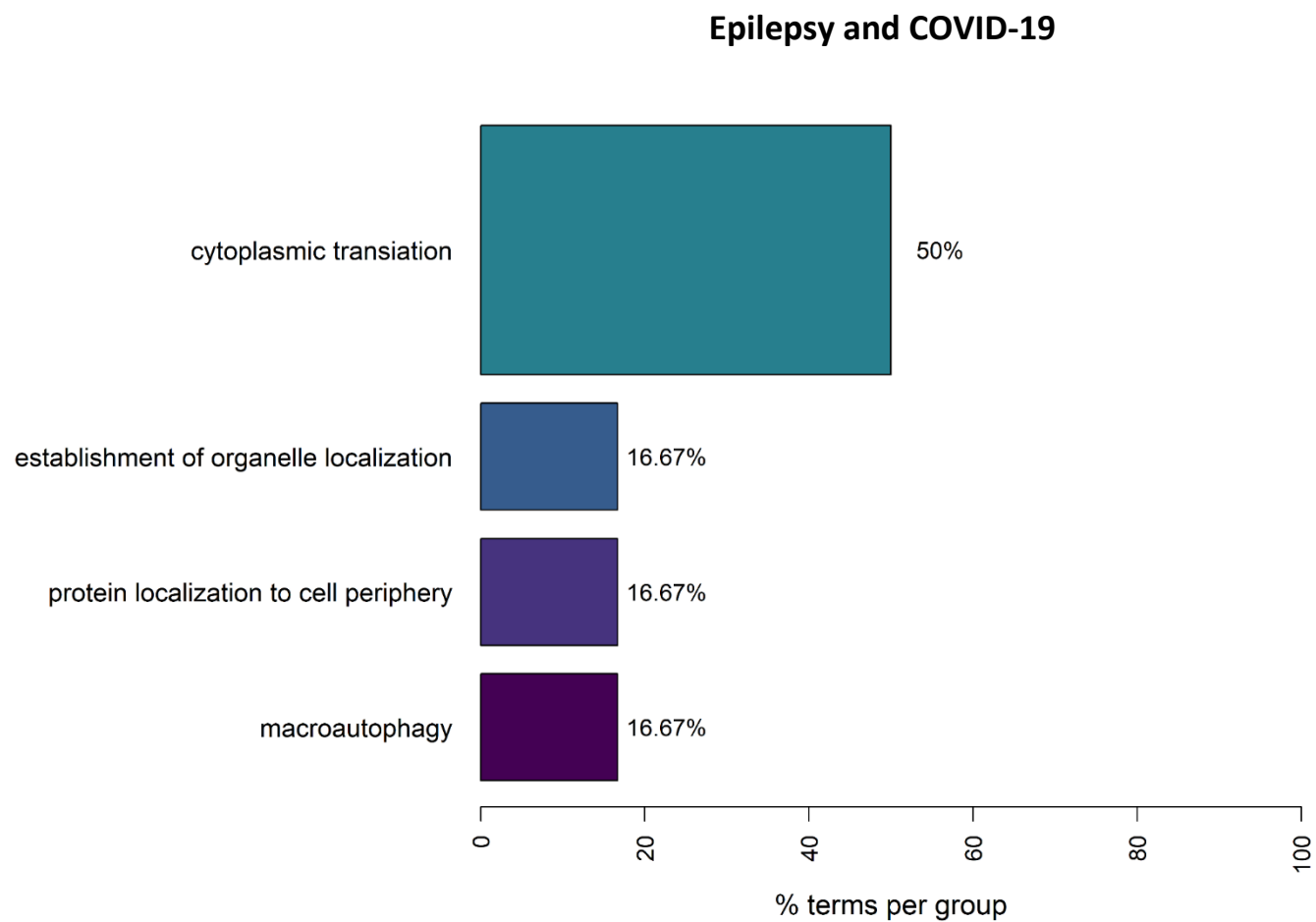


Supplementary Figure S5: Functional enrichment analysis results of the overlapping GO biological processes between Multiple Sclerosis and COVID-19, indicating the functional groups and the percentage of terms that belong to each group.

Schizophrenia and COVID-19

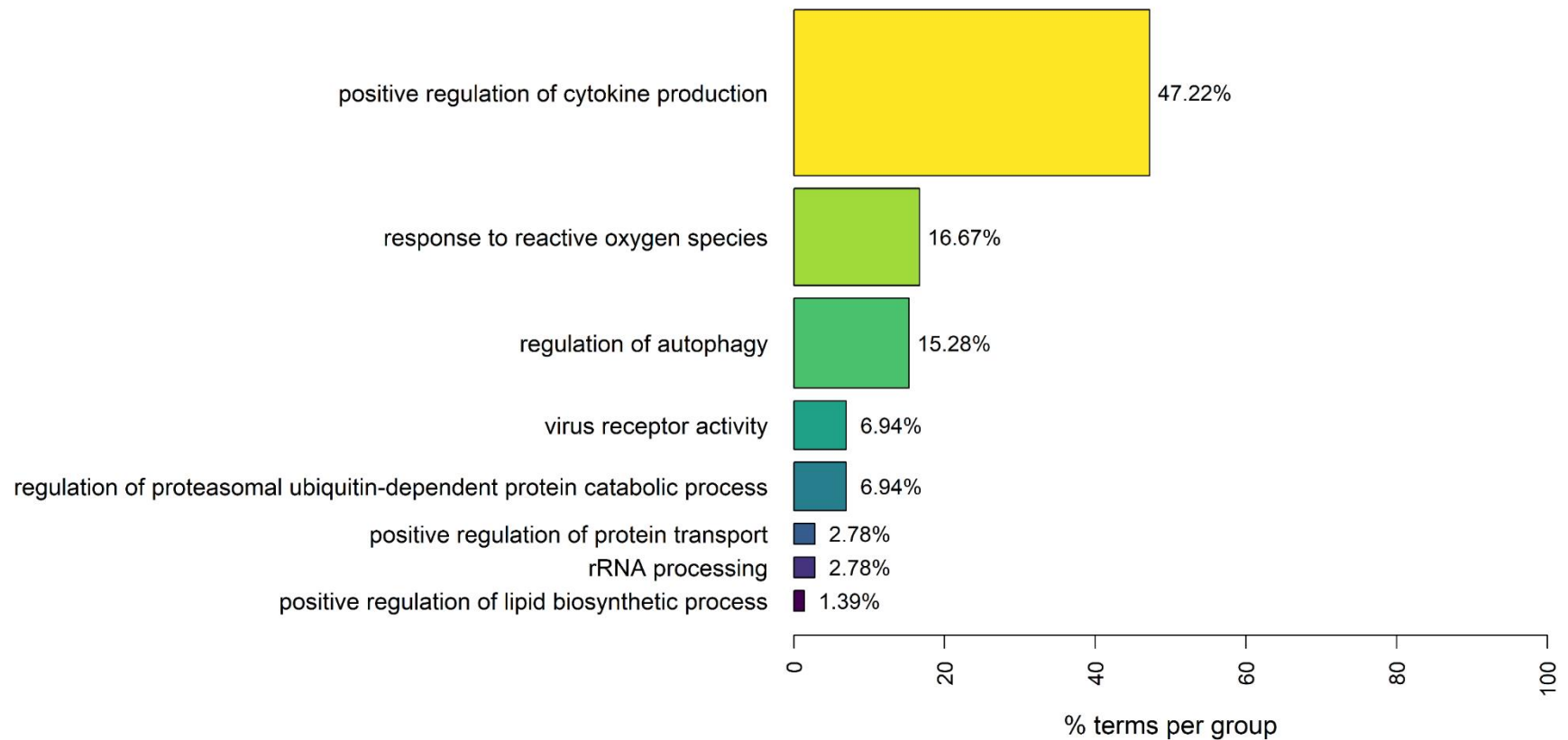


Supplementary Figure S6: Functional enrichment analysis results of the overlapping GO biological processes between Schizophrenia Disorder and COVID-19, indicating the functional groups and the percentage of terms that belong to each group.



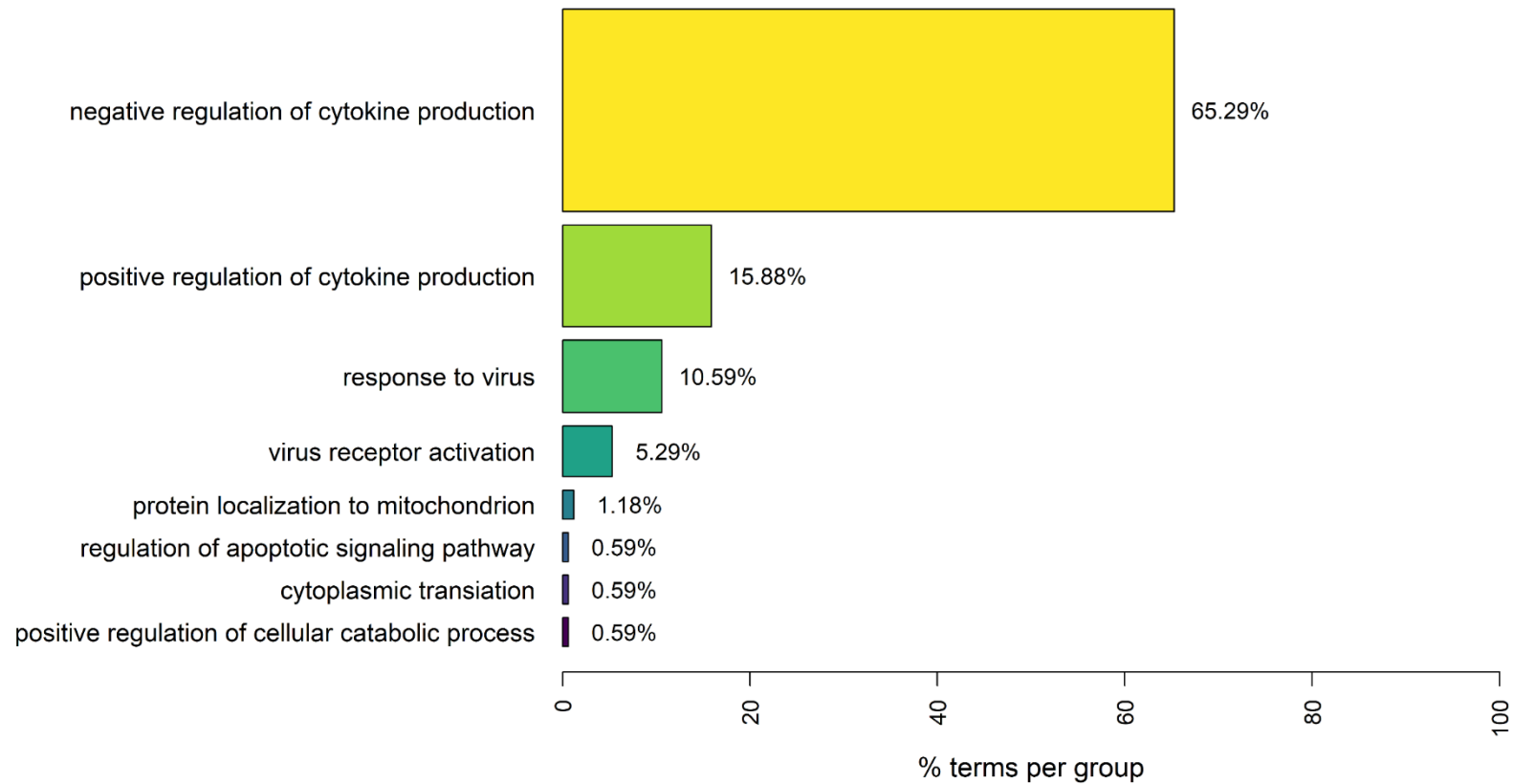
Supplementary Figure S7: Functional enrichment analysis results of the overlapping GO biological processes between Epilepsy and COVID-19, indicating the functional groups and the percentage of terms that belong to each group.

Neurotic Disorder and COVID-19



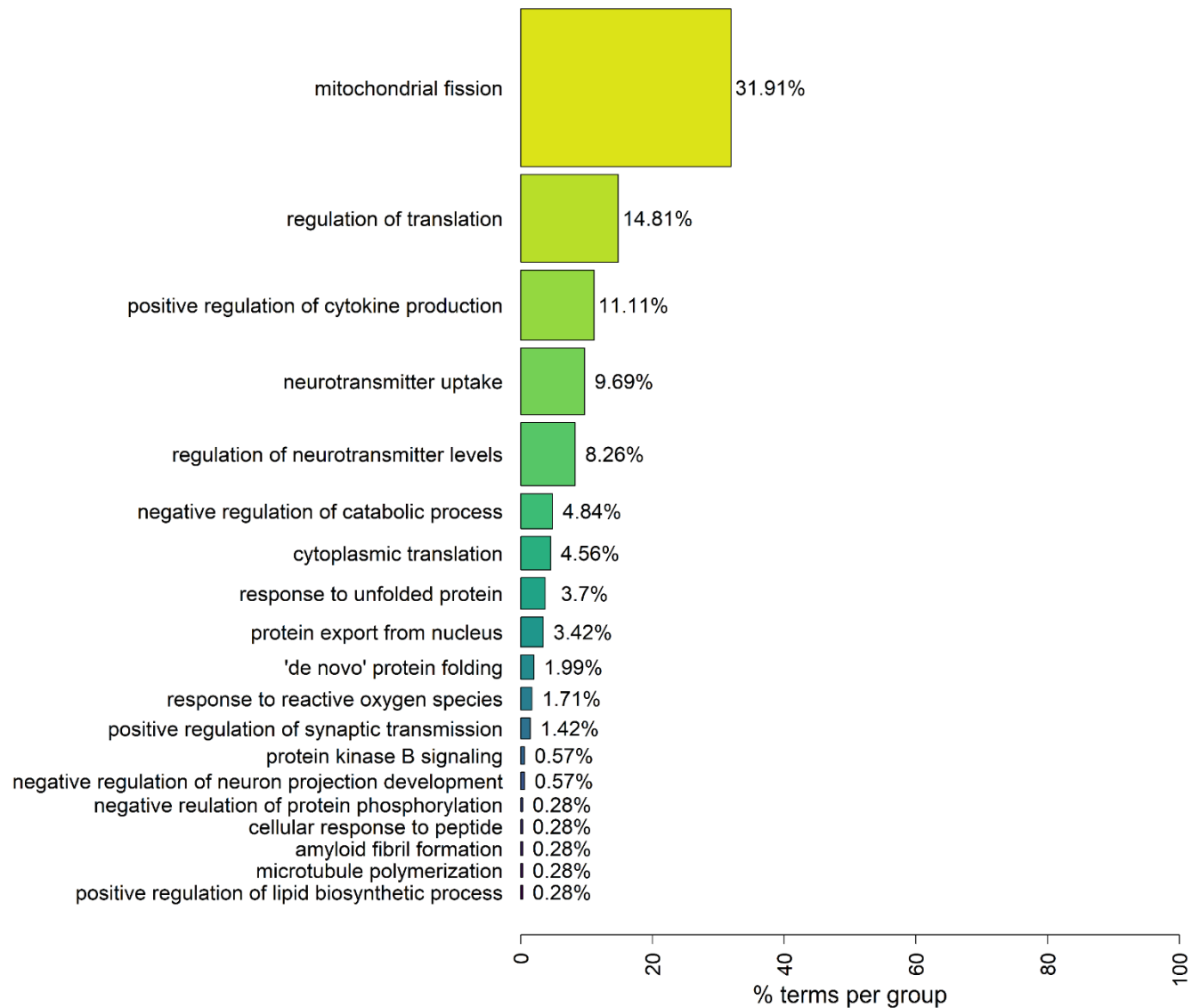
Supplementary Figure S8: Functional enrichment analysis results of the overlapping GO biological processes between Neurotic Disorder and COVID-19, indicating the functional groups and the percentage of terms that belong to each group.

Guillain-Barré Syndrome and COVID-19



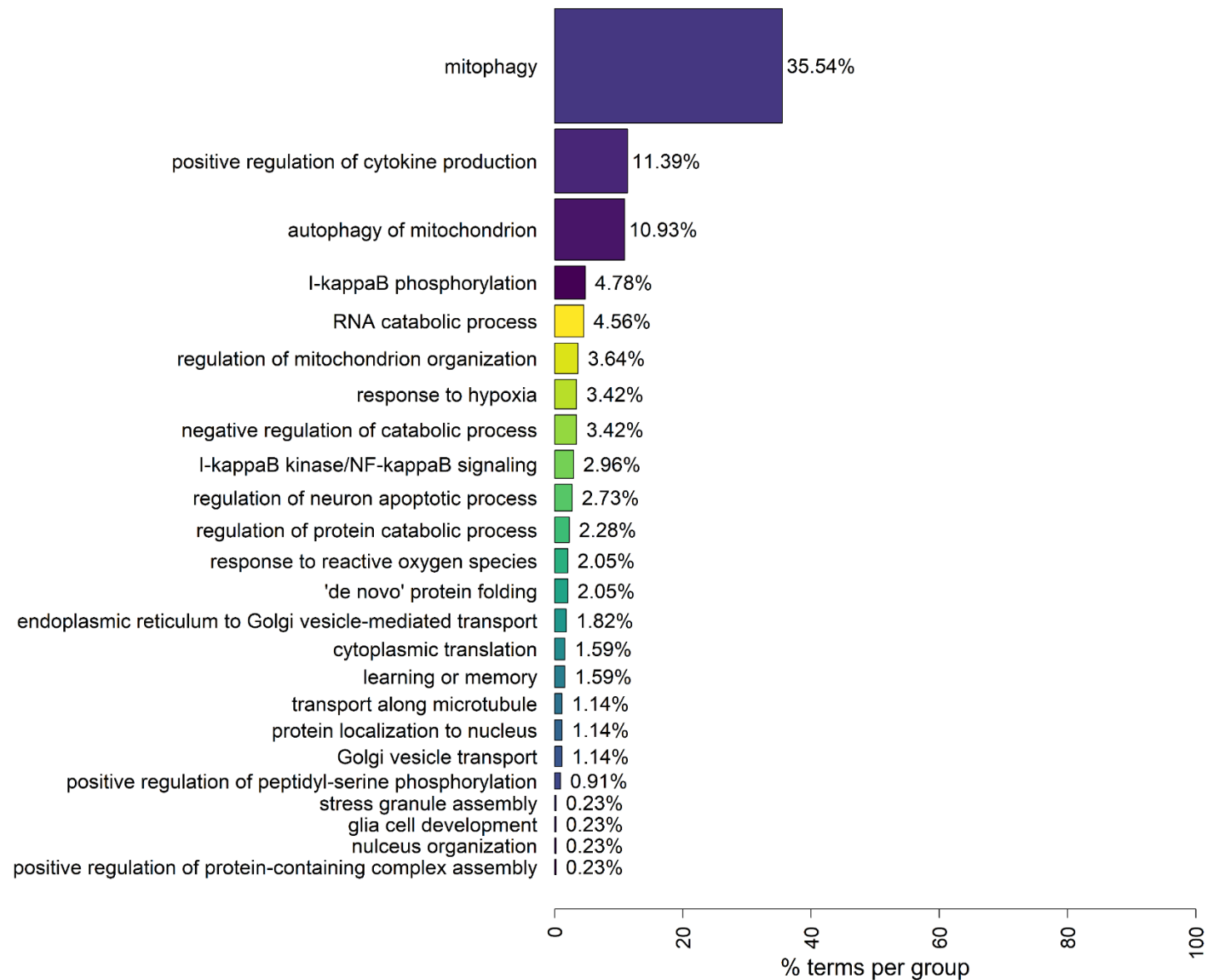
Supplementary Figure S9: Functional enrichment analysis results of the overlapping GO biological processes between Guillain-Barre Syndrome and COVID-19, indicating the functional groups and the percentage of terms that belong to each group.

Parkinson's Disease and COVID-19



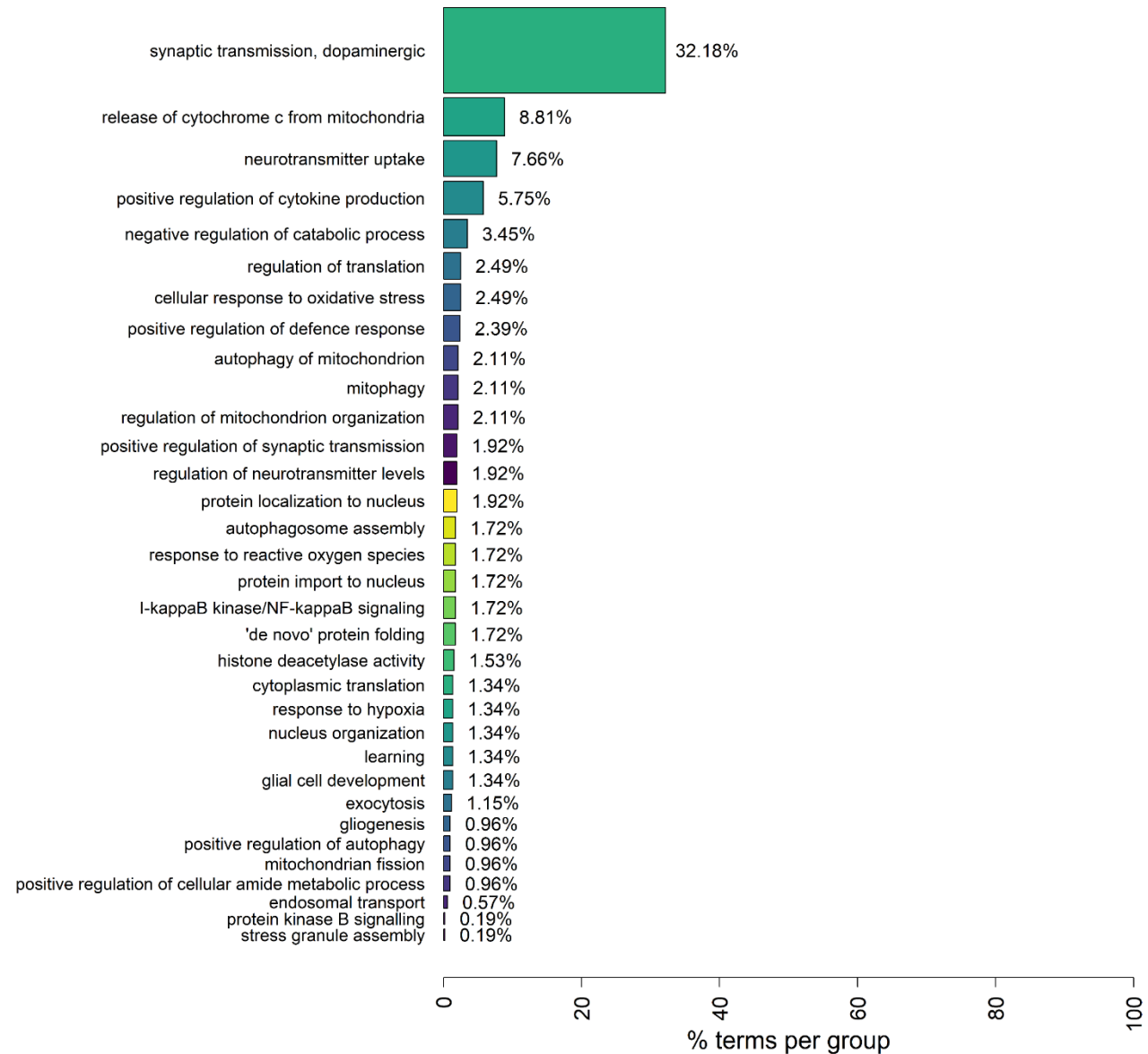
Supplementary Figure S10: Functional enrichment analysis results of the overlapping GO biological processes between Parkinson's Disease and COVID-19, indicating the functional groups and the percentage of terms that belong to each group

Amyotrophic Lateral Sclerosis and COVID-19



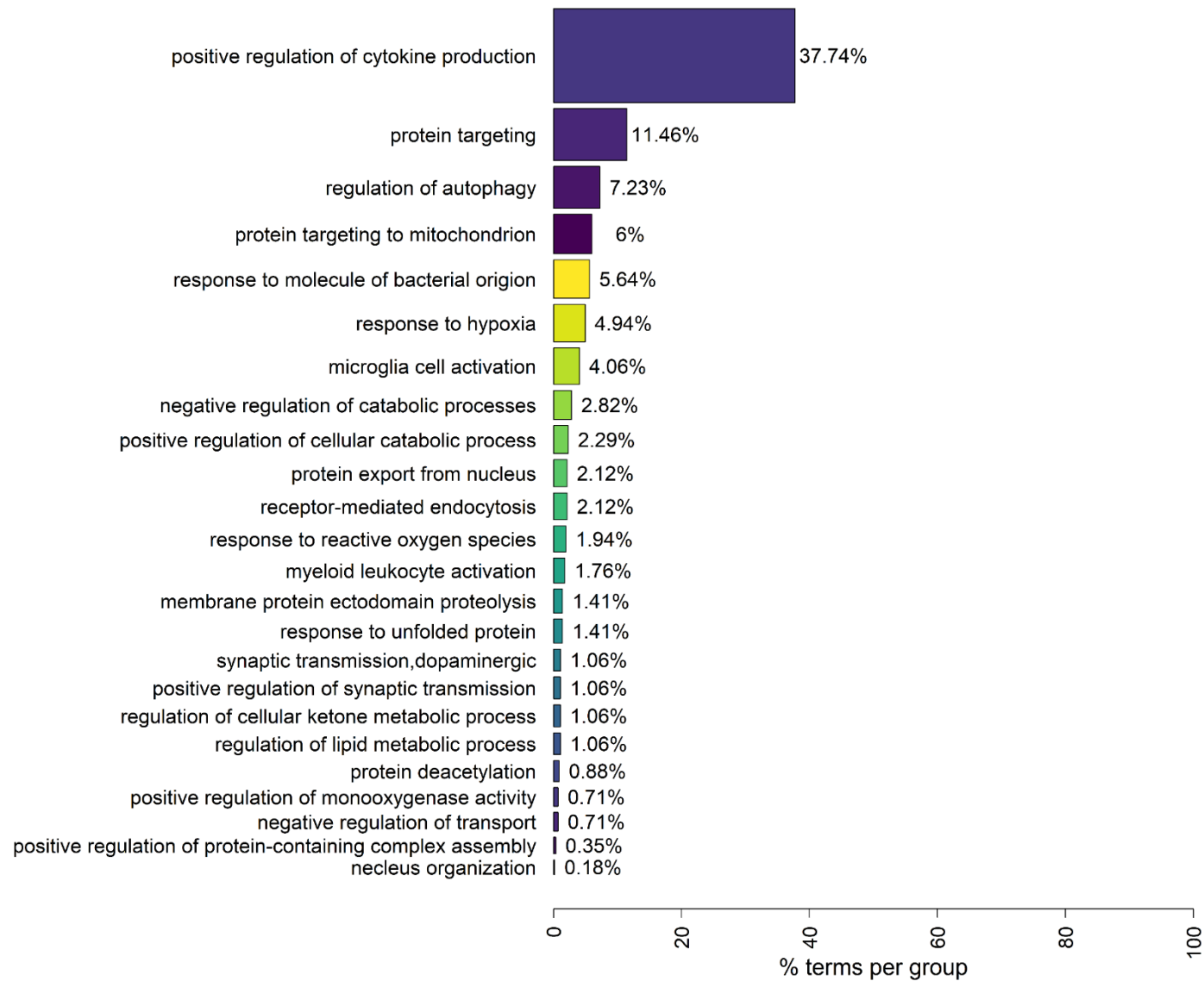
Supplementary Figure S11: Functional enrichment analysis results of the overlapping GO biological processes between Amyotrophic Lateral Sclerosis and COVID-19, indicating the functional groups and the percentage of terms that belong to each group

Huntington's Disease and COVID-19



Supplementary Figure S12: Functional enrichment analysis results of the overlapping GO biological processes between Huntington's Disease and COVID-19, indicating the functional groups and the percentage of terms that belong to each group

Alzheimer's Disease and COVID-19



Supplementary Figure S13: Functional enrichment analysis results of the overlapping GO biological processes between Alzheimer's Disease and COVID-19, indicating the functional groups and the percentage of terms that belong to each group

Supplementary Table S1: Matching 5-mer linear motifs found in the consensus sequences between SARS-CoV-2 epitopes and autoreactive epitopes found in MS, with the 5-mer motif highlighted in their epitope sequences.

MS epitope ID	COVID-19 epitope ID	Consensus sequence	MS epitope sequence	COVID-19 epitope sequence
P10321	P0DTC9-16	ALLLL	APR ALLLLL	L ALLLL DRL
P10321	P0DTC9-42	A??ALLLL	APR ALLLLL	GDAAL ALLLL DRLNQL
P10321	P0DTC9-93	A??ALLLL	APR ALLLLL	DAAL ALLLL DRLNQL
P10321	P0DTC9-118	A??ALLLL	APR ALLLLL	PARMAGNGGDAAL ALLLL DRLNQLESKMSGKGQQQ QQQ
P10321	P0DTC9-120	A??ALLLL	APR ALLLLL	AAL ALLLL DRLNQLE
P10321	P0DTC9-157	A??ALLLL	APR ALLLLL	AGNGGDAAL ALLLL D
P10321	P0DTC9-216	A??ALLLL	APR ALLLLL	AAL ALLLL DRLNQLES
P10321	P0DTC9-221	A??ALLLL	APR ALLLLL	AGNGGDAAL ALLLL DR
P10321	P0DTC9-224	ALLLL	APR ALLLLL	AL ALLLL DRLNQLESK
P10321	P0DTC9-225	ALLLL	APR ALLLLL	ALLLL DRLNQLESKMS
P10321	P0DTC9-229	A??ALLLL	APR ALLLLL	ARMAGNGGDAAL ALLLL DRLNQLESKMSGKG
P10321	P0DTC9-231	A??ALLLL	APR ALLLLL	DAAL ALLLL DRLNQLE
P10321	P0DTC9-245	A??ALLLL	APR ALLLLL	GGDAAL ALLLL DRLNQ
P10321	P0DTC9-249	A??ALLLL	APR ALLLLL	GNGGDAAL ALLLL DRL
P10321	P0DTC9-262	ALLLL	APR ALLLLL	L ALLLL DRLNQLESKM
P10321	P0DTC9-277	A??ALLLL	APR ALLLLL	MAGNGGDAAL ALLLL D
P10321	P0DTC9-282	A??ALLLL	APR ALLLLL	NGGDAAL ALLLL DRLN
P10321	P0DTC9-313	A??ALLLL	APR ALLLLL	RMAGNGGDAAL ALLLL
P10321	P0DTC9-339	A??ALLLL	APR ALLLLL	SSRGTS ParmAGNGGDAAL ALLLL DRLNQLESKMSGK GQ
P10321	P0DTC9-359	A??ALLLL	APR ALLLLL	AAL ALLLL DRLNQLESKMS
P10321	P0DTC9-363	ALLLL	APR ALLLLL	ALLLL DRLNQLESKMSG
P10321	P0DTC9-394	A??ALLLL	APR ALLLLL	MAGNGGDAAL ALLLL DR
P10321	P0DTC9-417	A??ALLLL	APR ALLLLL	RMAGNGGDAAL ALLLL DRL
P10321	P0DTC9-438	ALLLL	APR ALLLLL	AL ALLLL DRLNQLES
P10321	P0DTC9-439	ALLLL	APR ALLLLL	ALLLL DRLNQLESKM
P10321	P0DTC9-453	A??ALLLL	APR ALLLLL	GGDAAL ALLLL DRLN
P10321	P0DTC9-456	A??ALLLL	APR ALLLLL	GNGGDAAL ALLLL DR

P10321	P0DTC9-480	A??ALLLL	APRALLLL	MAGNGGDAALALLL
J3QL64-2	P0DTD1-241	YLATA	ASQKRPSQRHGSKYLATAST	YLATALLTL
J3QL64-2	P0DTC1-161	YLATA	ASQKRPSQRHGSKYLATAST	ADNNCYLATALLTLQ
J3QL64-2	P0DTC1-253	YLATA	ASQKRPSQRHGSKYLATAST	CYLATALLTLQQIEL
Q53Z42-3	P0DTD1-602	APRTL?	VMAPRTLVL	DPAQLPAPRTLLTK
Q53Z42-3	P0DTD1-1085	APRTL?	VMAPRTLVL	PAPRTLLTKGTLEPE
Q53Z42-3	P0DTD1-1117	APRTL?	VMAPRTLVL	QLPAPRTLLTKGTLE
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P09543-2	P0DTC1-314	??GKPVP	GNGRWMLTLAKNMEVRAIFT GYYGKGKPVPTQG	ECTIFKDASGKPVVPY
P09543-2	P0DTC1-1010	?GKPVP	GNGRWMLTLAKNMEVRAIFT GYYGKGKPVPTQG	SGKPVVPYCYDTNVLE
P02686-14	P0DTD1-241	YLATA	KYLATASTMDHARHGFLPRH	YLATALLTL
P02686-14	P0DTC1-161	YLATA	KYLATASTMDHARHGFLPRH	ADNNCYLATALLTLQ
P02686-14	P0DTC1-253	YLATA	KYLATASTMDHARHGFLPRH	CYLATALLTLQQIEL
J3QL64-16	P0DTD1-241	YLATA	ASQKRPSQRHGSKYLATASTM	YLATALLTL
J3QL64-16	P0DTC1-161	YLATA	ASQKRPSQRHGSKYLATASTM	ADNNCYLATALLTLQ
J3QL64-16	P0DTC1-253	YLATA	ASQKRPSQRHGSKYLATASTM	CYLATALLTLQQIEL
J3QL64-17	P0DTD1-241	YLATA	ASQKRPSQRHGSKYLATASTM DHARHGFLPRHRDTGILDSIGR F	YLATALLTL
J3QL64-17	P0DTC1-161	YLATA	ASQKRPSQRHGSKYLATASTM DHARHGFLPRHRDTGILDSIGR F	ADNNCYLATALLTLQ
J3QL64-17	P0DTC1-253	YLATA	ASQKRPSQRHGSKYLATASTM DHARHGFLPRHRDTGILDSIGR F	CYLATALLTLQQIEL
P02686-19	P0DTD1-241	YLATA	RHGSKYLATASTMDHARHGFL	YLATALLTL
P02686-19	P0DTC1-161	YLATA	RHGSKYLATASTMDHARHGFL	ADNNCYLATALLTLQ

P02686-19	P0DTC1-253	YLATA	RHGSKYLATASTMDHARHGFL	CYLATALLTLQQIEL
P10809-2	P0DTC1-566	IPKEE??P	VVTEIPKEEKDPGM	IPKEEVKPFITESKP
Q13875-8	P0DTC9-1	?SRGGS	QPRSSPLRGPASRGGS PVKAS RF	AEGSRGGSQA
Q13875-8	P0DTC9-332	?SRGGS	QPRSSPLRGPASRGGS PVKAS RF	LPQGTTLPKG FYAEGSRGGSQASSRSSRSRNSSRNSTP
Q13875-8	P0DTC9-335	?SRGGS	QPRSSPLRGPASRGGS PVKAS RF	QGTTLPKG FYAEGSRGGS
Q13875-8	P0DTC9-448	?SRGGS	QPRSSPLRGPASRGGS PVKAS RF	EGSRGGSQASSRSSS
Q13875-8	P0DTC9-501	SRGGS	QPRSSPLRGPASRGGS PVKAS RF	SRGGSQASSRSSRS
A0A075B6H9-1	P0DTC9-3	?PSASA	QSVLTQS PSASAS	AP SASAFFGM
A0A075B6H9-1	P0DTC9-4	?PSASA	QSVLTQS PSASAS	AQFAP SASA
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A0A075B6H9-1	P0DTC9-38	?PSASA	QSVLTQS PSASAS	FAP SASAFF
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P02686-35	P0DTC1-253	YLATA	SKYLATASTMDHARHGFLPR	CYLATALLTLQQIEL
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P02686-36	P0DTC1-161	YLATA	SQRHGSKYLATASTMDHARH	ADNNCYLATALLTLQ
P02686-36	P0DTC1-253	YLATA	SQRHGSKYLATASTMDHARH	CYLATALLTLQQIEL
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J3QL64-25	P0DTC1-161	YLATA	ASQKRPSQRHGSKYLATASTM DHARHGFLPRHRDTGIL	ADNNCYLATALLTLQ
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P02686-38	P0DTD1-241	YLATA	GSKYLATASTMDHARHGFL	YLATALLTL
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P02686-38	P0DTC1-253	YLATA	GSKYLATASTMDHARHGFL	CYLATALLTLQQIEL
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J3QL64-27	P0DTC1-161	YLATA	GSKYLATASTMDHARHGFLP	ADNNCYLATALLTLQ
J3QL64-27	P0DTC1-253	YLATA	GSKYLATASTMDHARHGFLP	CYLATALLTLQQIEL
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P60201-47	P0DTC1-294	?ATLVS	AAFVGAAATLVSLTTFMIAATY NFAVLKLMGR	DSATLVSDIDITFLK
P60201-47	P0DTC1-508	?ATLVS	AAFVGAAATLVSLTTFMIAATY NFAVLKLMGR	HPDSATLVSDIDITF
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J3QL64-91	P0DTC1-161	YLATA	GSKY LATA STMDHARHGFLPR HRDTGILDSIGRFFGGDRG	ADNNCY LATA ALLTLQ
J3QL64-91	P0DTC1-253	YLATA	GSKY LATA STMDHARHGFLPR HRDTGILDSIGRFFGGDRG	CY LATA ALLTLQQIEL
P60201-50	P0DTC1-790	FFFLY	GTAS FFFLY GALLLAYGFYTTGA VRQIFGDYK	LVQSTQWSL FFFLY E
P60201-50	P0DTC1-1247	FFFLY????L??	GTAS FFFLY GALLLAYGFYTTGA VRQIFGDYK	WSL FFFLY ENAFLPF
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Q8IUQ4	P0DTD1-1148	LPTGT	ATAL LPTGT SK	RQWL LPTGT LLVDSDL
Q8IUQ4	P0DTD1-1286	LPTGT	ATAL LPTGT SK	WL LPTGT LLVDSDLND
Q6UWS5	P0DTD1-749	TVAGV??	A TVAGV HVK	ART TVAGV SICSTMTN
Q6UWS5	P0DTD1-941	TVAGV??	A TVAGV HVK	ISAKNRART TVAGV SI
P04271-1	P0DTC1-1	?L?NNELS	ELIN NNELS HF	AVKLQ NNELS PVALR
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P02686-84	P0DTC1-161	YLATA	HGSKY LATA STMDHA	ADNNCY LATA ALLTLQ
P02686-84	P0DTC1-253	YLATA	HGSKY LATA STMDHA	CY LATA ALLTLQQIEL
Q01082-1	P0DTD1-627	???SSVEL	KPRDV SSVEL	GFFKEG SSVEL KHF
Q01082-1	P0DTD1-859	???SSVEL	KPRDV SSVEL	FFKEG SSVEL KHFFF

O95674	P0DTC2-188	LNRAL???	PEV LNRAL SNL	TQ LNRALT GI
O95674	P0DTC2-298	LNRAL???	PEV LNRAL SNL	YGSFCTQ LNRALT GIAVEQD
O95674	P0DTC2-406	LNRAL???	PEV LNRAL SNL	TQ LNRALT GIAVEQD
O95674	P0DTC2-434	LNRAL???	PEV LNRAL SNL	CTQ LNRALT GIAVEQDKNTQEVFAQVKQI
O95674	P0DTC2-506	LNRAL	PEV LNRAL SNL	LLQYGSFCTQ LNRAL
O95674	P0DTC2-903	LNRAL???	PEV LNRAL SNL	TQ LNRALT GIAVEQDK
O95674	P0DTC2-941	LNRAL???	PEV LNRAL SNL	TQ LNRALT GIAVEQDKNTQEVFAQVKQIYKTPPIKDFG G
O95674	P0DTC2-1141	LNRAL???	PEV LNRAL SNL	TQ LNRALT GIAVEQDKNTQ
O95674	P0DTC2-1142	LNRAL???	PEV LNRAL SNL	TQ LNRALT GIAVEQDKNTQEVFA
O95674	P0DTC2-1190	LNRAL???	PEV LNRAL SNL	FCTQ LNRALT GIAVE
O95674	P0DTC2-1221	LNRAL???	PEV LNRAL SNL	LNRALT GIAVEQDKN
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P02686-87	P0DTC1-161	YLATA	RHGSK YLATA	ADNN CYLATA LLTLQ
P02686-87	P0DTC1-253	YLATA	RHGSK YLATA	CYLATA LLTLQQIEL
P02686-88	P0DTD1-241	YLATA	RHGSK YLATA STMDHARH	YLATA LLTL
P02686-88	P0DTC1-161	YLATA	RHGSK YLATA STMDHARH	ADNN CYLATA LLTLQ
P02686-88	P0DTC1-253	YLATA	RHGSK YLATA STMDHARH	CYLATA LLTLQQIEL
Q16663	P0DTD1-795	SVAAL?	SVAAL SCLMLVA	DKRTTCF SVAAL TNN
Q16663	P0DTD1-1012	SVAAL?	SVAAL SCLMLVA	LLDKRTTCF SVAAL T
Q16663	P0DTD1-1150	SVAAL?	SVAAL SCLMLVA	RTTCF SVAAL TNNVA
Q16663	P0DTD1-1189	SVAAL?	SVAAL SCLMLVA	TCF SVAAL TNNVAFQ
P14174-1	P0DTD1-633	VPRAS	TNV VPRAS VPDGFSEL	HNKCAYW VPRAS
P42701	P0DTC1-176	STVLS	W STVLS TYHF	AGNATEVPAN STVLS
P01042-1	P0DTC1-102	AVDAA	KDLFK AVDAA LKK	LSFCAF AVDAA KAY
Q13571-1	P0DTC1-497	L???SKTPE	LPSYEEALSLP SKTPE	GYLTSS SKTPE EHFI
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Q13571-1	P0DTC1-1057	?Y???L???SKTPE	LPSYEEALSLP SKTPE	TAYNGYLTSS SKTPE
Q13571-1	P0DTC1-1282	Y???L???SKTPE	LPSYEEALSLP SKTPE	YNGYLTSS SKTPE EEH
Q13571-2	P0DTC1-497	L???SKTPE	VVLPSYEEALSLP SKTPE	GYLTSS SKTPE EHFI
Q13571-2	P0DTC1-784	L???SKTPE	VVLPSYEEALSLP SKTPE	LTSS SKTPE EHFIET

Q13571-2	P0DTC1-1020	SKTPE	VVLPSYEEALSLP SKTPE	SKTPE EHFIETISLA
Q13571-2	P0DTC1-1033	SKTPE	VVLPSYEEALSLP SKTPE	SS SKTPE EHFIETIS
Q13571-2	P0DTC1-1057	?Y???L???SKTPE	VVLPSYEEALSLP SKTPE	TAYNGYLTSS SKTPE
Q13571-2	P0DTC1-1282	Y???L???SKTPE	VVLPSYEEALSLP SKTPE	YNGYLTSS SKTPE EEH
H7C2W9-1	P0DTC2-137	VTYVP	VTYVP VTTFKNLQTVNVDEN	H VTYVP PAQEKNF
H7C2W9-1	P0DTC2-212	VTYVP	VTYVP VTTFKNLQTVNVDEN	APHGVVFLH VTYVP PAQEKNF
H7C2W9-1	P0DTC2-306	VTYVP	VTYVP VTTFKNLQTVNVDEN	APHGVVFLH VTYVP PA
H7C2W9-1	P0DTC2-422	VTYVP	VTYVP VTTFKNLQTVNVDEN	VTYVP PAQEK
H7C2W9-1	P0DTC2-565	VTYVP	VTYVP VTTFKNLQTVNVDEN	VTYVP PAQEKNF ^{TTAP}
H7C2W9-1	P0DTC2-615	VTYVP	VTYVP VTTFKNLQTVNVDEN	H VTYVP PAQEK
H7C2W9-3	P0DTC2-137	VTYVP	VTYVP VTTFK	H VTYVP PAQEKNF
H7C2W9-3	P0DTC2-212	VTYVP	VTYVP VTTFK	APHGVVFLH VTYVP PAQEKNF
H7C2W9-3	P0DTC2-306	VTYVP	VTYVP VTTFK	APHGVVFLH VTYVP PA
H7C2W9-3	P0DTC2-422	VTYVP	VTYVP VTTFK	VTYVP PAQEK
H7C2W9-3	P0DTC2-565	VTYVP	VTYVP VTTFK	VTYVP PAQEKNF ^{TTAP}
H7C2W9-3	P0DTC2-615	VTYVP	VTYVP VTTFK	H VTYVP PAQEK
P11586-1	P0DTD1-377	QVNGL	IDLDPETE QVNGLF	NHTKKWKYP QVNGLT
P11586-1	P0DTD1-461	QVNGL	IDLDPETE QVNGLF	YP QVNGLT SI
P11586-1	P0DTD1-543	QVNGL	IDLDPETE QVNGLF	KYP QVNGLT SIKWAD
P11586-1	P0DTC1-142	QVNGL	IDLDPETE QVNGLF	YP QVNGLT SIKWAD
P11586-1	P0DTC1-633	QVNGL	IDLDPETE QVNGLF	KKWKYP QVNGLT SIK
P11586-1	P0DTC1-749	QVNGL	IDLDPETE QVNGLF	LNHTKKWKYP QVNGL
P11586-1	P0DTC1-953	QVNGL	IDLDPETE QVNGLF	QVNGLT SIKWADNNC
P11586-1	P0DTC1-1245	QVNGL	IDLDPETE QVNGLF	WKYP QVNGLT SIKWA
P14174-2	P0DTD1-633	VPRAS	IVNTN VPRAS VPDGF ^{LSEL}	HNKCAYW VPRAS
P62861-1	P0DTC1-202	ARAGK	KVHGSL ARAGK VRGQTPK	ARAGK ASCTLSEQLD
P62736-3	P0DTC1-501	EKSYE	SLEKSYE LPDGQVI	HEIAWYTER EKSYE
P37108-1	P0DTC5-36	LLESE	VLLESE QFLTELTRL	LLESEL VIGAVILRGHLR
P37108-1	P0DTC5-64	LLESE	VLLESE QFLTELTRL	HGTILTRP LLESELV
P37108-1	P0DTC5-72	LLESE	VLLESE QFLTELTRL	LLESEL VIGAVILRG
P37108-1	P0DTC5-76	LLESE	VLLESE QFLTELTRL	LTRP LLESEL VIGAV
P37108-1	P0DTC5-97	LLESE	VLLESE QFLTELTRL	GTILTRP LLESELV I
P37108-1	P0DTC5-117	LLESE	VLLESE QFLTELTRL	RP LLESEL

P37108-1	P0DTC5-118	LLESE	VLL EE SEQFLTELTRL	RP LLE SELVIGAVIL
P37108-1	P0DTC5-214	LLESE	VLL EE SEQFLTELTRL	PLHGTILTRP LLE SE
P37108-1	P0DTC5-216	LLESE	VLL EE SEQFLTELTRL	TILTRP LLE SELVIG
P14921	P0DTD1-298	FITES	EPS FITE SY	EVKP FITE SK
P14921	P0DTC1-165	FITES	EPS FITE SY	AEIPKEEVKP FITE S
P14921	P0DTC1-388	FITES	EPS FITE SY	EVKP FITE SKPSVEQ
P14921	P0DTC1-421	FITES	EPS FITE SY	FITE SKPSVEQRKQD
P14921	P0DTC1-566	FITES	EPS FITE SY	IPKEEVKP FITE SKP
P14921	P0DTC1-614	FITES	EPS FITE SY	KEEVKP FITE SKPSV
P14921	P0DTC1-643	FITES	EPS FITE SY	KP FITE SKPSVEQRK
P04150	P0DTD1-17	EVVEN	EV VENLLNY	EE VVENPTI
P04150	P0DTC1-120	EVVEN	EV VENLLNY	SE EV VENPTIQKDVLECN
P04150	P0DTC1-152	EVVEN	EV VENLLNY	ACEDLKPVSE EV VEN
P04150	P0DTC1-318	EVVEN	EV VENLLNY	EDLKPVSE EV VENPT
P04150	P0DTC1-396	EVVEN	EV VENLLNY	EV VENPTIQKDVLEC
P04150	P0DTC1-716	EVVEN	EV VENLLNY	LKPVSE EV VENPTIQ
P04150	P0DTC1-919	EVVEN	EV VENLLNY	PVSE EV VENPTIQKD
P04150	P0DTC1-997	EVVEN	EV VENLLNY	SE EV VENPTIQKDV
Q06323-1	P0DTD1-625	DIILK	LY DI ILKNF	G DI ILKPANNSL
Q06323-1	P0DTC1-275	DIILK	LY DI ILKNF	DI ILKPANNSLKITE
Q06323-1	P0DTC1-397	DIILK	LY DI ILKNF	EVVG DI ILKPANNSL
Q06323-1	P0DTC1-1128	DIILK	LY DI ILKNF	TTEVV GDI ILKPANN
Q06323-1	P0DTC1-1196	DIILK	LY DI ILKNF	VKTTEVV GDI ILKPA
H7C2W9-4	P0DTC2-137	VTYVP	TLV VTY VPVTTFK	H VTY VP PA QEKNF
H7C2W9-4	P0DTC2-212	VTYVP	TLV VTY VPVTTFK	APHGVVFLH VTY VP PA QEKNF
H7C2W9-4	P0DTC2-306	VTYVP	TLV VTY VPVTTFK	APHGVVFLH VTY VP PA
H7C2W9-4	P0DTC2-422	VTYVP	TLV VTY VPVTTFK	VTY VP PA QEK
H7C2W9-4	P0DTC2-565	VTYVP	TLV VTY VPVTTFK	VTY VP PA QEKNFTAP
H7C2W9-4	P0DTC2-615	VTYVP	TLV VTY VPVTTFK	H VTY VP PA QEK
P37108-2	P0DTC5-36	LLESE	VLL EE SEQFLTEL	LLE SELVIGAVILRGHLR
P37108-2	P0DTC5-64	LLESE	VLL EE SEQFLTEL	HGTILTRP LLE SELV
P37108-2	P0DTC5-72	LLESE	VLL EE SEQFLTEL	LLE SELVIGAVILRG
P37108-2	P0DTC5-76	LLESE	VLL EE SEQFLTEL	LTRP LLE SELVIGAV

P37108-2	P0DTC5-97	LLESE	VLL EE SQFLTEL	GTILTRP LLE SELVI
P37108-2	P0DTC5-117	LLESE	VLL EE SQFLTEL	RP LLE SEL
P37108-2	P0DTC5-118	LLESE	VLL EE SQFLTEL	RP LLE SELVIGAVIL
P37108-2	P0DTC5-214	LLESE	VLL EE SQFLTEL	PLHGTILTRP LLE SE
P37108-2	P0DTC5-216	LLESE	VLL EE SQFLTEL	TILTRP LLE SELVIG
H7C2W9-5	P0DTC2-137	VTYVP	VTYVP VTTF	H VTYVP PAQEKNF
H7C2W9-5	P0DTC2-212	VTYVP	VTYVP VTTF	APHGVVFLH VTYVP PAQEKNF
H7C2W9-5	P0DTC2-306	VTYVP	VTYVP VTTF	APHGVVFLH VTYVP PA
H7C2W9-5	P0DTC2-422	VTYVP	VTYVP VTTF	VTYVP PAQEK
H7C2W9-5	P0DTC2-565	VTYVP	VTYVP VTTF	VTYVP PAQEKNFTTAP
H7C2W9-5	P0DTC2-615	VTYVP	VTYVP VTTF	H VTYVP PAQEK
P05783-9	P0DTC1-80	LGSAL	SLGSAL RP	GMNGRTIL GSAL LED
P05783-9	P0DTC1-560	LGSAL	SLGSAL RP	I LGSA LEDEFTPFD
P05783-9	P0DTC1-839	LGSAL	SLGSAL RP	NGRTIL GSAL LEDEF
P05783-9	P0DTC1-973	LGSAL	SLGSAL RP	RTIL GSAL LEDEFTP
P05783-10	P0DTC1-80	LGSAL	SLGSAL RPSTSRSL	GMNGRTIL GSAL LED
P05783-10	P0DTC1-560	LGSAL	SLGSAL RPSTSRSL	I LGSA LEDEFTPFD
P05783-10	P0DTC1-839	LGSAL	SLGSAL RPSTSRSL	NGRTIL GSAL LEDEF
P05783-10	P0DTC1-973	LGSAL	SLGSAL RPSTSRSL	RTIL GSAL LEDEFTP
P62316	P0DTD1-132	EEEEF	EEEEF NTGP	GD CEEEF EPSTQYEY
P62316	P0DTD1-612	EEEEF	EEEEF NTGP	EEEEF EPSTQYE
P62316	P0DTC1-234	EEEEF	EEEEF NTGP	CEEEF EPSTQYEYG
P62316	P0DTC1-261	EEEEF	EEEEF NTGP	DEDEEEGD CEEEF E
P62316	P0DTC1-262	EEEEF	EEEEF NTGP	DEEEGD CEEEF EPS
P62316	P0DTC1-327	EEEEF	EEEEF NTGP	EEGD CEEEF EPSTQ
P62316	P0DTC1-453	EEEEF	EEEEF NTGP	GD CEEEF EPSTQYE
P47914-1	P0DTD1-890	TQAPT??S	AQAAAPASVPAQAPKR TQAPT KASE	GLHPT TQAPT HLSDVT
P47914-1	P0DTD1-949	TQAPT??S	AQAAAPASVPAQAPKR TQAPT KASE	ITGLHPT TQAPT HLSV
Q53YP1-1	P0DTC1-607	KDYLA	DG KDYLA LNEDLRW	KAY KDYLA SGGQPIT
Q53YP1-1	P0DTC1-1267	KDYLA	DG KDYLA LNEDLRW	Y KDYLA SGGQPITNC
P08575-1	P0DTC1-1072	??KALRK	VDIFQVV KALRKA	TEMLA KALRK VPTDN

P08575-2	P0DTC1-1072	???KALRK	VVDIFQVV KALRK ARPG	TEMLA KALRK VPTDN
Q9NQ90-1	P0DTC2-981	GETGK	GETG KEPHAGGPGDIELGPL	VRQIAP GETG KIADY
Q53YP1-2	P0DTC1-607	KDYLA	AYDG KDYLA LNE DLRSWT	KAY KDYLA SGGQPIT
Q53YP1-2	P0DTC1-1267	KDYLA	AYDG KDYLA LNE DLRSWT	YKDYL ASGGQPITNC
Q53YP1-3	P0DTC1-607	KDYLA	DG KDYLA LNE DLR	KAY KDYLA SGGQPIT
Q53YP1-3	P0DTC1-1267	KDYLA	DG KDYLA LNE DLR	YKDYL ASGGQPITNC
Q53YP1-4	P0DTC1-607	KDYLA	DG KDYLA LNE DLRS	KAY KDYLA SGGQPIT
Q53YP1-4	P0DTC1-1267	KDYLA	DG KDYLA LNE DLRS	YKDYL ASGGQPITNC
F1MPL6	P0DTC1-607	KDYLA	DG KDYLA LNE DLRSWT	KAY KDYLA SGGQPIT
F1MPL6	P0DTC1-1267	KDYLA	DG KDYLA LNE DLRSWT	YKDYL ASGGQPITNC
Q53YP1-5	P0DTC1-607	KDYLA	DG KDYLA LNE DLRSWTA	KAY KDYLA SGGQPIT
Q53YP1-5	P0DTC1-1267	KDYLA	DG KDYLA LNE DLRSWTA	YKDYL ASGGQPITNC
Q53YP1-6	P0DTC1-607	KDYLA	G KDYLA LNE DLR	KAY KDYLA SGGQPIT
Q53YP1-6	P0DTC1-1267	KDYLA	G KDYLA LNE DLR	YKDYL ASGGQPITNC
Q53YP1-7	P0DTC1-607	KDYLA	G KDYLA LNE DLRSW	KAY KDYLA SGGQPIT
Q53YP1-7	P0DTC1-1267	KDYLA	G KDYLA LNE DLRSW	YKDYL ASGGQPITNC
Q53YP1-8	P0DTC1-607	KDYLA	G KDYLA LNE DLRSWTA	KAY KDYLA SGGQPIT
Q53YP1-8	P0DTC1-1267	KDYLA	G KDYLA LNE DLRSWTA	YKDYL ASGGQPITNC
P05109-1	P0DTC1-832	LNSII	MLTELEKA LNSII DV	NFVFP LNSII KTIQP
P05109-1	P0DTC1-1179	LNSII	MLTELEKA LNSII DV	VFPL LNSII KTIQPRV
P62937-2	P0DTD1-970	TVFFD	VNPT TVFFD IAVDGEPLGRVS	KPTETICAPL TVFFD
P62937-2	P0DTD1-1098	TVFFD??VDG?	VNPT TVFFD IAVDGEPLGRVS	PL TVFFD GRVDGQVD
P62937-2	P0DTD1-1197	TVFFD	VNPT TVFFD IAVDGEPLGRVS	TETICAPL TVFFD GR
P62937-2	P0DTD1-1202	TVFFD??VD	VNPT TVFFD IAVDGEPLGRVS	TICAPL TVFFD GRVD
P62937-2	P0DTD1-1234	TVFFD??VDG?	VNPT TVFFD IAVDGEPLGRVS	TVFFD GRVDGQVDLF
Q53YP1-9	P0DTC1-607	KDYLA	YDG KDYLA LNE DLRSWT	KAY KDYLA SGGQPIT
Q53YP1-9	P0DTC1-1267	KDYLA	YDG KDYLA LNE DLRSWT	YKDYL ASGGQPITNC
H7C2W9-6	P0DTC2-137	VTYVP	TL VTYVP VTTF	H VTYVP PAQEKNF
H7C2W9-6	P0DTC2-212	VTYVP	TL VTYVP VTTF	APHGVVFLH VTYVP PAQEKNF
H7C2W9-6	P0DTC2-306	VTYVP	TL VTYVP VTTF	APHGVVFLH VTYVP A
H7C2W9-6	P0DTC2-422	VTYVP	TL VTYVP VTTF	VTYVP PAQEK
H7C2W9-6	P0DTC2-565	VTYVP	TL VTYVP VTTF	VTYVP PAQEKNFTTAP
H7C2W9-6	P0DTC2-615	VTYVP	TL VTYVP VTTF	H VTYVP PAQEK

P06733-3	P0DTD1-638	ADLYK	ADLYKSFIDYPVVS	ITEHSWNADLYKLM
P06733-3	P0DTD1-909	ADLYK	ADLYKSFIDYPVVS	HSWNADLYKLMGHFA
P06733-3	P0DTD1-1287	ADLYK	ADLYKSFIDYPVVS	WNADLYKLMGHFAWW
P29401-5	P0DTC1-505	YFDKA	CGMAYTGKYFDKASY	HLYFDKAGQKTYERH
P29401-5	P0DTC1-1015	YFDKA	CGMAYTGKYFDKASY	SIHLYFDKAGQKTYE
P29401-5	P0DTC1-1195	YFDKA	CGMAYTGKYFDKASY	VKNGSIHLYFDKAGQ
P29401-5	P0DTC1-1232	YFDKA	CGMAYTGKYFDKASY	VTVKNGSIHLYFDKA
P29401-5	P0DTC1-1260	YFDKA	CGMAYTGKYFDKASY	YFDKAGQKTYERHSL
Q05329-2	P0DTD1-37	Q??LKYAI	CQTTLKYYAIKTGHPR	IPITITQMNLYKAISA
Q05329-2	P0DTD1-548	QTTLK	CQTTLKYYAIKTGHPR	NVCKTCGQQQTTLK
Q05329-2	P0DTD1-1056	?LKYAI	CQTTLKYYAIKTGHPR	MNLYKAISAKNRART
Q05329-2	P0DTD1-1204	Q??LKYAI	CQTTLKYYAIKTGHPR	TITQMNLYKAISAKN
Q05329-2	P0DTD1-1220	Q??LKYAI	CQTTLKYYAIKTGHPR	TQMNLYKAISAKNRA
Q05329-2	P0DTC1-238	QTTLK	CQTTLKYYAIKTGHPR	CKTCGQQQTTLKGVE
Q05329-2	P0DTC1-482	QTTLK	CQTTLKYYAIKTGHPR	GQQQTTLKGVEAVMY
Q05329-2	P0DTC1-1060	QTTLK	CQTTLKYYAIKTGHPR	TCGQQQTTLKGVEAV
Q05329-2	P0DTC1-1235	QTTLK	CQTTLKYYAIKTGHPR	VVCKTCGQQQTTLKG
P02489	P0DTD1-776	DDFVE	DDFVEIHGKHNERQD	CVCSVIDLLDDFVE
A0A0D9SGF6-3	P0DTC1-149	RQGFV	DWWKVEVNDRQGFVP	AARQGFVDSDEVTKD
A0A0D9SGF6-3	P0DTC1-576	RQGFV	DWWKVEVNDRQGFVP	ISAAARQGFVDSDEV
A0A0D9SGF6-3	P0DTC1-772	RQGFV	DWWKVEVNDRQGFVP	LSTFISAAARQGFVDS
A0A0D9SGF6-3	P0DTC1-970	RQGFV	DWWKVEVNDRQGFVP	RQGFVDSDEVTKDVV
A0A0D9SGF6-3	P0DTC1-1082	RQGFV	DWWKVEVNDRQGFVP	TFISAAARQGFVDSDV
P09972-3	P0DTD1-338	EASFN	EASFNLNAINRCPLP	KFCLEASFNY
P09972-3	P0DTD1-476	EASFN	EASFNLNAINRCPLP	CLEASFNYL
P09972-3	P0DTC1-95	EASFN	EASFNLNAINRCPLP	LEASFNYLKSPNFS
P09972-3	P0DTC1-310	EASFN	EASFNLNAINRCPLP	EASFNYLKSPNFSKL
A0A1W2PRT3-1	P0DTD1-568	DGEVI	EMRDGEVIKESKQEH	LDGEVITFDNLKLLS
A0A1W2PRT3-1	P0DTC1-417	DGEVI	EMRDGEVIKESKQEH	FHLDGEVITFDNLKT
A0A1W2PRT3-1	P0DTC1-678	DGEVI	EMRDGEVIKESKQEH	LDGEVITFDNLKLL
A0A1W2PRT3-1	P0DTC1-868	DGEVI	EMRDGEVIKESKQEH	NPTTFHLDGEVITFD
A0A1W2PRT3-1	P0DTC1-1125	DGEVI	EMRDGEVIKESKQEH	TSNPTTFHLDGEVIT
A0A1W2PRT3-1	P0DTC1-1129	DGEVI	EMRDGEVIKESKQEH	TTFHLDGEVITFDNL

P08238-5	P0DTD1-789	?LFENK	FIPRRAPFDLFENKK	DGVDVELFENKTTLTP
P08238-5	P0DTD1-992	LFENK	FIPRRAPFDLFENKK	LFENKTTLTPVNVAFE
P08238-5	P0DTD1-1246	?LFENK	FIPRRAPFDLFENKK	VDVELFENKTTLTPVN
P08238-5	P0DTD1-1312	?LFENK	FIPRRAPFDLFENKK	YTKVDGVDVELFENK
P29401-7	P0DTD1-255	AEAEL	FLAEAELNLNRKISS	AEAELAKNV
P29401-7	P0DTC1-129	AEAEL	FLAEAELNLNRKISS	TLVATAEAELAKNVSL
P29401-7	P0DTC1-212	AEAEL	FLAEAELNLNRKISS	ATAEAELAKNVSLDN
P29401-7	P0DTC1-787	AEAEL	FLAEAELNLNRKISS	LVATAEAELAKNVSL
P29401-7	P0DTC1-802	AEAEL	FLAEAELNLNRKISS	MEKLKTLVATAEAEL
P08779-10	P0DTC1-174	AGALN	FSLAGALNAGFKETR	AGALNKATNNAMQVE
P08779-10	P0DTC1-464	??AGALN	FSLAGALNAGFKETR	GGGVAGALNKATNNA
P08779-10	P0DTC1-492	??AGALN	FSLAGALNAGFKETR	GVAGALNKATNNAMQ
P08779-10	P0DTC1-626	??AGALN	FSLAGALNAGFKETR	KHGGGVAGALNKATN
P08238-9	P0DTC1-31	????SAFVE	GESKEQVANSAFVER	ILASFSASTSAFVET
P08238-9	P0DTC1-208	????SAFVE	GESKEQVANSAFVER	ASFSASTSAFVETVK
P08238-9	P0DTC1-211	????SAFVE	GESKEQVANSAFVER	ASTSAFVETVKGLDY
P02511-7	P0DTD1-940	IRRP	HPWIRRPFPFHSPS	IRRPFLCCKCCYDHV
P02511-7	P0DTD1-1174	IRRP	HPWIRRPFPFHSPS	SQTSLRGACIRRP
P02511-7	P0DTD1-1229	IRRP	HPWIRRPFPFHSPS	TSLRGACIRRPFLC
A0A1W2PRT3-2	P0DTD1-568	DGEVI	IVVKTVMRDGEVIK	LDGEVITFDNLKTL
A0A1W2PRT3-2	P0DTC1-417	DGEVI	IVVKTVMRDGEVIK	FHLDGEVITFDNLKT
A0A1W2PRT3-2	P0DTC1-678	DGEVI	IVVKTVMRDGEVIK	LDGEVITFDNLKTL
A0A1W2PRT3-2	P0DTC1-868	DGEVI	IVVKTVMRDGEVIK	NPTTFHLDGEVITFD
A0A1W2PRT3-2	P0DTC1-1125	DGEVI	IVVKTVMRDGEVIK	TSNPTTFHLDGEVIT
A0A1W2PRT3-2	P0DTC1-1129	DGEVI	IVVKTVMRDGEVIK	TTFHLDGEVITFDNL
Q13813-16	P0DTC1-505	??KAGQK	LEKAGQKLIDVNHYA	HLYFDKAGQKTYERH
Q13813-16	P0DTC1-1015	??KAGQK	LEKAGQKLIDVNHYA	SIHLYFDKAGQKTYE
Q13813-16	P0DTC1-1260	??KAGQK	LEKAGQKLIDVNHYA	YFDKAGQKTYERHSL
O75508-9	P0DTC1-618	?LALCA	LILLALCALVATIWF	KFLALCADSIIGGA
O75508-9	P0DTC1-667	LALCA	LILLALCALVATIWF	LALCADSIIGGAKL
O75508-9	P0DTC1-1206	?LALCA	LILLALCALVATIWF	VNKFLALCADSIIG
P02511-11	P0DTD1-940	IRRP	MDIAIHPWIRRP	IRRPFLCCKCCYDHV
P02511-11	P0DTD1-1174	IRRP	MDIAIHPWIRRP	SQTSLRGACIRRP

P02511-11	P0DTD1-1229	IRRP	MDIAIHPWIRRP	TSLRCGACIRRP
P08238-16	P0DTD1-789	?LFENK	PFDLFENK	DGVDVELFENK
P08238-16	P0DTD1-992	LFENK	PFDLFENK	LFENK
P08238-16	P0DTD1-1246	?LFENK	PFDLFENK	VDVELFENK
P08238-16	P0DTD1-1312	?LFENK	PFDLFENK	YTKVDGVDVELFENK
P07196-13	P0DTC1-333	EEVLS	QARYEEVLS	EEVLS
P07196-13	P0DTC1-461	EEVLS	QARYEEVLS	GFGDSVEEVLS
P07196-13	P0DTC1-1204	EEVLS	QARYEEVLS	VLVRGFGDSVEEVLS
P07196-13	P0DTC1-1219	EEVLS	QARYEEVLS	VRGFGDSVEEVLS
Q13813-24	P0DTC1-505	??KAGQK	QSRIDALEKAGQK	HLYFDKAGQK
Q13813-24	P0DTC1-1015	??KAGQK	QSRIDALEKAGQK	SIHLYFDKAGQK
Q13813-24	P0DTC1-1260	??KAGQK	QSRIDALEKAGQK	YFDKAGQK
P09543-16	P0DTD1-274	??GKPVP	RAIFTGYYGKGKPVP	DASGKPVP
P09543-16	P0DTC1-256	??GKPVP	RAIFTGYYGKGKPVP	DASGKPVP
P09543-16	P0DTC1-314	??GKPVP	RAIFTGYYGKGKPVP	ECTIFKDASGKPVP
P09543-16	P0DTC1-1010	?GKPVP	RAIFTGYYGKGKPVP	SGKPVP
Q9BZR6-16	P0DTC2-29	LQELG	RCGLQELG	SLIDLQELG
Q9BZR6-16	P0DTC2-61	LQELG	RCGLQELG	ESLIDLQELG
Q9BZR6-16	P0DTC2-202	LQELG	RCGLQELG	LIDLQELG
Q9BZR6-16	P0DTC2-246	LQELG	RCGLQELG	LNEVAKNLNESLIDLQELG
Q9BZR6-16	P0DTC2-277	LQELG	RCGLQELG	SLIDLQELG
Q9BZR6-16	P0DTC2-509	LQELG	RCGLQELG	LNESLIDLQELG
P10809-15	P0DTD1-715	KGVIT	SDAMKKVGRKGVIT	YKGVITHDV
P10809-15	P0DTD1-1111	K??KGVIT	SDAMKKVGRKGVIT	QCFKMFYKGVITHDV
P23297-4	P0DTD1-795	VAALT	VAALT	DKRTTCFSVAALT
P23297-4	P0DTD1-1012	VAALT	VAALT	LLDKRTTCFSVAALT
P23297-4	P0DTD1-1150	VAALT	VAALT	RTTCFSVAALT
P23297-4	P0DTD1-1189	VAALT	VAALT	TCFSVAALT
P08238-20	P0DTC1-31	??SAFVE	VANSFAFVER	ILASFASSTSAFVET
P08238-20	P0DTC1-208	??SAFVE?	VANSFAFVER	ASFASSTSAFVET
P08238-20	P0DTC1-211	??SAFVE?	VANSFAFVER	ASTSAFVET
P09972-8	P0DTC5-13	VLA	VLA	TLACFVLA
P09972-8	P0DTC5-22	VLA	VLA	FLWLLWPVTLACFVLA

P09972-8	P0DTC5-101	LAAYV?	VLAAYVKALSDHHVY	LAAYVRINW
P09972-8	P0DTC5-105	VLAAY	VLAAYVKALSDHHVY	LLWPVTLACFVLAAY
P29401-26	P0DTD1-255	AEAEL	VWAEAGFLAEAELLN	AEAELAKNV
P29401-26	P0DTC1-129	AEAEL	VWAEAGFLAEAELLN	TLVATAEAELAKNVSL
P29401-26	P0DTC1-212	AEAEL	VWAEAGFLAEAELLN	ATAEAELAKNVSLDN
P29401-26	P0DTC1-787	AEAEL	VWAEAGFLAEAELLN	LVATAEAELAKNVSL
P29401-26	P0DTC1-802	AEAEL	VWAEAGFLAEAELLN	MEKLKTLVATAEAEL
P09972-9	P0DTC1-872	VTALR	YTPEEIAMATVTALR	NSPNLAWPLIVTALR
P09972-9	P0DTC1-903	VTALR	YTPEEIAMATVTALR	PNLAWPLIVTALRAN
P09543-19	P0DTD1-274	??GKPVP	YYGKGKPVPTQGSRK	DASGKPVVPY
P09543-19	P0DTC1-256	??GKPVP	YYGKGKPVPTQGSRK	DASGKPVVPYCYDTNV
P09543-19	P0DTC1-314	??GKPVP	YYGKGKPVPTQGSRK	ECTIFKDASGKPVVPY
P09543-19	P0DTC1-1010	?GKPVP	YYGKGKPVPTQGSRK	SGKPVVPYCYDTNVLE
P01042-2	P0DTC1-102	AVDAA	DKDLFKAVDAALKK	LSFCFAVDAAKAY
P05783-19	P0DTC9-332	G???AS??SSRS	FGGPGTASRPSSRS	LPQGTTLPGFYAEGSRGGSQASSRSSSRSRNSSRNSTP
P05783-19	P0DTC9-441	AS??SSRS	FGGPGTASRPSSRS	ASSRSSSRSRNSSRN
P05783-19	P0DTC9-454	G???AS??SSRS	FGGPGTASRPSSRS	GGSQASSRSSSRSRN
P05783-19	P0DTC9-501	G???AS??SSRS	FGGPGTASRPSSRS	SRGGSQASSRSSRS
P05783-19	P0DTC9-502	SSRS	FGGPGTASRPSSRS	SRSSSRSRNSSRNST
P01042-3	P0DTC1-102	AVDAA	NDKDLFKAVDAALKK	LSFCFAVDAAKAY
P05783-20	P0DTC1-80	LGSAL	SLGSALRPSTSR	GMNGRTILGSALLED
P05783-20	P0DTC1-560	LGSAL	SLGSALRPSTSR	ILGSALLEDEFTPF
P05783-20	P0DTC1-839	LGSAL	SLGSALRPSTSR	NGRTILGSALLEDEF
P05783-20	P0DTC1-973	LGSAL	SLGSALRPSTSR	RTILGSALLEDEFTP
P05783-21	P0DTC1-80	LGSAL	SLGSALRPSTSRSLY	GMNGRTILGSALLED
P05783-21	P0DTC1-560	LGSAL	SLGSALRPSTSRSLY	ILGSALLEDEFTPF
P05783-21	P0DTC1-839	LGSAL	SLGSALRPSTSRSLY	NGRTILGSALLEDEF
P05783-21	P0DTC1-973	LGSAL	SLGSALRPSTSRSLY	RTILGSALLEDEFTP
P62736-6	P0DTC1-501	EKSYE	SSSSLEKSYELPDGQVI	HEIAWYTERSEKSYE
Q16695-3	P0DTC8-7	ARKSA	VARKSAPATGGVKKPHRYRPG TVAL	FYSKWYIRVGARKSA
P01042-4	P0DTC1-102	AVDAA	DKDLFKAVDAALKKYN	LSFCFAVDAAKAY
A0A0C4DGB6-15	P0DTC1-34	TFLKK	DNEETFLKKYLYEIARRHP	ITFLKKDAPYIVGDV

A0A0C4DGB6-15	P0DTC1-214	D???TFLKK	DNEETFLKKYLYEIARRHP	ATLVSDIDITFLKKD
A0A0C4DGB6-15	P0DTC1-535	TFLKK	DNEETFLKKYLYEIARRHP	IDITFLKKDAPYIVG
A0A0C4DGB6-15	P0DTC1-791	D???TFLKK	DNEETFLKKYLYEIARRHP	LVSDIDITFLKKDAP
A0A0C4DGB6-15	P0DTC1-988	D???TFLKK	DNEETFLKKYLYEIARRHP	SDIDITFLKKDAPYI
P01042-5	P0DTC1-102	AVDAA	NDKDLFKAVDAALKKYN	LSFCAFAVDAAKAY
P11586-2	P0DTD1-377	QVNGL	FYDIDLDPETEQVNGLF	NHTKKWKYPQVNGLT
P11586-2	P0DTD1-461	QVNGL	FYDIDLDPETEQVNGLF	YPQVNGLTSI
P11586-2	P0DTD1-543	QVNGL	FYDIDLDPETEQVNGLF	KYPQVNGLTSIKWAD
P11586-2	P0DTC1-142	QVNGL	FYDIDLDPETEQVNGLF	YPQVNGLTSIKWAD
P11586-2	P0DTC1-633	QVNGL	FYDIDLDPETEQVNGLF	KKWKYPQVNGLTSIK
P11586-2	P0DTC1-749	QVNGL	FYDIDLDPETEQVNGLF	LNHTKKWKYPQVNGL
P11586-2	P0DTC1-953	QVNGL	FYDIDLDPETEQVNGLF	QVNGLTSIKWADNNC
P11586-2	P0DTC1-1245	QVNGL	FYDIDLDPETEQVNGLF	WKYPQVNGLTSIKWA
Q86V81-2	P0DTD1-51	LDAYN	SAEELDAQLDAYNARMDTS	LDAYNMMISAGFSLW
Q86V81-2	P0DTD1-119	LDAYN	SAEELDAQLDAYNARMDTS	YLDAYNMMI
Q86V81-2	P0DTD1-902	A?E????LDAYN	SAEELDAQLDAYNARMDTS	HANEYRLYLDAYNMM
Q86V81-2	P0DTD1-1045	LDAYN	SAEELDAQLDAYNARMDTS	LYLDAYNMMISAGFS
Q86V81-2	P0DTD1-1135	A?E????LDAYN	SAEELDAQLDAYNARMDTS	RHHANEYRLYLDAYN
P08575-3	P0DTC1-1072	???KALRK	DIFQVVKALRK	TEMLAKALRKVPTDN
P08575-4	P0DTC1-1072	???KALRK	DIFQVVKALRKA	TEMLAKALRKVPTDN
P08575-5	P0DTC1-1072	???KALRK	DIFQVVKALRKARP	TEMLAKALRKVPTDN
P08575-6	P0DTC1-1072	???KALRK	DIFQVVKALRKARPG	TEMLAKALRKVPTDN
Q00653	P0DTC1-265	DFKLN	NPGLDGIIEYDDFKLNSS	DFKLNEEIAILASF
Q00653	P0DTC1-661	DFKLN	NPGLDGIIEYDDFKLNSS	KVNINIVGDFKLNEE
Q00653	P0DTC1-848	DFKLN	NPGLDGIIEYDDFKLNSS	NINIVGDFKLNEEIA
Q00653	P0DTC1-851	DFKLN	NPGLDGIIEYDDFKLNSS	NIVGDFKLNEEIAII
Q00653	P0DTC1-1182	DFKLN	NPGLDGIIEYDDFKLNSS	VGDFKLNEEIAIILA
P08575-7	P0DTC1-1072	???KALRK	VDIFQVVKALRKARP	TEMLAKALRKVPTDN
P08575-8	P0DTC1-1072	???KALRK	VDIFQVVKALRKARPG	TEMLAKALRKVPTDN
P08575-9	P0DTC1-1072	???KALRK	VVDIFQVVKALRKA	TEMLAKALRKVPTDN
P08575-10	P0DTC1-1072	???KALRK	VVDIFQVVKALRKARP	TEMLAKALRKVPTDN
I3L0Y5-1	P0DTC2-13	?GAGAA	DIDTAAKFIGAGAA TVGVAG	GWTFGAGAA LQIPFA
I3L0Y5-1	P0DTC2-41	GAGAA	DIDTAAKFIGAGAA TVGVAG	GAGAA LQIPFAMQMA

I3L0Y5-1	P0DTC2-400	T????GAGAA	DIDTAAKFI GAGA ATVGVAG	TITSGWTF GAGAA LQ
I3L0Y5-1	P0DTC2-684	?GAGAA	DIDTAAKFI GAGA ATVGVAG	WTF GAGAA L
I3L0Y5-1	P0DTC2-965	?GAGAA	DIDTAAKFI GAGA ATVGVAG	F GAGAA LQIPFAMQM
K7ERT8-2	P0DTC8-3	RKSAP	RRQPKYP RKSAP R	RVGARK SAP L
K7ERT8-2	P0DTC8-9	RKSAP	RRQPKYP RKSAP R	SKWYIRVGARK SAP L
K7ERT8-2	P0DTC8-11	RKSAP	RRQPKYP RKSAP R	YIRVGARK SAP LIEL
K7ERT8-2	P0DTC8-12	RKSAP	RRQPKYP RKSAP R	A RKSAP LIELCVDEA
K7ERT8-2	P0DTC8-68	RKSAP	RRQPKYP RKSAP R	GARK SAP LIELCVDE
K7ERT8-2	P0DTC8-82	RKSAP	RRQPKYP RKSAP R	RVGARK SAP LIELCV
P05783-23	P0DTC1-80	LGSAL	SLGSALRPSTS	GMNGRTL LGSAL LED
P05783-23	P0DTC1-560	LGSAL	SLGSALRPSTS	IL LGSAL LEDEFTPF
P05783-23	P0DTC1-839	LGSAL	SLGSALRPSTS	NGRTL LGSAL LEDEF
P05783-23	P0DTC1-973	LGSAL	SLGSALRPSTS	RTL LGSAL LEDEFTP
H7C2W9-7	P0DTC2-137	VTYVP	SPNKLYTL VTYVP VTTF	H VTYVP PAQEKNF
H7C2W9-7	P0DTC2-212	????VTYVP	SPNKLYTL VTYVP VTTF	APHGVVFLH VTYVP PAQEKNF
H7C2W9-7	P0DTC2-306	????VTYVP	SPNKLYTL VTYVP VTTF	APHGVVFLH VTYVP A
H7C2W9-7	P0DTC2-422	VTYVP	SPNKLYTL VTYVP VTTF	VTYVP PAQEK
H7C2W9-7	P0DTC2-565	VTYVP	SPNKLYTL VTYVP VTTF	VTYVP PAQEKNF
H7C2W9-7	P0DTC2-615	VTYVP	SPNKLYTL VTYVP VTTF	H VTYVP PAQEK
Q5RI18-3	P0DTC5-21	EE??KLLEQ?	VELQKEEAQ KLLEQ Y	EELK KLLEQ WNLVIGFLF
Q5RI18-3	P0DTC5-35	KLLEQ?	VELQKEEAQ KLLEQ Y	KLLEQ WNLV
Q5RI18-3	P0DTC5-39	EE??KLLEQ	VELQKEEAQ KLLEQ Y	MADSNGTITVEELK KLLEQ
Q5RI18-3	P0DTC5-71	?KLLEQ?	VELQKEEAQ KLLEQ Y	LK KLLEQ WNLVIGFL
Q5RI18-3	P0DTC5-79	EE??KLLEQ	VELQKEEAQ KLLEQ Y	NGTITVEELK KLLEQ
Q5RI18-3	P0DTC5-93	EE??KLLEQ?	VELQKEEAQ KLLEQ Y	EELK KLLEQ WNLVIG
Q5RI18-3	P0DTC5-158	EE??KLLEQ?	VELQKEEAQ KLLEQ Y	GTITVEELK KLLEQ WN
Q5RI18-3	P0DTC5-163	EE??KLLEQ?	VELQKEEAQ KLLEQ Y	ITVEELK KLLEQ WNLV
Q5RI18-3	P0DTC5-173	EE??KLLEQ?	VELQKEEAQ KLLEQ Y	MADSNGTITVEELK KLLEQ WNLVI
Q5RI18-3	P0DTC5-174	EE??KLLEQ?	VELQKEEAQ KLLEQ Y	NGTITVEELK KLLEQ W
Q5RI18-3	P0DTC5-180	EE??KLLEQ	VELQKEEAQ KLLEQ Y	SNGTITVEELK KLLEQ
Q5RI18-3	P0DTC5-185	EE??KLLEQ?	VELQKEEAQ KLLEQ Y	TITVEELK KLLEQ WNL
Q5RI18-3	P0DTC5-188	EE??KLLEQ?	VELQKEEAQ KLLEQ Y	TVEELK KLLEQ WNLVI
Q5RI18-3	P0DTC5-201	EE??KLLEQ?	VELQKEEAQ KLLEQ Y	MADSNGTITVEELK KLLEQ WN

O43318-1	P0DTC2-68	?TNTSN?	ASTNTSNKSDTN	GTNTSNQVAVLYQDV
O43318-1	P0DTC2-116	?TNTSN?	ASTNTSNKSDTN	VSVITPGTNTSNQVA
O43318-1	P0DTC2-232	?TNTSN?	ASTNTSNKSDTN	GVSVITPGTNTSNQVAVLYQ
O43318-1	P0DTC2-480	?TNTSN?	ASTNTSNKSDTN	GGVSVITPGTNTSNQ
O43318-1	P0DTC2-561	?TNTSN?	ASTNTSNKSDTN	VITPGTNTSNQVAVL
O43318-1	P0DTC2-1048	?TNTSN?	ASTNTSNKSDTN	ITPGTNTSNQVA
O43318-1	P0DTC2-1262	?TNTSN?	ASTNTSNKSDTN	TPGTNTSNQVAVLYQ
O43318-2	P0DTC2-68	?TNTSN?	DIASNTSNKSD	GTNTSNQVAVLYQDV
O43318-2	P0DTC2-116	?TNTSN?	DIASNTSNKSD	VSVITPGTNTSNQVA
O43318-2	P0DTC2-232	?TNTSN?	DIASNTSNKSD	GVSVITPGTNTSNQVAVLYQ
O43318-2	P0DTC2-480	?TNTSN?	DIASNTSNKSD	GGVSVITPGTNTSNQ
O43318-2	P0DTC2-561	?TNTSN?	DIASNTSNKSD	VITPGTNTSNQVAVL
O43318-2	P0DTC2-1048	?TNTSN?	DIASNTSNKSD	ITPGTNTSNQVA
O43318-2	P0DTC2-1262	?TNTSN?	DIASNTSNKSD	TPGTNTSNQVAVLYQ
O43318-2	P0DTC1-533	DIAS?T	DIASNTSNKSD	IDGGVTRDIASDTC
O43318-3	P0DTC2-68	?TNTSN?	FMDIASNTSNK	GTNTSNQVAVLYQDV
O43318-3	P0DTC2-116	?TNTSN?	FMDIASNTSNK	VSVITPGTNTSNQVA
O43318-3	P0DTC2-232	?TNTSN?	FMDIASNTSNK	GVSVITPGTNTSNQVAVLYQ
O43318-3	P0DTC2-480	?TNTSN?	FMDIASNTSNK	GGVSVITPGTNTSNQ
O43318-3	P0DTC2-561	?TNTSN?	FMDIASNTSNK	VITPGTNTSNQVAVL
O43318-3	P0DTC2-1048	?TNTSN?	FMDIASNTSNK	ITPGTNTSNQVA
O43318-3	P0DTC2-1262	?TNTSN?	FMDIASNTSNK	TPGTNTSNQVAVLYQ
O43318-3	P0DTC1-533	DIAS?T	FMDIASNTSNK	IDGGVTRDIASDTC
Q7L8L6	P0DTD1-532	TSSSK	GLEFSKTSSSKA	DAVTAYNGYLTSSSK
Q7L8L6	P0DTC1-123	TSSSK	GLEFSKTSSSKA	TAYNGYLTSSSKTP
Q7L8L6	P0DTC1-223	TSSSK	GLEFSKTSSSKA	AVTAYNGYLTSSSKT
Q7L8L6	P0DTC1-497	TSSSK	GLEFSKTSSSKA	GYLTSSSKTPEEHFI
Q7L8L6	P0DTC1-784	TSSSK	GLEFSKTSSSKA	LTSSSKTPEEHFIET
Q7L8L6	P0DTC1-1057	TSSSK	GLEFSKTSSSKA	TAYNGYLTSSSKTPE
Q7L8L6	P0DTC1-1282	TSSSK	GLEFSKTSSSKA	YNGYLTSSSKTPEEH
Q15052	P0DTC1-398	F?ITGNT	GNDCTFEITGNT	EYCPIFFITGNTLQC
Q15052	P0DTC1-541	F?ITGNT	GNDCTFEITGNT	IFFITGNTLQCIMLV
O43318-4	P0DTC2-68	?TNTSN?	IASNTSNKSDT	GTNTSNQVAVLYQDV

O43318-4	P0DTC2-116	?TNTSN?	IASTNTSNKSDT	VSVITPGTNTSNQVA
O43318-4	P0DTC2-232	?TNTSN?	IASTNTSNKSDT	GVSVITPGTNTSNQVAVLYQ
O43318-4	P0DTC2-480	?TNTSN?	IASTNTSNKSDT	GGVSVITPGTNTSNQ
O43318-4	P0DTC2-561	?TNTSN?	IASTNTSNKSDT	VITPGTNTSNQVAVL
O43318-4	P0DTC2-1048	?TNTSN?	IASTNTSNKSDT	ITPGTNTSNQVA
O43318-4	P0DTC2-1262	?TNTSN?	IASTNTSNKSDT	TPGTNTSNQVAVLYQ
P25440	P0DTC1-538	KKGAK	KKGAKLAALQGS	IDYKHYTPSFKKGAK
P57073	P0DTC9-106	APSAS	KSAPSASASPTTE	YKHWPQIAQFAPSAS
P57073	P0DTC9-405	PSASA	KSAPSASASPTTE	PSASAFFGMSRIGMEVTPS
P11161-1	P0DTC9-3	APSAS	KSSAPSASVPA	APSASAFFGM
P11161-1	P0DTC9-4	APSAS	KSSAPSASVPA	AQFAPSASA
P11161-1	P0DTC9-5	APSAS	KSSAPSASVPA	AQFAPSASAFFGMSR
P11161-1	P0DTC9-38	APSAS	KSSAPSASVPA	FAPSASAFF
P11161-1	P0DTC9-73	APSAS	KSSAPSASVPA	WPQIAQFAPSASAFF
P11161-1	P0DTC9-103	APSAS	KSSAPSASVPA	QFAPSASAFFGMSRI
P11161-1	P0DTC9-106	APSAS	KSSAPSASVPA	YKHWPQIAQFAPSAS
P11161-1	P0DTC9-107	APSAS	KSSAPSASVPA	AQFAPSASAF
P11161-1	P0DTC9-178	APSAS	KSSAPSASVPA	QFAPSASAFF
P11161-1	P0DTC9-440	APSAS	KSSAPSASVPA	APSASAFFGMSRIGM
P11161-1	P0DTC9-461	APSAS	KSSAPSASVPA	IAQFAPSASAFFGMS
Q75MD7-2	P0DTC2-13	?GAGAA	LGAGAAGGGGAG	GWTFGAGAALQIPFA
Q75MD7-2	P0DTC2-41	GAGAA	LGAGAAGGGGAG	GAGAALQIPFAMQMA
Q75MD7-2	P0DTC2-400	?GAGAA	LGAGAAGGGGAG	TITSGWTFGAGAALQ
Q75MD7-2	P0DTC2-684	?GAGAA	LGAGAAGGGGAG	WTFGAGAAL
Q75MD7-2	P0DTC2-965	?GAGAA	LGAGAAGGGGAG	FGAGAALQIPFAMQM
O43318-5	P0DTC2-68	?TNTSN?	MDIASTNTSNKS	GTNTSNQVAVLYQDV
O43318-5	P0DTC2-116	?TNTSN?	MDIASTNTSNKS	VSVITPGTNTSNQVA
O43318-5	P0DTC2-232	?TNTSN?	MDIASTNTSNKS	GVSVITPGTNTSNQVAVLYQ
O43318-5	P0DTC2-480	?TNTSN?	MDIASTNTSNKS	GGVSVITPGTNTSNQ
O43318-5	P0DTC2-561	?TNTSN?	MDIASTNTSNKS	VITPGTNTSNQVAVL
O43318-5	P0DTC2-1048	?TNTSN?	MDIASTNTSNKS	ITPGTNTSNQVA
O43318-5	P0DTC2-1262	?TNTSN?	MDIASTNTSNKS	TPGTNTSNQVAVLYQ
O43318-5	P0DTC1-533	DIAS?T	MDIASTNTSNKS	IDGGVTRDIASDTC

Q9ULK6	P0DTC2-13	GAGAA	PDPGAGAAAGGGG	GWTFGAGAAALQIPFA
Q9ULK6	P0DTC2-41	GAGAA	PDPGAGAAAGGGG	GAGAAALQIPFAMQMA
Q9ULK6	P0DTC2-400	GAGAA	PDPGAGAAAGGGG	TITSGWTFGAGAAALQ
Q9ULK6	P0DTC2-684	GAGAA	PDPGAGAAAGGGG	WTFGAGAAAL
Q9ULK6	P0DTC2-965	GAGAA	PDPGAGAAAGGGG	FGAGAAALQIPFAMQM
Q6ZV29	P0DTC1-351	KKPAS	QGPSKKPASA	LNQLTGYKKPASREL
Q6ZV29	P0DTC1-53	KKPAS	QGPSKKPASA	GYKKPASRELKVTF
Q6ZV29	P0DTC1-159	KKPAS	QGPSKKPASA	ADDLNQLTGYKKPAS
Q6ZV29	P0DTC1-283	KKPAS	QGPSKKPASA	DLNQLTGYKKPASRE
O43318-6	P0DTC2-68	?TNTSN	SFMDIASTNTSN	GTNTSNQVAVLYQDV
O43318-6	P0DTC2-116	?TNTSN	SFMDIASTNTSN	VSVITPGTNTSNQVA
O43318-6	P0DTC2-232	?TNTSN	SFMDIASTNTSN	GVSVITPGTNTSNQVAVLYQ
O43318-6	P0DTC2-480	?TNTSN	SFMDIASTNTSN	GGVSVITPGTNTSNQ
O43318-6	P0DTC2-561	?TNTSN	SFMDIASTNTSN	VITPGTNTSNQVAVL
O43318-6	P0DTC2-1048	?TNTSN	SFMDIASTNTSN	ITPGTNTSNQVA
O43318-6	P0DTC2-1262	?TNTSN	SFMDIASTNTSN	TPGTNTSNQVAVLYQ
O43318-6	P0DTC1-533	DIAS?T	SFMDIASTNTSN	IDGGVTRDIASDTC
O43318-7	P0DTC2-68	?TNTSN?	STNTSNKSDTNM	GTNTSNQVAVLYQDV
O43318-7	P0DTC2-116	?TNTSN?	STNTSNKSDTNM	VSVITPGTNTSNQVA
O43318-7	P0DTC2-232	?TNTSN?	STNTSNKSDTNM	GVSVITPGTNTSNQVAVLYQ
O43318-7	P0DTC2-480	?TNTSN?	STNTSNKSDTNM	GGVSVITPGTNTSNQ
O43318-7	P0DTC2-561	?TNTSN?	STNTSNKSDTNM	VITPGTNTSNQVAVL
O43318-7	P0DTC2-1048	?TNTSN?	STNTSNKSDTNM	ITPGTNTSNQVA
O43318-7	P0DTC2-1262	?TNTSN?	STNTSNKSDTNM	TPGTNTSNQVAVLYQ
Q8WXI7-1	P0DTC1-176	STVLS	STVLSGVPTGAT	AGNATEVPANSTVLS
P34903	P0DTC9-3	APSAS?	TISKGAAPSASS	APSASAFFGM
P34903	P0DTC9-4	APSAS?	TISKGAAPSASS	AQFAPSASA
P34903	P0DTC9-5	APSAS?	TISKGAAPSASS	AQFAPSASAFFGMSR
P34903	P0DTC9-38	APSAS?	TISKGAAPSASS	FAPSASAFF
P34903	P0DTC9-73	APSAS?	TISKGAAPSASS	WPQIAQFAPSASAFF
P34903	P0DTC9-103	APSAS?	TISKGAAPSASS	QFAPSASAFFGMSRI
P34903	P0DTC9-106	APSAS	TISKGAAPSASS	YKHWPQIAQFAPSAS
P34903	P0DTC9-107	APSAS?	TISKGAAPSASS	AQFAPSASAF

P34903	P0DTC9-178	APSAS?	TISKGA APSASS	QF APSAS AFF
P34903	P0DTC9-440	APSAS?	TISKGA APSASS	APSAS AFFGMSRIGM
P34903	P0DTC9-461	APSAS?	TISKGA APSASS	IAQF APSAS AFFGMS
P01042-6	P0DTC1-102	AVDAA	DKDLFK AVDA ALKKYN	LSFCAF AVDA AKAY
P01042-7	P0DTC1-102	AVDAA	DLFK AVDA ALKK	LSFCAF AVDA AKAY
A0A0C4DGB6-21	P0DTC1-34	TFLKK	DNEET TFLKK YLYEIARRHPY	IT TFLKK DAPYIVGDV
A0A0C4DGB6-21	P0DTC1-214	D???TFLKK	DNEET TFLKK YLYEIARRHPY	ATLVSDIDI TFLKK D
A0A0C4DGB6-21	P0DTC1-535	TFLKK	DNEET TFLKK YLYEIARRHPY	IDIT TFLKK DAPYIVG
A0A0C4DGB6-21	P0DTC1-791	D???TFLKK	DNEET TFLKK YLYEIARRHPY	LVSDIDI TFLKK DAP
A0A0C4DGB6-21	P0DTC1-988	D???TFLKK	DNEET TFLKK YLYEIARRHPY	SDIDI TFLKK DAPYI
P05783-24	P0DTC9-332	G???AS??SSRS	GGPGTASRP SSRS YVTTSTRY	LPQGTTLPGKYAEGSRGGSQASSR SSRS RNSSRNSTP
P05783-24	P0DTC9-441	AS??SSRS	GGPGTASRP SSRS YVTTSTRY	ASSR SSRS RNSSRN
P05783-24	P0DTC9-454	G???AS??SSRS	GGPGTASRP SSRS YVTTSTRY	GGSQASSR SSRS RN
P05783-24	P0DTC9-501	G???AS??SSRS	GGPGTASRP SSRS YVTTSTRY	SRGGSQASSR SSRS
P05783-24	P0DTC9-502	SSRS	GGPGTASRP SSRS YVTTSTRY	SR SSRS RNSSRNST
P01042-8	P0DTC1-102	AVDAA	KDLFK AVDA ALKKYN	LSFCAF AVDA AKAY
H7C2W9-8	P0DTC2-137	VTYVP	KLYTL VTYVP VTTF	H VTYVP PAQEKNF
H7C2W9-8	P0DTC2-212	???VTYVP	KLYTL VTYVP VTTF	APHGVVFLH VTYVP PAQEKNF
H7C2W9-8	P0DTC2-306	???VTYVP	KLYTL VTYVP VTTF	APHGVVFLH VTYVP A
H7C2W9-8	P0DTC2-422	VTYVP	KLYTL VTYVP VTTF	VTYVP PAQEK
H7C2W9-8	P0DTC2-565	VTYVP	KLYTL VTYVP VTTF	VTYVP PAQEKNF
H7C2W9-8	P0DTC2-615	VTYVP	KLYTL VTYVP VTTF	H VTYVP PAQEK
P69905-29	P0DTC4-1	LVTLA	LVTLA AHLPAEFTPAVHASLDK F	FL LVTLA IL
P69905-29	P0DTC4-2	LVTLA	LVTLA AHLPAEFTPAVHASLDK F	FL LVTLA IL
P01042-9	P0DTC1-102	AVDAA	NDKDLFK AVDA ALKKYN	LSFCAF AVDA AKAY
P30153	P0DTD1-1185	RFNVA	NVR RFNVA SLQKIGPI	TAHSCNVN RFNVA IT
P30153	P0DTC1-46	?NVAKS	NVR RFNVA SLQKIGPI	VLKKLKKSL NVAKSE
P30153	P0DTC1-89	?NVAKS	NVR RFNVA SLQKIGPI	KLKKSL NVAKSE FDRD
P30153	P0DTC1-656	?NVAKS	NVR RFNVA SLQKIGPI	KSL NVAKSE FDRDAA
P30153	P0DTC1-714	?NVAKS	NVR RFNVA SLQKIGPI	LKKSL NVAKSE FDRD
P47914-2	P0DTD1-819	KPRSQ	RKWHRNGIK KPRSQ RY	EF KPRSQ MEIDFLEL

P47914-2	P0DTD1-969	KPRSQ	RKWHNRNGIK KPRSQ RY	KPRSQ MEIDFLELAM
P47914-2	P0DTD1-1023	KPRSQ	RKWHNRNGIK KPRSQ RY	LQEF KPRSQ MEIDFL
P47914-2	P0DTD1-1127	KPRSQ	RKWHNRNGIK KPRSQ RY	QSRNLQEF KPRSQ ME
P47914-2	P0DTD1-1144	KPRSQ	RKWHNRNGIK KPRSQ RY	RNLQEF KPRSQ MEID
K7ERT8-4	P0DTC8-3	RKSAP	RLRRQPKYP RKSAP R	RVGARK SAP L
K7ERT8-4	P0DTC8-9	RKSAP	RLRRQPKYP RKSAP R	SKWYIRVGARK SAP L
K7ERT8-4	P0DTC8-11	RKSAP	RLRRQPKYP RKSAP R	YIRVGARK SAP LIEL
K7ERT8-4	P0DTC8-12	RKSAP	RLRRQPKYP RKSAP R	ARKSAP LIELCVDEA
K7ERT8-4	P0DTC8-68	RKSAP	RLRRQPKYP RKSAP R	GARK SAP LIELCVDE
K7ERT8-4	P0DTC8-82	RKSAP	RLRRQPKYP RKSAP R	RVGARK SAP LIELCV
C9JXB8-4	P0DTD1-330	SFSGY	SFSGY KIYPGHGRRYARTDGKV F	IEVNS SFSGY
C9JXB8-4	P0DTD1-504	SFSGY	SFSGY KIYPGHGRRYARTDGKV F	NS SFSGY LKL
C9JXB8-4	P0DTD1-518	SFSGY	SFSGY KIYPGHGRRYARTDGKV F	TIEVNS SFSGY
C9JXB8-4	P0DTD1-710	SFSGY	SFSGY KIYPGHGRRYARTDGKV F	VQTIEVNS SFSGY
C9JXB8-4	P0DTC1-41	SFSGY	SFSGY KIYPGHGRRYARTDGKV F	NS SFSGY LKLTDNVYI
C9JXB8-4	P0DTC1-391	SFSGY	SFSGY KIYPGHGRRYARTDGKV F	EVNS SFSGY LKLTDNV
C9JXB8-4	P0DTC1-920	SFSGY	SFSGY KIYPGHGRRYARTDGKV F	PVVQTIEVNS SFSGY L
C9JXB8-4	P0DTC1-1217	SFSGY	SFSGY KIYPGHGRRYARTDGKV F	VQTIEVNS SFSGY LKL
C9JXB8-5	P0DTD1-330	SFSGY	SFSGY KIYPGHGRRYARTDGKV FQF	IEVNS SFSGY
C9JXB8-5	P0DTD1-504	SFSGY	SFSGY KIYPGHGRRYARTDGKV FQF	NS SFSGY LKL
C9JXB8-5	P0DTD1-518	SFSGY	SFSGY KIYPGHGRRYARTDGKV FQF	TIEVNS SFSGY

C9JXB8-5	P0DTD1-710	SFSGY	SFSGYKIYPGHGRRYARTDGKV FQF	VQTIEVNSFSGY
C9JXB8-5	P0DTC1-41	SFSGY	SFSGYKIYPGHGRRYARTDGKV FQF	NSFSGYLKLTDNVYI
C9JXB8-5	P0DTC1-391	SFSGY	SFSGYKIYPGHGRRYARTDGKV FQF	EVNSFSGYLKLTDNV
C9JXB8-5	P0DTC1-920	SFSGY	SFSGYKIYPGHGRRYARTDGKV FQF	PVVQTIEVNSFSGYL
C9JXB8-5	P0DTC1-1217	SFSGY	SFSGYKIYPGHGRRYARTDGKV FQF	VQTIEVNSFSGYLKL
K7ERT8-6	P0DTC8-3	RKSAP	TLRLRRQPKYP RKSAPRRNKLD HY	RVGAR KSA PL
K7ERT8-6	P0DTC8-9	RKSAP	TLRLRRQPKYP RKSAPRRNKLD HY	SKWYIRVGAR KSA PL
K7ERT8-6	P0DTC8-11	RKSAP	TLRLRRQPKYP RKSAPRRNKLD HY	YIRVGAR KSA PLIEL
K7ERT8-6	P0DTC8-12	RKSAP	TLRLRRQPKYP RKSAPRRNKLD HY	A R KSA PLIELCVDEA
K7ERT8-6	P0DTC8-68	RKSAP	TLRLRRQPKYP RKSAPRRNKLD HY	GAR KSA PLIELCVDE
K7ERT8-6	P0DTC8-82	RKSAP	TLRLRRQPKYP RKSAPRRNKLD HY	RVGAR KSA PLIELCV
P08575-11	P0DTC1-1072	???KALRK	VDIFQVV KALRK	TEMLA KALRK VPTDN
P08575-12	P0DTC1-1072	???KALRK	VVDIFQVV KALRK	TEMLA KALRK VPTDN
P37108-3	P0DTC5-36	LLESE	V LLESE QFLTE	LLESELVIGAVILRGHLR
P37108-3	P0DTC5-64	LLESE	V LLESE QFLTE	HGTILTRP LLESELV
P37108-3	P0DTC5-72	LLESE	V LLESE QFLTE	LLESELVIGAVILRG
P37108-3	P0DTC5-76	LLESE	V LLESE QFLTE	LTRP LLESELVIGAV
P37108-3	P0DTC5-97	LLESE	V LLESE QFLTE	GTILTRP LLESELVI
P37108-3	P0DTC5-117	LLESE	V LLESE QFLTE	RP LLESEL
P37108-3	P0DTC5-118	LLESE	V LLESE QFLTE	RP LLESELVIGAVIL
P37108-3	P0DTC5-214	LLESE	V LLESE QFLTE	PLHGTILTRP LLESE
P37108-3	P0DTC5-216	LLESE	V LLESE QFLTE	TILTRP LLESELVIG

P05783-26	P0DTC1-80	LGSAL	SLGSALRPSTSRSLYA	GMNGRTILGSALLED
P05783-26	P0DTC1-560	LGSAL	SLGSALRPSTSRSLYA	ILGSALLEDEFTPF
P05783-26	P0DTC1-839	LGSAL	SLGSALRPSTSRSLYA	NGRTILGSALLEDEF
P05783-26	P0DTC1-973	LGSAL	SLGSALRPSTSRSLYA	RTILGSALLEDEFTP
Q13630-17	P0DTC8-3	?VGARK	NVLHSAFEVGARKVV	RVGARKSAPL
Q13630-17	P0DTC8-7	??VGARK	NVLHSAFEVGARKVV	FYSKWYIRVGARKSA
Q13630-17	P0DTC8-9	??VGARK	NVLHSAFEVGARKVV	SKWYIRVGARKSAPL
Q13630-17	P0DTC8-11	??VGARK	NVLHSAFEVGARKVV	YIRVGARKSAPLIEL
Q13630-17	P0DTC8-82	?VGARK	NVLHSAFEVGARKVV	RVGARKSAPLIELCV
P15880-2	P0DTC2-244	SYLTP	DAISKTSYLTPLDW	LHRSYLTPGDSSSGWTAGAA
P15880-2	P0DTC2-254	SYLTP	DAISKTSYLTPLDW	NITRFQTLALHRSYLTPGD
P15880-2	P0DTC2-739	SYLTP	DAISKTSYLTPLDW	ALHRSYLTPGDSSSG
P15880-2	P0DTC2-840	SYLTP	DAISKTSYLTPLDW	LLALHRSYLTPGDSSS
P15880-2	P0DTC2-945	SYLTP	DAISKTSYLTPLDW	QTLALHRSYLTPGDSS
P15880-2	P0DTC2-1039	SYLTP	DAISKTSYLTPLDW	HRSYLTPGDSSS
P15880-2	P0DTC2-1059	SYLTP	DAISKTSYLTPLDW	LALHRSYLTPGD
P15880-2	P0DTC2-1060	SYLTP	DAISKTSYLTPLDW	LALHRSYLTPGDSSSGWT
P15880-2	P0DTC2-1135	SYLTP	DAISKTSYLTPLDW	SYLTPGDSSSGW
P15880-2	P0DTC2-1238	SYLTP	DAISKTSYLTPLDW	QTLALHRSYLTPGD
P15880-2	P0DTC2-1256	SYLTP	DAISKTSYLTPLDW	SYLTPGDSSSGWTAG
P23528-8	P0DTD1-419	KEILV	EEGKEILVGDVGQTVDDPYAT	TLKEILVTY
P23528-8	P0DTD1-536	KEILV	EEGKEILVGDVGQTVDDPYAT	GNCDTLKEILVTYNC
P23528-8	P0DTD1-806	KEILV	EEGKEILVGDVGQTVDDPYAT	DTLKEILVTYNCCDD
P23528-8	P0DTD1-820	KEILV	EEGKEILVGDVGQTVDDPYAT	EGNCDTLKEILVTYN
P23528-8	P0DTD1-855	KEILV	EEGKEILVGDVGQTVDDPYAT	FDEGNCDTLKEILVT
P23528-8	P0DTD1-1004	KEILV	EEGKEILVGDVGQTVDDPYAT	LKEILVTYNCCDDDY
P05164-3	P0DTC2-62	V????DQLTP	VSNEIVRFPTDQLTPD	EVPAIAHADQLTPTW
P05164-3	P0DTC2-173	???IVRFP	VSNEIVRFPTDQLTPD	VQPTESIVRFPNITNLCPF
P05164-3	P0DTC2-221	V????DQLTP	VSNEIVRFPTDQLTPD	DVNCTEVPVAIAHADQLTPTW
P05164-3	P0DTC2-235	?DQLTP	VSNEIVRFPTDQLTPD	IHADQLTPTRVYSTGSNVF
P05164-3	P0DTC2-302	?DQLTP	VSNEIVRFPTDQLTPD	ADQLTPTRVYSTGS
P05164-3	P0DTC2-345	IVRFP	VSNEIVRFPTDQLTPD	IVRFPNITNLCPFGE
P05164-3	P0DTC2-377	V????DQLTP	VSNEIVRFPTDQLTPD	PVAIAHADQLTPTRV

P05164-3	P0DTC2-379	???IVRFP	VSNEIVRFPDQLTPD	QPTESIVRFPNITNL
P05164-3	P0DTC2-393	???IVRFP	VSNEIVRFPDQLTPD	SNFRVQPTESIVRFP
P05164-3	P0DTC2-517	???IVRFP	VSNEIVRFPDQLTPD	NFRVQPTESIVRFPN
P05164-3	P0DTC2-542	?IVRFP	VSNEIVRFPDQLTPD	SIVRFPNITNLCFPG
P05164-3	P0DTC2-619	?DQLTP	VSNEIVRFPTDQLTPD	IHADQLTPTW
P05164-3	P0DTC2-669	???IVRFP	VSNEIVRFPDQLTPD	TESIVRFPNITNL
P05164-3	P0DTC2-673	V????DQLTP	VSNEIVRFPTDQLTPD	VAIHADQLTPTW
P05164-3	P0DTC2-722	V????DQLTP	VSNEIVRFPTDQLTPD	EVPVAIHADQLTPWVRVYSTGNSNVFQTRA
P05164-3	P0DTC2-765	?DQLTP	VSNEIVRFPTDQLTPD	ADQLTPWVRVYSTGSN
P05164-3	P0DTC2-776	V????DQLTP	VSNEIVRFPTDQLTPD	CTEVPVAIHADQLTP
P05164-3	P0DTC2-786	DQLTP	VSNEIVRFPTDQLTPD	DQLTPWVRVYSTGSNV
P05164-3	P0DTC2-796	V????DQLTP	VSNEIVRFPTDQLTPD	EVPVAIHADQLTPWVR
P05164-3	P0DTC2-815	?DQLTP	VSNEIVRFPTDQLTPD	HADQLTPWVRVYSTGS
P05164-3	P0DTC2-822	?DQLTP	VSNEIVRFPTDQLTPD	IHADQLTPWVRVYSTG
P05164-3	P0DTC2-823	?DQLTP	VSNEIVRFPTDQLTPD	IHADQLTPWVRVYSTGNSNVFQTR
P05164-3	P0DTC2-844	V????DQLTP	VSNEIVRFPTDQLTPD	NCTEVPVAIHADQLTP
P05164-3	P0DTC2-863	V????DQLTP	VSNEIVRFPTDQLTPD	PVAIHADQLTPWVRVY
P05164-3	P0DTC2-865	V????DQLTP	VSNEIVRFPTDQLTPD	QDVNCTEVPVAIHADQLTPWVRVYS
P05164-3	P0DTC2-895	V????DQLTP	VSNEIVRFPTDQLTPD	TEVPVAIHADQLTPTW
P05164-3	P0DTC2-905	V????DQLTP	VSNEIVRFPTDQLTPD	VAIHADQLTPWVRVYS
P05164-3	P0DTC2-916	V????DQLTP	VSNEIVRFPTDQLTPD	VPVAIHADQLTPWVRV
P05164-3	P0DTC2-925	???IVRFP	VSNEIVRFPDQLTPD	CTLKSFTVEKGIYQTSNFRVQPTESIVRFPNITNLCFPG
P05164-3	P0DTC2-938	V????DQLTP	VSNEIVRFPTDQLTPD	PVAIHADQLTPWVRVYSTGNSNVFQTRAGCLIGAEHVN NS
P05164-3	P0DTC2-943	?DQLTP	VSNEIVRFPTDQLTPD	IHADQLTPWVRVYSTGS
P05164-3	P0DTC2-985	?DQLTP	VSNEIVRFPTDQLTPD	ADQLTPWVRVYS
P05164-3	P0DTC2-990	?DQLTP	VSNEIVRFPTDQLTPD	AIHADQLTPWVR
P05164-3	P0DTC2-1037	?DQLTP	VSNEIVRFPTDQLTPD	HADQLTPWVRVY
P05164-3	P0DTC2-1045	?DQLTP	VSNEIVRFPTDQLTPD	IHADQLTPWVRV
P05164-3	P0DTC2-1046	?DQLTP	VSNEIVRFPTDQLTPD	IHADQLTPWVRVYSTGSN
P05164-3	P0DTC2-1098	V????DQLTP	VSNEIVRFPTDQLTPD	PVAIHADQLTP
P05164-3	P0DTC2-1100	V????DQLTP	VSNEIVRFPTDQLTPD	QDVNCTEVPVAIHADQLTP
P05164-3	P0DTC2-1109	V????DQLTP	VSNEIVRFPTDQLTPD	QVAVLYQDVNCTEVPVAIHADQLTPTW

P05164-3	P0DTC2-1171	???IVRFP	VSNEIVRFPTDQLTPD	YQTSNFRVQPTESIVRFPN
P05164-3	P0DTC2-1250	???IVRFP	VSNEIVRFPTDQLTPD	SNFRVQPTESIVRFPNITNL
P05164-3	P0DTC2-1257	???IVRFP	VSNEIVRFPTDQLTPD	TESIVRFPNITNLCP
P06733-17	P0DTD1-638	ADLYK	PSRYISPDQLADLYKSFID	ITEHSWNADLYKLM
P06733-17	P0DTD1-909	ADLYK	PSRYISPDQLADLYKSFID	HSWNADLYKLMGHFA
P06733-17	P0DTD1-1287	ADLYK	PSRYISPDQLADLYKSFID	WNADLYKLMGHFAWW
P18669-5	P0DTC1-235	???GKAKK	VRKAMEAVAAQGKAKK	CGNFKVTKGKAKKGA
P18669-5	P0DTC1-375	???GKAKK	VRKAMEAVAAQGKAKK	ESCGNFKVTKGKAKK
P01042-10	P0DTC1-102	AVDAA	DKDLFKAVDAALKKY	LSFCAFAVDAAKAY
P01042-11	P0DTC1-102	AVDAA	DLFKAVDAALKKYN	LSFCAFAVDAAKAY
P05783-35	P0DTC9-332	G???AS??SSRS	FGGPGTASRPSSRSYVTTSTRT Y	LPQGTTLPKGFYAEGSRGGSQASSRSSRSRNSSRNSTP
P05783-35	P0DTC9-441	AS??SSRS	FGGPGTASRPSSRSYVTTSTRT Y	ASSRSSRSRNSSRN
P05783-35	P0DTC9-454	G???AS??SSRS	FGGPGTASRPSSRSYVTTSTRT Y	GGSQASSRSSRSRN
P05783-35	P0DTC9-501	G???AS??SSRS	FGGPGTASRPSSRSYVTTSTRT Y	SRGGSQASSRSSRS
P05783-35	P0DTC9-502	SSRS	FGGPGTASRPSSRSYVTTSTRT Y	SRSSRSRNSSRNST
P01042-12	P0DTC1-102	AVDAA	KDLFKAVDAALKKY	LSFCAFAVDAAKAY
P62851-2	P0DTD1-821	???LLSKG	KIRGSLARAALQELLSKGLIKL	EGQINDMILSLLSKG
P62851-2	P0DTD1-1016	LLSKG	KIRGSLARAALQELLSKGLIKL	LLSKGRLIIRENNRV
P62851-2	P0DTD1-1032	?LLSKG	KIRGSLARAALQELLSKGLIKL	LSLLSKGRLIIRENN
P62851-2	P0DTD1-1052	???LLSKG	KIRGSLARAALQELLSKGLIKL	MILSLLSKGRLIIRE
P62851-4	P0DTD1-821	???LLSKG	LKIRGSLARAALQELLSKGLIKL	EGQINDMILSLLSKG
P62851-4	P0DTD1-1016	LLSKG	LKIRGSLARAALQELLSKGLIKL	LLSKGRLIIRENNRV
P62851-4	P0DTD1-1032	?LLSKG	LKIRGSLARAALQELLSKGLIKL	LSLLSKGRLIIRENN
P62851-4	P0DTD1-1052	???LLSKG	LKIRGSLARAALQELLSKGLIKL	MILSLLSKGRLIIRE
Q9UHN6-1	P0DTD1-1078	???G?YTFEK	LPFGSYTFEKDFSRL	NSKVQIGEYTFEKGD
Q9UHN6-1	P0DTD1-1115	?G?YTFEK	LPFGSYTFEKDFSRL	QIGEYTFEKGDYGD
Q9UHN6-1	P0DTD1-1310	YTFEK	LPFGSYTFEKDFSRL	YTFEKGDYGDVYR
P01042-13	P0DTC1-102	AVDAA	NDKDLFKAVDAALKKY	LSFCAFAVDAAKAY

P01042-14	P0DTC1-102	AVDAA	NDKDLFKAVDAALKKYNS	LSFCAFAVDAAKAY
Q96PV4	P0DTD1-1145	KAVFI	LCAYRVLGRMFRREDNAKAVFI EL	RNPAWRKAVFISPYN
Q96PV4	P0DTD1-1289	KAVFI	LCAYRVLGRMFRREDNAKAVFI EL	WRKAVFISPYN SQNA
P47914-4	P0DTD1-819	KPRSQ	RNGIKKPRSQRY	EFKPRSQMEIDFLEL
P47914-4	P0DTD1-969	KPRSQ	RNGIKKPRSQRY	KPRSQMEIDFLELAM
P47914-4	P0DTD1-1023	KPRSQ	RNGIKKPRSQRY	LQEFKPRSQMEIDFL
P47914-4	P0DTD1-1127	KPRSQ	RNGIKKPRSQRY	QSRNLQEFKPRSQME
P47914-4	P0DTD1-1144	KPRSQ	RNGIKKPRSQRY	RNLQEFKPRSQMEID
P07355-8	P0DTD1-801	RDLYD	AEDGSVIDYELIDQDARDLYDA	DRDLYDKLQFTSLEI
P07355-8	P0DTD1-928	RDLYD	AEDGSVIDYELIDQDARDLYDA	ILCIMSDRDLYDKLQ
Q7Z4T9	P0DTD1-386	VYSFL	AELVYSFLIPEVQKYFVKEKVRN AQ	PVYSFLPGVYSVIYL
Q7Z4T9	P0DTD1-833	?KYFVK	AELVYSFLIPEVQKYFVKEKVRN AQ	ELTSMKYFVKIGPER
Q8N729	P0DTC9-145	LALLL	APASRPRLALLLLLLLLPLP	RMAGNGGDAA LALLL
Q8N729	P0DTC9-225	ALLLL	APASRPRLALLLLLLLLPLP	ALLLLDRLNQLESKMS
Q8N729	P0DTC9-228	LALLL	APASRPRLALLLLLLLLPLP	ARMAGNGGDAA LALLL
Q8N729	P0DTC9-363	ALLLL	APASRPRLALLLLLLLLPLP	ALLLLDRLNQLESKMSG
Q8N729	P0DTC9-439	ALLLL	APASRPRLALLLLLLLLPLP	ALLLLDRLNQLESKM
Q6H3X3	P0DTC3-4	RATAT	AQPRATAT	FVRATATIP
Q6H3X3	P0DTC3-81	RATAT	AQPRATAT	KDATPSDFVRATATIP
Q6H3X3	P0DTC3-94	RATAT	AQPRATAT	ATPSDFVRATAT
Q6H3X3	P0DTC3-103	RATAT	AQPRATAT	PSDFVRATATIP
Q6H3X3	P0DTC3-108	RATAT	AQPRATAT	VRATATIP IQAS
Q6H3X3	P0DTC3-114	RATAT	AQPRATAT	ATPSDFVRATATIP
O95450	P0DTC9-16	ALLLL	ARRLLCPALLLLLLLLP	LALLLLDRL
O95450	P0DTC9-225	ALLLL	ARRLLCPALLLLLLLLP	ALLLLDRLNQLESKMS
O95450	P0DTC9-262	ALLLL	ARRLLCPALLLLLLLLP	LALLLLDRLNQLESKM
O95450	P0DTC9-363	ALLLL	ARRLLCPALLLLLLLLP	ALLLLDRLNQLESKMSG
O95450	P0DTC9-439	ALLLL	ARRLLCPALLLLLLLLP	ALLLLDRLNQLESKM

O75486	P0DTC9-15	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	KTFPPTPEPKDKKKK
O75486	P0DTC9-35	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	YKTFPPTPEPKDKKK
O75486	P0DTC9-59	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	KDKKKKADETQALPQRQ
O75486	P0DTC9-61	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	KTFPPTPEPKDKKKKADE
O75486	P0DTC9-87	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	TEPKDKKKKADETQ
O75486	P0DTC9-109	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	DAYKTFPPTPEPKDKKKKADETQA
O75486	P0DTC9-110	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	FPPTPEPKDKKKKADETQALPQRQKKQQTVTLLPAADL DDFSKQLQ
O75486	P0DTC9-170	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	KTFPPTPEPKDKKK
O75486	P0DTC9-330	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	DKDPNFKDQVILLNKHIDAYKTFPPTPEPKDKKKKADET
O75486	P0DTC9-346	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	KHIDAYKTFPPTPEPKDKKKK
O75486	P0DTC9-351	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	PKDKKKKTDEAQPLPQRQKKQP
O75486	P0DTC9-366	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	AYKTFPPTPEPKDKKKK
O75486	P0DTC9-387	KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	KDKKKKADETQALPQR
O75486	P0DTC9-388	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	KDKKKKADETQ
O75486	P0DTC9-467	KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	KDKKKKADETQALPQ
O75486	P0DTC9-485	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	PKDKKKKADETQAL
O75486	P0DTC9-487	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	PPTEPKDKKKKADE

O75486	P0DTC9-503	?KDKKK	ARVITPEDLLFLMRKDKKKLRRL L	TFPTEPKDKKKKA
O75486	P0DTC2-8	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	EDLLFNKVTADAGF
O75486	P0DTC2-76	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	KPSKRSFIEDLLFNK
O75486	P0DTC2-90	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	PSKPSKRSFIEDLLFNKV
O75486	P0DTC2-247	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	LPDPSKPSKRSFIEDLLFNK
O75486	P0DTC2-276	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	SFIEDLLFNKVTADAGFIK
O75486	P0DTC2-388	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	SFIEDLLFNKVTAD
O75486	P0DTC2-448	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	PDPSKPSKRSFIEDLLFNKVTAD
O75486	P0DTC2-453	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	RSFIEDLLFNK
O75486	P0DTC2-454	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	RSFIEDLLFNKV
O75486	P0DTC2-532	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	PSKPSKRSFIEDLLF
O75486	P0DTC2-543	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	SKRSFIEDLLFNKVT
O75486	P0DTC2-707	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	RSFIEDLLFNKVTLA
O75486	P0DTC2-720	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	EDLLFN
O75486	P0DTC2-759	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	SKRSFIEDLLF
O75486	P0DTC2-764	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	SKRSFIEDLLFNKVTLA
O75486	P0DTC2-785	EDLLF	ARVITPEDLLFLMRKDKKKLRRL L	DPSKPSKRSFIEDLLF

O75486	P0DTC2-799	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	F EDLLF NKVTLADAG
O75486	P0DTC2-835	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	KPSKRSF EDLLF NKV
O75486	P0DTC2-837	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	KRSF EDLLF NKVTLA
O75486	P0DTC2-852	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	PDPSKPSKRSF EDLLF NKVTLADAG
O75486	P0DTC2-860	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	PSKPSKRSF EDLLF N
O75486	P0DTC2-861	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	PSKRSF EDLLF NKVT
O75486	P0DTC2-875	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	RSF EDLLF NKVTLAD
O75486	P0DTC2-880	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	SF EDLLF NKVTLADA
O75486	P0DTC2-883	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	SKPSKRSF EDLLF NK
O75486	P0DTC2-884	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	SKRSF EDLLF NKVTL
O75486	P0DTC2-934	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	NFSQILPDPSKPSKRSF EDLLF NKVTLADAGFIKQYGD
O75486	P0DTC2-983	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	SKPSKRSF EDLLF
O75486	P0DTC2-1053	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	KRSF EDLLF NKVT
O75486	P0DTC2-1124	EDLLF	ARVITP EDLLF LMRKDKKKLRRL L	SKRSF EDLLF NKVTLADA
O75486	P0DTC1-517	?V?????LLFLM	ARVITP EDLLF LMRKDKKKLRRL L	HVVAFNT LLFLM SFT
O75486	P0DTC1-1151	LLFLM	ARVITP EDLLF LMRKDKKKLRRL L	VAFNT LLFLM SFTVL
Q8MH48	P0DTC1-607	KDYLA	AYDG KDYLA LNEDLRSWTA	KAY KDYLA SGGQPIT
Q8MH48	P0DTC1-1267	KDYLA	AYDG KDYLA LNEDLRSWTA	Y KDYLA SGGQPITNC

Q8NAP8	P0DTD1-220	VTDTTP	CDSCTC VTDTTP DDDDDLDM	VTDTTP KGPK
Q8NAP8	P0DTC1-15	C??VTDTTP	CDSCTC VTDTTP DDDDDLDM	PCR FVTDTTP KGPKVK
Q8NAP8	P0DTC1-116	C??VTDTTP	CDSCTC VTDTTP DDDDDLDM	PPCR FVTDTTP KGPK
Q8NAP8	P0DTC1-356	C??VTDTTP	CDSCTC VTDTTP DDDDDLDM	ELEPPCR FVTDTTP KG
Q8N446	P0DTC2-52	C???CCSCG	CPFC CCSCG D	CLKG CCSCG SCCKFD
Q8N446	P0DTC2-216	C???CCSCG	CPFC CCSCG D	CMTSCCCLKG CCSCG SCCK
Q8N446	P0DTC2-230	CCSCG	CPFC CCSCG D	G CCSCG SCCKFDEDDSEPV
Q8N446	P0DTC2-433	CCSCG	CPFC CCSCG D	CCSCG SCCKFDEDDSEPVKGVL
Q8N446	P0DTC2-498	CCSCG	CPFC CCSCG D	KG CCSCG SCCKFDED
Q8N446	P0DTC2-771	CCSCG	CPFC CCSCG D	CCSCG SCCKFDEDDSE
Q8N446	P0DTC2-772	CCSCG	CPFC CCSCG D	CCSCG SCCKFDEDDSEPVKGVLHYT
Q8N446	P0DTC2-924	C???CCSCG	CPFC CCSCG D	CCMTSCCCLKG CCSCG SCCKFDEDDSEPVKGVLHYT
Q8N446	P0DTC2-1179	CCSCG	CPFC CCSCG D	CCSCG SCCKFDEDDSE
Q9HCE3	P0DTC1-163	KLKAL	DYD KLKAL GGEN	ADSIIGGAK KLKAL N
P07355-9	P0DTD1-801	RDLYD	EDGSVIDYELIDQDARD LDYDA	D RDLYD KLQFTSLEI
P07355-9	P0DTD1-928	RDLYD	EDGSVIDYELIDQDARD LDYDA	ILCIMS D RDLYD KLQ
Q92688-1	P0DTD1-132	D?EEEEF?	EEDEDEDG EEEEF DEEDEDE DVE	GDC EEEEF EPSTQY
Q92688-1	P0DTD1-612	EEEEF?	EEDEDEDG EEEEF DEEDEDE DVE	EEEEF EPSTQY
Q92688-1	P0DTC1-234	EEEEF?	EEDEDEDG EEEEF DEEDEDE DVE	CEEEEEF EPSTQYEG
Q92688-1	P0DTC1-261	?EDE???D?EEEEF?	EEDEDEDG EEEEF DEEDEDE DVE	DEDEEEGD CEEEEEF
Q92688-1	P0DTC1-262	DE???D?EEEEF?	EEDEDEDG EEEEF DEEDEDE DVE	DEEEGD CEEEEEF EPS
Q92688-1	P0DTC1-327	???D?EEEEF?	EEDEDEDG EEEEF DEEDEDE DVE	EEGD CEEEEEF EPSTQ
Q92688-1	P0DTC1-453	D?EEEEF?	EEDEDEDG EEEEF DEEDEDE DVE	GDC EEEEF EPSTQY
Q9NW61	P0DTC2-76	SFIED	EEPGTFS SFIED PERKYH	KPSKR SFIED LLFNK
Q9NW61	P0DTC2-90	SFIED	EEPGTFS SFIED PERKYH	PSKPSKR SFIED LLFNKV

Q9NW61	P0DTC2-247	SFIED	EEPGTFSISFIEDPERKYH	LPDPSKPSKRSFIEDLLFNK
Q9NW61	P0DTC2-276	SFIED	EEPGTFSISFIEDPERKYH	SFIEDLLFNKVTLADAGFIK
Q9NW61	P0DTC2-357	SFIED	EEPGTFSISFIEDPERKYH	LPDPSKPSKRSFIED
Q9NW61	P0DTC2-388	SFIED	EEPGTFSISFIEDPERKYH	SFIEDLLFNKVTLAD
Q9NW61	P0DTC2-448	SFIED	EEPGTFSISFIEDPERKYH	PDPSKPSKRSFIEDLLFNKVTLAD
Q9NW61	P0DTC2-453	SFIED	EEPGTFSISFIEDPERKYH	RSFIEDLLFNK
Q9NW61	P0DTC2-454	SFIED	EEPGTFSISFIEDPERKYH	RSFIEDLLFNKV
Q9NW61	P0DTC2-532	SFIED	EEPGTFSISFIEDPERKYH	PSKPSKRSFIEDLLF
Q9NW61	P0DTC2-543	SFIED	EEPGTFSISFIEDPERKYH	SKRSFIEDLLFNKVT
Q9NW61	P0DTC2-707	SFIED	EEPGTFSISFIEDPERKYH	RSFIEDLLFNKVTLA
Q9NW61	P0DTC2-759	SFIED	EEPGTFSISFIEDPERKYH	SKRSFIEDLLF
Q9NW61	P0DTC2-764	SFIED	EEPGTFSISFIEDPERKYH	SKRSFIEDLLFNKVTLA
Q9NW61	P0DTC2-785	SFIED	EEPGTFSISFIEDPERKYH	DPSKPSKRSFIEDLLF
Q9NW61	P0DTC2-826	SFIED	EEPGTFSISFIEDPERKYH	ILPDPSKPSKRSFIED
Q9NW61	P0DTC2-835	SFIED	EEPGTFSISFIEDPERKYH	KPSKRSFIEDLLFNKV
Q9NW61	P0DTC2-837	SFIED	EEPGTFSISFIEDPERKYH	KRSFIEDLLFNKVTLA
Q9NW61	P0DTC2-851	SFIED	EEPGTFSISFIEDPERKYH	PDPSKPSKRSFIEDLL
Q9NW61	P0DTC2-852	SFIED	EEPGTFSISFIEDPERKYH	PDPSKPSKRSFIEDLLFNKVTLADAG
Q9NW61	P0DTC2-860	SFIED	EEPGTFSISFIEDPERKYH	PSKPSKRSFIEDLLFN
Q9NW61	P0DTC2-861	SFIED	EEPGTFSISFIEDPERKYH	PSKRSFIEDLLFNKVT
Q9NW61	P0DTC2-867	SFIED	EEPGTFSISFIEDPERKYH	QILPDPSKPSKRSFIED
Q9NW61	P0DTC2-875	SFIED	EEPGTFSISFIEDPERKYH	RSFIEDLLFNKVTLAD
Q9NW61	P0DTC2-880	SFIED	EEPGTFSISFIEDPERKYH	SFIEDLLFNKVTLADA
Q9NW61	P0DTC2-883	SFIED	EEPGTFSISFIEDPERKYH	SKPSKRSFIEDLLFNK
Q9NW61	P0DTC2-884	SFIED	EEPGTFSISFIEDPERKYH	SKRSFIEDLLFNKVTL
Q9NW61	P0DTC2-934	SFIED	EEPGTFSISFIEDPERKYH	NFSQILPDPSKPSKRSFIEDLLFNKVTLADAGFIKQYGD
Q9NW61	P0DTC2-983	SFIED	EEPGTFSISFIEDPERKYH	SKPSKRSFIEDLLF
Q9NW61	P0DTC2-1053	SFIED	EEPGTFSISFIEDPERKYH	KRSFIEDLLFNKVT
Q9NW61	P0DTC2-1124	SFIED	EEPGTFSISFIEDPERKYH	SKRSFIEDLLFNKVTLADA
Q9NW61	P0DTC2-1232	SFIED	EEPGTFSISFIEDPERKYH	PDPSKPSKRSFIEDL
P0C7M7	P0DTD1-440	VSSPD??	ESAVVSSPDQIRGEVVK	VSSPDAVTAY
P0C7M7	P0DTC1-98	VSSPD	ESAVVSSPDQIRGEVVK	LKVPATVSVSSPDA
P0C7M7	P0DTC1-888	VSSPD??	ESAVVSSPDQIRGEVVK	PATVSVSSPDAVTAY

P0C7M7	P0DTC1-1043	VSSPD??	ESAVVSSPDQIRGEVVK	SVSSPD AVTAYNGYL
P32246	P0DTC1-941	RARTV	FALRARTVTFG	ISAKNRARTVAGVSI
Q96GD3	P0DTC9-16	ALLLL	GKALLLLRSDMMMKEYM	LALLLLDRL
Q96GD3	P0DTC9-42	ALLLL	GKALLLLRSDMMMKEYM	GDAALALLLLDRLNQL
Q96GD3	P0DTC9-93	ALLLL	GKALLLLRSDMMMKEYM	DAALALLLLDRLNQL
Q96GD3	P0DTC9-118	ALLLL	GKALLLLRSDMMMKEYM	PARMAGNGGDAALALLLLDRLNQLESKMSGKGQQQ QQQ
Q96GD3	P0DTC9-120	ALLLL	GKALLLLRSDMMMKEYM	AALALLLLDRLNQLE
Q96GD3	P0DTC9-157	ALLLL	GKALLLLRSDMMMKEYM	AGNGGDAALALLLLD
Q96GD3	P0DTC9-216	ALLLL	GKALLLLRSDMMMKEYM	AALALLLLDRLNQLES
Q96GD3	P0DTC9-221	ALLLL	GKALLLLRSDMMMKEYM	AGNGGDAALALLLLDR
Q96GD3	P0DTC9-224	ALLLL	GKALLLLRSDMMMKEYM	ALALLLLDRLNQLESK
Q96GD3	P0DTC9-225	ALLLL	GKALLLLRSDMMMKEYM	ALLLLDRLNQLESKMS
Q96GD3	P0DTC9-229	ALLLL	GKALLLLRSDMMMKEYM	ARMAGNGGDAALALLLLDRLNQLESKMSGKG
Q96GD3	P0DTC9-231	ALLLL	GKALLLLRSDMMMKEYM	DAALALLLLDRLNQLE
Q96GD3	P0DTC9-245	ALLLL	GKALLLLRSDMMMKEYM	GGDAALALLLLDRLNQ
Q96GD3	P0DTC9-249	ALLLL	GKALLLLRSDMMMKEYM	GNGGDAALALLLLDRL
Q96GD3	P0DTC9-262	ALLLL	GKALLLLRSDMMMKEYM	LALLLLDRLNQLESKM
Q96GD3	P0DTC9-277	ALLLL	GKALLLLRSDMMMKEYM	MAGNGGDAALALLLLD
Q96GD3	P0DTC9-282	ALLLL	GKALLLLRSDMMMKEYM	NGGDAALALLLLDRLN
Q96GD3	P0DTC9-313	ALLLL	GKALLLLRSDMMMKEYM	RMAGNGGDAALALLLL
Q96GD3	P0DTC9-339	ALLLL	GKALLLLRSDMMMKEYM	SSRGTSPARMAGNGGDAALALLLLDRLNQLESKMSGK GQ
Q96GD3	P0DTC9-359	ALLLL	GKALLLLRSDMMMKEYM	AALALLLLDRLNQLESKMS
Q96GD3	P0DTC9-363	ALLLL	GKALLLLRSDMMMKEYM	ALLLLDRLNQLESKMSG
Q96GD3	P0DTC9-394	ALLLL	GKALLLLRSDMMMKEYM	MAGNGGDAALALLLLDR
Q96GD3	P0DTC9-417	ALLLL	GKALLLLRSDMMMKEYM	RMAGNGGDAALALLLLDRL
Q96GD3	P0DTC9-438	ALLLL	GKALLLLRSDMMMKEYM	ALALLLLDRLNQLES
Q96GD3	P0DTC9-439	ALLLL	GKALLLLRSDMMMKEYM	ALLLLDRLNQLESKM
Q96GD3	P0DTC9-453	ALLLL	GKALLLLRSDMMMKEYM	GGDAALALLLLDRLN
Q96GD3	P0DTC9-456	ALLLL	GKALLLLRSDMMMKEYM	GNGGDAALALLLLDR
Q96GD3	P0DTC9-480	ALLLL	GKALLLLRSDMMMKEYM	MAGNGGDAALALLLL

P82914	P0DTC9-55	YYRRA?RR	GLGIEYTFPPLYYRRAHRRFVTK K	YYRRA ^{TRRIR}
P82914	P0DTC9-65	YYRRA?RR	GLGIEYTFPPLYYRRAHRRFVTK K	DDQIGYYRRA ^{TRRIR}
P82914	P0DTC9-74	YYRRA?RR	GLGIEYTFPPLYYRRAHRRFVTK K	DQIGYYRRA ^{TRRIR}
P82914	P0DTC9-97	YYRRA?RR	GLGIEYTFPPLYYRRAHRRFVTK K	IGYYRRA ^{TRRIRGGD}
P82914	P0DTC9-137	YYRRA	GLGIEYTFPPLYYRRAHRRFVTK K	NSSPDDQIGYYRRA ^T
P82914	P0DTC9-188	YYRRA?RR	GLGIEYTFPPLYYRRAHRRFVTK K	YYRRA ^{TRRIRGGDGK}
P82914	P0DTC9-368	YYRRA?RR	GLGIEYTFPPLYYRRAHRRFVTK K	DDQIGYYRRA ^{TRRIRGGDG}
P82914	P0DTC9-424	YYRRA	GLGIEYTFPPLYYRRAHRRFVTK K	SPDDQIGYYRRA
P82914	P0DTC9-484	YYRRA?RR	GLGIEYTFPPLYYRRAHRRFVTK K	PDDQIGYYRRA ^{TRRI}
P07355-12	P0DTD1-801	RDLYD	GSVIDYELIDQDARDLYDAGVK RKG	D ^{RDLYD} KLQFTSLEI
P07355-12	P0DTD1-928	RDLYD	GSVIDYELIDQDARDLYDAGVK RKG	ILCIMS ^D RDLYDKLQ
Q6V0I7	P0DTC2-64	?LTGTG??	ITATDSGSPAL ^{TGTG} TINV	FNFNGL ^{TGTG} VLTES
Q6V0I7	P0DTC2-251	?LTGTG??	ITATDSGSPAL ^{TGTG} TINV	NGL ^{TGTG} VLTESNKKFLPFQ
Q6V0I7	P0DTC2-291	?LTGTG??	ITATDSGSPAL ^{TGTG} TINV	VKNKCVNFNFNGL ^{TGTG} VLT
Q6V0I7	P0DTC2-364	LTGTG??	ITATDSGSPAL ^{TGTG} TINV	^{LTGTG} VLTESNKKFL
Q6V0I7	P0DTC2-482	?LTGTG??	ITATDSGSPAL ^{TGTG} TINV	GL ^{TGTG} VLTESNKKF
Q6V0I7	P0DTC2-803	?LTGTG??	ITATDSGSPAL ^{TGTG} TINV	FNFNGL ^{TGTG} VLTESN
Q6V0I7	P0DTC2-828	?LTGTG??	ITATDSGSPAL ^{TGTG} TINV	KCVNFNFNGL ^{TGTG} VL
Q6V0I7	P0DTC2-847	?LTGTG	ITATDSGSPAL ^{TGTG} TINV	NKCVNFNFNGL ^{TGTG} V
Q6V0I7	P0DTC2-848	?LTGTG??	ITATDSGSPAL ^{TGTG} TINV	NKCVNFNFNGL ^{TGTG} VL
Q6V0I7	P0DTC2-929	?LTGTG??	ITATDSGSPAL ^{TGTG} TINV	FNFNGL ^{TGTG} VLTESNKKFLPFQQFGRDIADTTDAVRD P

Q6V0I7	P0DTC2-936	?LTGTG??	ITATDSGSPAL LTGTG TINV	PATVCGPKKSTNLVKNKCVNFNFNG LTGTG VLTESNKK F
Q6V0I7	P0DTC2-966	?LTGTG??	ITATDSGSPAL LTGTG TINV	GLTGTG VLTESNKKFLPFQQF
Q6V0I7	P0DTC1-204	P???GTGTI	ITATDSGSPALT GTGT INV	ARFPKSD GTGT IYTE
Q6V0I7	P0DTC1-271	GTGTI	ITATDSGSPALT GTGT INV	DGTGT IYTELEPPCR
Q6V0I7	P0DTC1-435	P???GTGTI	ITATDSGSPALT GTGT INV	FPKSD GTGT IYTELE
Q6V0I7	P0DTC1-654	GTGTI	ITATDSGSPALT GTGT INV	KSD GTGT IYTELEPP
P11487	P0DTD1-408	??V??GIVAI	ITAVEV GIVAI RGLFSGRYLAMN K	SIVAG GIVAI VVTCL
P11487	P0DTC1-277	??V??GIVAI	ITAVEV GIVAI RGLFSGRYLAMN K	DISASIVAG GIVAI V
P11487	P0DTC1-465	GIVAI	ITAVEV GIVAI RGLFSGRYLAMN K	G GIVAI VVTCLAYYF
Q9Y6P5	P0DTD1-398	SEDAQ	KEILQVG SEDAQ MH	SEDAQ GMDNL
Q9Y6P5	P0DTC1-114	SEDAQ	KEILQVG SEDAQ MH	NSFDVLK SEDAQ GMDNL
Q9Y6P5	P0DTC1-304	SEDAQ	KEILQVG SEDAQ MH	DVLK SEDAQ GMDNLA
Q9Y6P5	P0DTC1-385	SEDAQ	KEILQVG SEDAQ MH	ETSNSFDVLK SEDAQ
Q9Y6P5	P0DTC1-717	SEDAQ	KEILQVG SEDAQ MH	LK SEDAQ GMDNLACE
Q9Y6P5	P0DTC1-994	SEDAQ	KEILQVG SEDAQ MH	SEDAQ GMDNLACEDL
Q9Y6P5	P0DTC1-1004	SEDAQ	KEILQVG SEDAQ MH	SFDVLK SEDAQ GMDN
Q9NWB7	P0DTC2-628	KSNLK	KLKLLRYEEEF LKSNLK APSRH YF	KSNLK PFER
Q6UX71-2	P0DTC9-34	VTQAF	KPGDQILDWQYG VTQAF PHTE E	VTQAF GRRGPEQTQG
Q6UX71-2	P0DTC9-46	Y?VTQAF	KPGDQILDWQYG VTQAF PHTE E	KAYN VTQAF
Q6UX71-2	P0DTC9-67	Y?VTQAF	KPGDQILDWQYG VTQAF PHTE E	KAYN VTQAF GRRGPE
Q6UX71-2	P0DTC9-131	Y?VTQAF	KPGDQILDWQYG VTQAF PHTE E	KRTATKAYN VTQAF G
Q6UX71-2	P0DTC9-201	Y?VTQAF	KPGDQILDWQYG VTQAF PHTE E	TVTKKSAAEASKKPRQKRTATKAYN VTQAF

Q6UX71-2	P0DTC9-329	Y?VTQAF	KPGDQILDWQYGV VTQAF PHTE E	ATKAYN VTQAF GRRG
Q6UX71-2	P0DTC9-336	Y?VTQAF	KPGDQILDWQYGV VTQAF PHTE E	QQGQTVTKKSAAEASKKPRQKRTATKAYN VTQAF GRR GP
Q6UX71-2	P0DTC9-389	Y?VTQAF	KPGDQILDWQYGV VTQAF PHTE E	KPRQKRTATKAYN VTQAF GRRGPEQTQ
Q6UX71-2	P0DTC9-510	Y?VTQAF	KPGDQILDWQYGV VTQAF PHTE E	YN VTQAF GRRGPEQT
Q9NTJ3	P0DTC2-170	VEAEV?	KVEAEV KRLH	VEAEV QIDRLITGR
Q9NTJ3	P0DTC2-413	KVEAE	KVEAEV KRLH	VLNDILSRLD KVEAE
Q8WXH0	P0DTD1-536	DTLKE	LENHVNDIKKPFVIKER DTLKE ER	GNC DTLKE ILVTYNC
Q8WXH0	P0DTD1-741	DTLKE	LENHVNDIKKPFVIKER DTLKE ER	ALRHFDEGN CDTLKE
Q8WXH0	P0DTD1-806	DTLKE	LENHVNDIKKPFVIKER DTLKE ER	DTLKE ILVTYNCCDD
Q8WXH0	P0DTD1-820	DTLKE	LENHVNDIKKPFVIKER DTLKE ER	EGNC DTLKE ILVTYN
Q8WXH0	P0DTD1-855	DTLKE	LENHVNDIKKPFVIKER DTLKE ER	FDEGN CDTLKE ILVT
Q8WXH0	P0DTD1-1134	DTLKE	LENHVNDIKKPFVIKER DTLKE ER	RHFDEGN CDTLKE IL
Q9UHN6-2	P0DTD1-1078	???G?YTFEK	LPFGS YTFEK DFSRG	NSKVQIG EYTFEK GD
Q9UHN6-2	P0DTD1-1115	?G?YTFEK	LPFGS YTFEK DFSRG	QIG EYTFEK GDYGDA
Q9UHN6-2	P0DTD1-1310	YTFEK	LPFGS YTFEK DFSRG	YTFEK GDYGDVAVYR
A0A0C4DGB6-27	P0DTD1-22	LPSLA	LPSLA ADFVESKD	FL LPSLA TV
A0A0C4DGB6-27	P0DTD1-131	LPSLA	LPSLA ADFVESKD	FLCLFL LPSLA TV
A0A0C4DGB6-27	P0DTD1-493	LPSLA	LPSLA ADFVESKD	LFL LPSLA TV
A0A0C4DGB6-27	P0DTC1-10	LPSLA	LPSLA ADFVESKD	LCLFL LPSLA TVAYF
A0A0C4DGB6-27	P0DTC1-728	LPSLA	LPSLA ADFVESKD	LLPSLA TVAYFNMVY
P48039	P0DTC1-354	VLQVR	LVLQVR QRVKPD RKPKLKP	EKTHVQLSLP VLQVR
P48039	P0DTC1-770	VLQVR	LVLQVR QRVKPD RKPKLKP	LSLP VLQVR DLVLRG
P48039	P0DTC1-1091	VLQVR	LVLQVR QRVKPD RKPKLKP	THVQLSLP VLQVR DV

P48039	P0DTC1-1201	VLQVR	LVLQVRQVRKPD RKPKLKP	VLQVRDVLVRGFGDS
P48039	P0DTC1-1213	VLQVR	LVLQVRQVRKPD RKPKLKP	VQLSLPVLQVRDVLV
A0A0C4DGB6-28	P0DTD1-22	LPSLA	PADLPSLAADFVESKD	FLPSLATV
A0A0C4DGB6-28	P0DTD1-131	LPSLA	PADLPSLAADFVESKD	FLCLFLPSLATV
A0A0C4DGB6-28	P0DTD1-493	LPSLA	PADLPSLAADFVESKD	LFLPSLATV
A0A0C4DGB6-28	P0DTC1-10	LPSLA	PADLPSLAADFVESKD	LCLFLPSLATVAYF
A0A0C4DGB6-28	P0DTC1-728	LPSLA	PADLPSLAADFVESKD	LLPSLATVAYFNMVY
Q13507	P0DTC2-23	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	QPYRVVVLSF
Q13507	P0DTC2-117	VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	VVLSFELLHAPATVC
Q13507	P0DTC2-136	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	GYQPYRVVVLSF
Q13507	P0DTC2-233	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	GYQPYRVVVLSFELLHAPAT
Q13507	P0DTC2-368	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	NGVGYPYRVVVLSF
Q13507	P0DTC2-380	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	QPYRVVVLSFELLHA
Q13507	P0DTC2-540	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	RVVVLSFELLHAPAT
Q13507	P0DTC2-574	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	YQPYRVVVLSFELLH
Q13507	P0DTC2-971	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	NGVGYPHRVVVLSF
Q13507	P0DTC2-1117	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	RVVVLSFELLHAPATVCGP
Q13507	P0DTC2-1202	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	GFQPTNGVGYPYRVVVLSF
Q13507	P0DTC2-1237	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	QPYRVVVLSFELLHAPATVC
Q13507	P0DTC2-1268	?VVLSF	PQIISEGLYAIAVVLSFSRIAYILP	VGYPYRVVVLSFEL
Q9BYE9	P0DTC3-8	?GVALL?V	QLISVIIGLGVALLLVIMTMA	IVGVALLAVF
Q9BYE9	P0DTC3-111	?GVALL	QLISVIIGLGVALLLVIMTMA	ASLPFGWLIVGVALL
Q9BYE9	P0DTC1-1023	LLVLV??T	QLISVIIGLGVALLLVIMTMA	SLLVLVQSTQWSLFF
P18858	P0DTC1-235	?GKAKK	QRSIMSFHPKKEGKAKKPEKE ASN	CGNFKVTKGKAKKGA
P18858	P0DTC1-375	?GKAKK	QRSIMSFHPKKEGKAKKPEKE ASN	ESCGNFKVTKGKAKK
Q8NGD1	P0DTC1-110	???DIQLL	QSQDIQLLVFVLVLIFYF	NKGEDIQLLKSAYENF
Q8NGD1	P0DTC1-317	?DIQLL	QSQDIQLLVFVLVLIFYF	EDIQLLKSAYENFNQ
Q8NGD1	P0DTC1-619	???DIQLL	QSQDIQLLVFVLVLIFYF	KGEDIQLLKSAYENF
Q8NGD1	P0DTC1-1207	???DIQLL	QSQDIQLLVFVLVLIFYF	VNKGEDIQLLKSAYE
P62854	P0DTD1-341	???FDAYV	RDISEASVFDAYVLPKLY	KMFDAYVNTF
P62854	P0DTD1-559	???FDAYV	RDISEASVFDAYVLPKLY	AEVAVKMFDAYVNTFS

P62854	P0DTD1-703	??FDAYV	RDISEASVFDAYVLPKLY	VKMFDAYVNTFS
P62854	P0DTC1-135	??FDAYV	RDISEASVFDAYVLPKLY	VKMFDAYVNTFSST
P62854	P0DTC1-293	??FDAYV	RDISEASVFDAYVLPKLY	DSAEVAVKMFDAYVN
P62854	P0DTC1-804	?FDAYV	RDISEASVFDAYVLPKLY	MFDAYVNTFSSTFNV
P62854	P0DTC1-1156	??FDAYV	RDISEASVFDAYVLPKLY	VAVKMFDAYVNTFSS
P62854	P0DTC1-1194	??FDAYV	RDISEASVFDAYVLPKLY	VKMFDAYVNTFSSTF
O95425	P0DTD1-526	LPTGV	RSAEGPGLPTGVERERGSRKPR RY	YMHMELPTGV
O95425	P0DTC1-503	LPTGV	RSAEGPGLPTGVERERGSRKPR RY	HHMELPTGVHAGTDL
P19875	P0DTC9-16	?ALLLL	RVALLLLLVAAARR	LALLLDRL
P19875	P0DTC9-225	ALLLL	RVALLLLLVAAARR	ALLLDRLNQLESKMS
P19875	P0DTC9-262	?ALLLL	RVALLLLLVAAARR	LALLLDRLNQLESKM
P19875	P0DTC9-363	ALLLL	RVALLLLLVAAARR	ALLLDRLNQLESKMSG
P19875	P0DTC9-439	ALLLL	RVALLLLLVAAARR	ALLLDRLNQLESKM
P19875	P0DTC3-139	LLVAA	RVALLLLLVAAARR	LLVAAGLEAPFLYLY
Q8IX21	P0DTC9-29	SSRSS	SRSLSSRSSLSRHHPEESPLGAK FQ	SQASSRSSR
Q8IX21	P0DTC9-441	SSRSS	SRSLSSRSSLSRHHPEESPLGAK FQ	ASSRSSSRNRSSRN
Q8IX21	P0DTC9-448	SSRSS	SRSLSSRSSLSRHHPEESPLGAK FQ	EGSRGGSQASSRSS
Q8IX21	P0DTC9-501	SSRSS	SRSLSSRSSLSRHHPEESPLGAK FQ	SRGGSQASSRSSRS
Q15397	P0DTC2-137	AQEKN	STKTAEKRNRFHKNSD	HVTYVPAQEKNF
Q15397	P0DTC2-212	AQEKN	STKTAEKRNRFHKNSD	APHGVVFLHVTYVPAQEKNF
Q15397	P0DTC2-288	AQEKN	STKTAEKRNRFHKNSD	TYVPAQEKNFTTAPAICHDG
Q15397	P0DTC2-565	AQEKN	STKTAEKRNRFHKNSD	VTYVPAQEKNFTTAP
Q15397	P0DTC2-735	AQEKN	STKTAEKRNRFHKNSD	TYVPAQEKNFT
Q5JNZ5-2	P0DTD1-341	?FDAYV	SVFDAYVLPKLYVKLHY	KMFDAYVNTF
Q5JNZ5-2	P0DTD1-559	?FDAYV	SVFDAYVLPKLYVKLHY	AEVAVKMFDAYVNTFS
Q5JNZ5-2	P0DTD1-703	?FDAYV	SVFDAYVLPKLYVKLHY	VKMFDAYVNTFS
Q5JNZ5-2	P0DTC2-6	VKLHY	SVFDAYVLPKLYVKLHY	DDSEPVKGVKLHYT

Q5JNZ5-2	P0DTC2-100	VKLHY	SVFDAYVLPKLY VKLHY	SEPVLK G VKLHYT
Q5JNZ5-2	P0DTC2-226	VKLHY	SVFDAYVLPKLY VKLHY	FDEDDSEPVLK G VKLHYT
Q5JNZ5-2	P0DTC2-412	VKLHY	SVFDAYVLPKLY VKLHY	VLK G VKLHY
Q5JNZ5-2	P0DTC2-772	VKLHY	SVFDAYVLPKLY VKLHY	CCSCGSCCKFDEDDSEPVLK G VKLHYT
Q5JNZ5-2	P0DTC2-779	VKLHY	SVFDAYVLPKLY VKLHY	DEDDSEPVLK G VKLHY
Q5JNZ5-2	P0DTC2-787	VKLHY	SVFDAYVLPKLY VKLHY	DSEPVLK G VKLHYT
Q5JNZ5-2	P0DTC2-792	VKLHY	SVFDAYVLPKLY VKLHY	EDDSEPVLK G VKLHYT
Q5JNZ5-2	P0DTC2-794	VKLHY	SVFDAYVLPKLY VKLHY	EPVLK G VKLHYT
Q5JNZ5-2	P0DTC2-924	VKLHY	SVFDAYVLPKLY VKLHY	CCMTSCCCLKGCCSCGSCCKFDEDDSEPVLK G VKLHY T
Q5JNZ5-2	P0DTC1-135	??FDAYV	SV FDAYV LPKLYVKLHY	VKM FDAYV NFSSST
Q5JNZ5-2	P0DTC1-293	??FDAYV	SV FDAYV LPKLYVKLHY	DSAEVAVKM FDAYV N
Q5JNZ5-2	P0DTC1-804	?FDAYV	SV FDAYV LPKLYVKLHY	M FDAYV NFSSSTFNV
Q5JNZ5-2	P0DTC1-1156	??FDAYV	SV FDAYV LPKLYVKLHY	VAVKM FDAYV NTFSS
Q5JNZ5-2	P0DTC1-1194	??FDAYV	SV FDAYV LPKLYVKLHY	VKM FDAYV NFSSSTF
Q9HC29	P0DTD1-125	LAKNV	VGAQALALM LAKNV	AE LAKNV SLDNVL
Q9HC29	P0DTD1-242	LAKNV	VGAQALALM LAKNV	AE LAKNV SL
Q9HC29	P0DTD1-255	LAKNV	VGAQALALM LAKNV	AEAE LAKNV
Q9HC29	P0DTC1-129	LAKNV	VGAQALALM LAKNV	TLVATAEAE LAKNV SL
Q9HC29	P0DTC1-166	LAKNV	VGAQALALM LAKNV	AE LAKNV SLDNVLST
Q9HC29	P0DTC1-212	LAKNV	VGAQALALM LAKNV	ATAEAE LAKNV SLDN
Q9HC29	P0DTC1-666	LAKNV	VGAQALALM LAKNV	LAKNV SLDNVLSTFI
Q9HC29	P0DTC1-787	LAKNV	VGAQALALM LAKNV	LVATAEAE LAKNV SL
P62937-3	P0DTD1-970	TVFFD	VNPT TVFFD IAVD	KPTETICAPL TVFFD
P62937-3	P0DTD1-1098	TVFFD??VD	VNPT TVFFD IAVD	PL TVFFD GRVDGQVD
P62937-3	P0DTD1-1197	TVFFD	VNPT TVFFD IAVD	TETICAPL TVFFD GR
P62937-3	P0DTD1-1202	TVFFD??VD	VNPT TVFFD IAVD	TICAPL TVFFD GRVD
P62937-3	P0DTD1-1234	TVFFD??VD	VNPT TVFFD IAVD	TVFFD GRVDGQVDLF
Q96L11	P0DTD1-77	PILLL	VP PILLL LQVKP	QLMCQ PILLL
Q96L11	P0DTC1-24	PILLL?Q	VP PILLL LQVKP	CQ PILLL DQALVSDV
Q96L11	P0DTC1-736	PILLL?Q	VP PILLL LQVKP	LMCQ PILLL DQALVS
Q96L11	P0DTC1-894	PILLL?Q	VP PILLL LQVKP	PILLL DQALVSDVGD
Q96L11	P0DTC1-1028	PILLL?Q	VP PILLL LQVKP	SQLMCQ PILLL DQAL

Q96L11	P0DTC1-1045	PILLL	VPILLLLQVKP	SVYYSQLMCQPILLL
Q96L11	P0DTC1-1291	PILLL?Q	VPILLLLQVKP	YYSQLMCQPILLLDQ
Q9Y657	P0DTC1-12	RGMVL	WRGMVLARAPVM	LNNLN RGMVL GSLAA
Q9Y657	P0DTC1-418	RGMVL	WRGMVLARAPVM	FIKGLNNLN RGMVL G
Q9Y657	P0DTC1-623	RGMVL	WRGMVLARAPVM	KGLNNLN RGMVL GSL
Q9Y657	P0DTC1-860	RGMVL	WRGMVLARAPVM	NLN RGMVL GSLAATV

Supplementary Table S2: Matching 6-mer linear motifs found in the consensus sequences between SARS-CoV-2 epitopes and autoreactive epitopes found in MS, with the 6-mer motif highlighted in their epitope sequences.

MS epitope ID	COVID-19 epitope ID	Consensus sequence	MS epitope sequence	COVID-19 epitope sequence
P10809-2	P0DTD1-697	??EIPKEE	VVT EIPKEE KDPGM	VEQKIA EIPKEE
P10809-2	P0DTC1-165	?EIPKEE??P	VVT EIPKEE KDPGM	A EIPKEE VKPFITES
P10809-2	P0DTC1-352	??EIPKEE	VVT EIPKEE KDPGM	EKQVEQKIA EIPKEE
P10809-2	P0DTC1-372	??EIPKEE??P	VVT EIPKEE KDPGM	EQKIA EIPKEE VKPF
P10809-2	P0DTC1-628	??EIPKEE??P	VVT EIPKEE KDPGM	KIA EIPKEE VKPFIT
P0DP02	P0DTD1-151	YYRARA	AV YYRARARL	YYRARAGEAANF
P0DP02	P0DTC1-190	?YYRARA	AV YYRARARL	ALQDAY YYRARAGEAA
P0DP02	P0DTC1-905	?YYRARA	AV YYRARARL	PPALQDAY YYRARAGE
P0DP02	P0DTC1-925	?YYRARA	AV YYRARARL	QDAY YYRARAGEAANF
P62861-1	P0DTC1-721	LARAGK	KVHGS LARAGK VRGQTPK	LLARAGK ASCTLSEQ
P62861-1	P0DTC1-1283	LARAGK	KVHGS LARAGK VRGQTPK	YPLECIKDL LARAGK
P62736-3	P0DTC1-353	EKSYEL	SLE EKSYEL PDGQVI	EKSYEL QTPFEIKLA
P62736-3	P0DTC1-528	EKSYEL	SLE EKSYEL PDGQVI	IAWYTERSE EKSYEL Q
P62736-3	P0DTC1-1076	EKSYEL	SLE EKSYEL PDGQVI	TERSE EKSYEL QTPFE
P62736-3	P0DTC1-1251	EKSYEL	SLE EKSYEL PDGQVI	WYTERSE EKSYEL QTP
P02489	P0DTD1-57	DDFVEI	DDFVEI HGKHNERQD	LLL DDFVEI
P02489	P0DTD1-137	DDFVEI	DDFVEI HGKHNERQD	LLL DDFVEI
P02489	P0DTD1-195	DDFVEI	DDFVEI HGKHNERQD	L DDFVEI IKSQDLSV
P02489	P0DTD1-775	DDFVEI	DDFVEI HGKHNERQD	CSVIDLLL DDFVEI
P02489	P0DTD1-782	DDFVEI	DDFVEI HGKHNERQD	DDFVEI IKSQDLSVV
P02489	P0DTD1-797	DDFVEI	DDFVEI HGKHNERQD	DLLL DDFVEI IKSQD

P02489	P0DTD1-1011	DDFVEI	DDFVEIHGKHNERQD	LLDDFVEIIKSQDLS
P02489	P0DTD1-1255	DDFVEI	DDFVEIHGKHNERQD	VIDLLLDDFVEIIKS
P09972-8	P0DTC5-3	VLAAVY?	VLAAVYKALSDHHVY	FVLAAVYRI
P09972-8	P0DTC5-52	VLAAVY?	VLAAVYKALSDHHVY	TLACFVLAAVYRINW
P09972-8	P0DTC5-129	VLAAVY?	VLAAVYKALSDHHVY	VLAAVYRINWITGGI
P62736-6	P0DTC1-353	EKSYEL	SSSSLEKSYELPDGQVI	EKSYELQTPFEIKLA
P62736-6	P0DTC1-528	EKSYEL	SSSSLEKSYELPDGQVI	IAWYTERSEKSYELQ
P62736-6	P0DTC1-1076	EKSYEL	SSSSLEKSYELPDGQVI	TERSEKSYELQTPFE
P62736-6	P0DTC1-1251	EKSYEL	SSSSLEKSYELPDGQVI	WYTERSEKSYELQTP
Q16695-3	P0DTC8-3	ARKSAP	VARKSAPATGGVKKPHRYRPGTVAL	RVGARKSAPL
Q16695-3	P0DTC8-9	ARKSAP	VARKSAPATGGVKKPHRYRPGTVAL	SKWYIRVGARKSAPL
Q16695-3	P0DTC8-11	ARKSAP	VARKSAPATGGVKKPHRYRPGTVAL	YIRVGARKSAPLIEL
Q16695-3	P0DTC8-12	ARKSAP	VARKSAPATGGVKKPHRYRPGTVAL	ARKSAPLIELCVDEA
Q16695-3	P0DTC8-68	ARKSAP	VARKSAPATGGVKKPHRYRPGTVAL	GARKSAPLIELCVDE
Q16695-3	P0DTC8-82	ARKSAP	VARKSAPATGGVKKPHRYRPGTVAL	RVGARKSAPLIELCV
P25440	P0DTD1-424	KKGAKL	KKGAKLAALQGS	TPSFKKGAKLLHKPI
P25440	P0DTD1-580	KKGAKL	KKGAKLAALQGS	PDLNGDVVAIDYKHYTPSFKKGAKLLHK PIVWHVNNATN
P25440	P0DTC1-518	KKGAKL	KKGAKLAALQGS	HYTPSFKKGAKLLHK
P25440	P0DTC1-1006	KKGAKL	KKGAKLAALQGS	SFKKGAKLLHKPIVW
P57073	P0DTC9-3	APSASA	KSAPSASASPT	APSASAFFGM
P57073	P0DTC9-4	APSASA	KSAPSASASPT	AQFAPSASA
P57073	P0DTC9-5	APSASA	KSAPSASASPT	AQFAPSASAFFGMSR
P57073	P0DTC9-38	APSASA	KSAPSASASPT	FAPSASAFF
P57073	P0DTC9-73	APSASA	KSAPSASASPT	WPQIAQFAPSASAFF
P57073	P0DTC9-103	APSASA	KSAPSASASPT	QFAPSASAFFGMSRI
P57073	P0DTC9-107	APSASA	KSAPSASASPT	AQFAPSASAF
P57073	P0DTC9-178	APSASA	KSAPSASASPT	QFAPSASAFF
P57073	P0DTC9-440	APSASA	KSAPSASASPT	APSASAFFGMSRIGM
P57073	P0DTC9-461	APSASA	KSAPSASASPT	IAQFAPSASAFFGMS
Q8N729	P0DTC9-16	LALLLL	APASRPRLALLLLLLLLPLP	LALLLLDRL
Q8N729	P0DTC9-42	LALLLL	APASRPRLALLLLLLLLPLP	GDAAALLLLDRLNQL
Q8N729	P0DTC9-93	LALLLL	APASRPRLALLLLLLLLPLP	DAALLLLDRLNQL

Q8N729	P0DTC9-118	LALLLL	APASRPR LALLLL LLLPLP	PARMAGNGGDAA LALLLDRLNQLESK MSGKGQQQQGQ
Q8N729	P0DTC9-120	LALLLL	APASRPR LALLLL LLLPLP	AA LALLLDRLNQLE
Q8N729	P0DTC9-157	LALLLL	APASRPR LALLLL LLLPLP	AGNGGDAA LALLLD
Q8N729	P0DTC9-216	LALLLL	APASRPR LALLLL LLLPLP	AA LALLLDRLNQLES
Q8N729	P0DTC9-221	LALLLL	APASRPR LALLLL LLLPLP	AGNGGDAA LALLLDR
Q8N729	P0DTC9-224	LALLLL	APASRPR LALLLL LLLPLP	A LALLLDRLNQLESK
Q8N729	P0DTC9-229	LALLLL	APASRPR LALLLL LLLPLP	ARMAGNGGDAA LALLLDRLNQLESK MSGKG
Q8N729	P0DTC9-231	LALLLL	APASRPR LALLLL LLLPLP	DAA LALLLDRLNQLE
Q8N729	P0DTC9-245	LALLLL	APASRPR LALLLL LLLPLP	GGDAA LALLLDRLNQ
Q8N729	P0DTC9-249	LALLLL	APASRPR LALLLL LLLPLP	GNGGDAA LALLLDRL
Q8N729	P0DTC9-262	LALLLL	APASRPR LALLLL LLLPLP	LALLLDRLNQLESKM
Q8N729	P0DTC9-277	LALLLL	APASRPR LALLLL LLLPLP	MAGNGGDAA LALLLD
Q8N729	P0DTC9-282	LALLLL	APASRPR LALLLL LLLPLP	NGGDAA LALLLDRLN
Q8N729	P0DTC9-313	LALLLL	APASRPR LALLLL LLLPLP	RMAGNGGDAA LALLL
Q8N729	P0DTC9-339	LALLLL	APASRPR LALLLL LLLPLP	SSRGTSPARMAGNGGDAA LALLLDRL NQLESKMSGKGQ
Q8N729	P0DTC9-359	LALLLL	APASRPR LALLLL LLLPLP	AA LALLLDRLNQLESKMS
Q8N729	P0DTC9-394	LALLLL	APASRPR LALLLL LLLPLP	MAGNGGDAA LALLLDR
Q8N729	P0DTC9-417	LALLLL	APASRPR LALLLL LLLPLP	RMAGNGGDAA LALLLDRL
Q8N729	P0DTC9-438	LALLLL	APASRPR LALLLL LLLPLP	A LALLLDRLNQLES
Q8N729	P0DTC9-453	LALLLL	APASRPR LALLLL LLLPLP	GGDAA LALLLDRLN
Q8N729	P0DTC9-456	LALLLL	APASRPR LALLLL LLLPLP	GNGGDAA LALLLDR
Q8N729	P0DTC9-480	LALLLL	APASRPR LALLLL LLLPLP	MAGNGGDAA LALLL
Q9NWB7	P0DTC2-99	RKSNLK	KLKLLRYEEFL RKSNLKAPSRHYF	RKSNLKPFERDISTE
Q9NWB7	P0DTC2-119	Y?????RKSNLK	KLKLLRYEEFL RKSNLKAPSRHYF	YLYRLF RKSNLKPFE
Q9NWB7	P0DTC2-159	???RKSNLK	KLKLLRYEEFL RKSNLKAPSRHYF	RLF RKSNLK
Q9NWB7	P0DTC2-242	?Y?????RKSNLK	KLKLLRYEEFL RKSNLKAPSRHYF	KVGGNYNYLYRLF RKSNLKP
Q9NWB7	P0DTC2-272	???RKSNLK	KLKLLRYEEFL RKSNLKAPSRHYF	RLF RKSNLKPFERDISTEY
Q9NWB7	P0DTC2-330	?RKSNLK	KLKLLRYEEFL RKSNLKAPSRHYF	FRKSNLKPFERDIST
Q9NWB7	P0DTC2-452	???RKSNLK	KLKLLRYEEFL RKSNLKAPSRHYF	RLF RKSNLKP
Q9NWB7	P0DTC2-572	?Y?????RKSNLK	KLKLLRYEEFL RKSNLKAPSRHYF	YNYLYRLF RKSNLKP

Q9NWB7	P0DTC2-576	???RKSNLK	KLKLLRYEEEF LRKSNLK APSRHYF	YRLF FRKSNLK PFERD
Q9NWB7	P0DTC2-713	?Y?????RKSNLK	KLKLLRYEEEF LRKSNLK APSRHYF	VGGNYNYLYRLF FRKSNLK P
Q9NWB7	P0DTC2-725	?Y?????RKSNLK	KLKLLRYEEEF LRKSNLK APSRHYF	LDSKVGGNYNYLYRLF FRKSNLK PF
Q9NWB7	P0DTC2-742	??RKSNLK	KLKLLRYEEEF LRKSNLK APSRHYF	LF FRKSNLK PFERDIS
Q9NWB7	P0DTC2-951	?Y?????RKSNLK	KLKLLRYEEEF LRKSNLK APSRHYF	GGNYNYLYRLF FRKSNLK PFERDI
Q9NWB7	P0DTC2-1025	?RKSNLK	KLKLLRYEEEF LRKSNLK APSRHYF	FRKSNLK PFERD
Q9NWB7	P0DTC2-1115	???RKSNLK	KLKLLRYEEEF LRKSNLK APSRHYF	RLF FRKSNLK PFE
Q9NWB7	P0DTC2-1196	?RKSNLK	KLKLLRYEEEF LRKSNLK APSRHYF	FRKSNLK PFERDISTEIYQA
Q9NWB7	P0DTC2-1204	?Y?????RKSNLK	KLKLLRYEEEF LRKSNLK APSRHYF	GGNYNYLYRLF FRKSNLK PFE
Q9NTJ3	P0DTC2-24	KVEAEV	KVEAEV KRLH	RLD KVEAEV
Q9NTJ3	P0DTC2-38	KVEAEV?	KVEAEV KRLH	DILSRD KVEAEV QI
Q9NTJ3	P0DTC2-292	KVEAEV?	KVEAEV KRLH	VLNDILSRD KVEAEV QIDR
Q9NTJ3	P0DTC2-362	KVEAEV?	KVEAEV KRLH	LSRD KVEAEV QIDR
Q9NTJ3	P0DTC2-508	KVEAEV	KVEAEV KRLH	LNDILSRD KVEAEV
Q9NTJ3	P0DTC2-755	KVEAEV?	KVEAEV KRLH	NTLVKQLSSNFGAISSVLNDILSRD KVEAEV QIDRLITGRLQSLQTY
Q9NTJ3	P0DTC2-933	KVEAEV?	KVEAEV KRLH	LSRD KVEAEV QIDRLITGR
Q9NTJ3	P0DTC2-1069	KVEAEV?	KVEAEV KRLH	LSRD KVEAEV QID
Q9NTJ3	P0DTC2-1243	KVEAEV?	KVEAEV KRLH	RLD KVEAEV QIDRLI
P19875	P0DTC3-125	LLLVA	RVALL LLLVA ASRR	H LLLVA AGLEAPFLY
P19875	P0DTC3-169	LLLVA	RVALL LLLVA ASRR	YSH LLLVA AGLEAPF