

Acr00054	type	I-D	.....MNYKELKDLMSPIFENSELWEIDLVSFELEITEEFKELIQNAILLQQVINN.....	53
Acr00053	type	I-D	.....MKKDLYMRKIRYKRSDRKMKYKTLKDLMSPIFENSELWEVDLIFSPEVELDEQEFKELIQNAILLQQVINN.....	71
Acr00004	type	I-D	.....MKMKMFETLKNMINPVFENSEIWEVDLIFSEEIELTEDEYKDLTKNADPLQEIIINDTT.....G	59
Acr00055	type	I-D	.....MNYKELEKMLDVFIFENSEIKEIDLFFDPEVEISKQEFEDLVKNADPLQKVVG.....	53
Acr00003	type	I-D	.....MNYKELEKMLDVFIFENSEIKEIDLFFDPEVEISKQEFEDLVKNADPLQKVVG.....	53
Acr00287	type	II-C	.....SMSKNNIFNKYPT.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP...VNGELGGIGEPRRLAYDS.....R	72
Acr00231	type	II-C	.....MSKNNIFNKYPT.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP...VNGELGGIGEPRRLAYDS.....R	71
Acr00288	type	II-C	.....MASKNNIFNKYPT.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP...VNGELGGIGEPRRLAYDS.....R	72
Acr00233	type	II-C	.....MSKNNIFNKYPT.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGGIPAKP...VNGELGGIGEPRRLAYDS.....R	71
Acr00232	type	II-C	MAAFLKGFKMSKNNIFNKYPT.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGGIPAKP...VNGELGGIGEPRRLAYDS.....R	80
Acr00234	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP...VDGELGGIGEPLRLAYDS.....R	71
Acr00239	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGGIPAKP...IDGELGGIGEPRRLAYDS.....R	71
Acr00241	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVVHTCYPRFLARKSFDDNFTGEIPAKP...IDGELGGIGEPLRLAYDS.....R	71
Acr00240	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP...VDGELGGIGEPLRLAYDS.....R	71
Acr00237	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP...VDGELGGIGEPLRLAYDS.....R	71
Acr00238	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP...VDGELGGIGEPLRLAYDS.....R	71
Acr00242	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEIPAKP...IDGELGGIGEPLRLAYDS.....R	71
Acr00236	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP...VNGELGGIGEPRRLAYDS.....R	71
Acr00235	type	II-C	.....MSKNNIFKKYPT.....IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP...VNGELGGIGEPLRLAYDS.....R	71
Acr00257	type	II-C	.....MDEIDELSDLPTPRFIWGFAIDVTPS.....GEVSHDEFEYLTHTRSPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFENPKRMFYIT.....D	83
Acr00255	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPS.....GEVSHDEFEYLTHTRSPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFENPKRMFYIT.....D	83
Acr00258	type	II-C	.....MDEIDELSDLPTPRFIWGFAIDVTPS.....GEVSHDEFEYLTHTRAPRFACRVVELEDMPAEPEDDG...DIDGRIVHFENPKRMFYIT.....D	83
Acr00244	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPS.....GEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00243	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPS.....GEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00247	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPS.....GEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00245	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTQS.....GEVSHDEFEYLTHTRAPRFTCRVVELEDLP AEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00246	type	II-C	.....MDEIDELSDLPTPRFIWGFAITVTPS.....GEVSHDEFEYLTHTRAPRFTCRVVELEDLP AEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00250	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVSPS.....GEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00251	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVSPS.....GEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00249	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVSPS.....GEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00253	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPS.....GEVSHDEFEYLTHTRTPRFTCRVVELEDAP AEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00256	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPS.....GEVSHDEFEYLTHTRTPRFTCRVVELEDAP AEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00262	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPS.....GEVSHDEFEYLTHTRTPRFTCRVVELEDAP AEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00254	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPS.....GEVSHDEFEYLTHTRVPRFTCRVVELEDAP AEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00252	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPS.....GEVSHDEFEYLTHTRAPRFTCRVVELEDAP AEPEDDG...DIDGRIVHFDNPKRMFYIT.....D	83
Acr00279	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00282	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00280	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00278	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00281	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00283	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00276	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00271	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00270	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKS.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00272	type	II-C	.....MDEIEDLSLPMMPFIWGFAVIAGKS.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPAEESEDA...IDGRIVHDDDPSRMFYIT.....D	82
Acr00284	type	II-C	.....MDEIEDLSLPMMPFIWGFAVAAGRS.....GEVLHDEFEYLTHTRSPRFTCRVVELEDMPVPTNDEGG...IDGRIVHPDDPRRMFYIT.....D	82
Acr00285	type	II-C	.....MDEIEGLSDLPMMPFIWGFAVAAGRD.....GDVLHDEFEYLTHTRTPRFTCRVVELEDVPSDNEEGD...IDGRIVHPDDPRRMFYIT.....D	82
Acr00263	type	II-C	.....MDEIEDLSLPMMPFIWGFAVVAGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDVPAADNGEDD...IDGRIVHHDEPRRLFYIT.....D	82
Acr00275	type	II-C	.....MDDMDEIDDLSDLPMMPFIWGFAVIANKG.....GDVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEDSG...IDGRIVHDDDPSRMFYIT.....D	85
Acr00274	type	II-C	.....MDDMDEIDDLSDLPMMPFIWGFAVIANKG.....GDVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEDSG...IDGRIVHDDDPSRMFYIT.....D	82
Acr00269	type	II-C	.....MDDMDEIDDLSDLPMMPFIWGFAVIANKG.....GDVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEDSG...IDGRIVHHDEPRRMFYIT.....D	85
Acr00265	type	II-C	.....MDDMDELDDLSDLPIPQFIWGFAVIANKG.....GDVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEDSG...IDGRIVHHDEPRRMFYIT.....D	85
Acr00268	type	II-C	.....MDEIDDLSDLPMMPFIWGFAVVANKG.....GEIMHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG...IDGRVVHYDEPDRLFYIT.....D	82
Acr00266	type	II-C	.....MDELDELDDLSDLPMMPFIWGFAVVASKG.....GDVTHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG...IDGRVVHYDEPDRLFYIT.....D	85
Acr00264	type	II-C	.....MDDMDEIDDLSDLPMMPFIWGFAITASKG.....GEVSHDEFEYLTHTRNPRFSCRVVELEDVPAADSEESG...IDGRLVHYDEPDRLFYIT.....D	85
Acr00277	type	II-C	.....MDEIDDLSDLPMMPFIWGFAIATGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPTESDSD...IDGRIVHYDDPARLFYIT.....D	82
Acr00273	type	II-C	.....MDEIDDLSDLPMMPFIWGFAIATGKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPTESDSEG...IDGRIVHYDDPARLFYIT.....D	82
Acr00267	type	II-C	.....MDEIDDLSDLPMMPFIWGFAIFTPKG.....GEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEENG...IDGRIVHYDEPGRLFYIT.....D	82

logo



Acr00054	type I-D	.KIYSDFYEWWEFE.....NQY.....LKIQVKYKDKTEKIYLRELYFWREVKK....	96
Acr00053	type I-D	.KIYSDFYEWWEFE.....NQY.....LELEIDYYRYDDKIFVLELHFWRREEKK....	114
Acr00004	type I-D	VNIYTDITYEWWEFN.....NQY.....LELEIDYYRQNDKIYLLLELHFWRKVKK....	103
Acr00055	type I-D	.NYITETFEWWEFE.....NQY.....LEFELDYYVKDEKIFVLEMHFWRKIRKLE..	98
Acr00003	type I-D	.NYITETFEWWEFE.....NQY.....LEFELDYYVKDEKIFVLEMHFWRKIRK....	96
Acr00287	type II-C	LGLWLSDFIMLDNN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAADLEGWDD..	124
Acr00231	type II-C	LGLWLSDFIMLDNN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAADLEGWDD..	123
Acr00288	type II-C	LGLWLSDFIMLDNN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAADLEGWDD..	124
Acr00233	type II-C	LGLWLSDFIMLDNN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00232	type II-C	LGLWLSDFIMLDNN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	132
Acr00234	type II-C	LGLWLSDFIMLDNN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00239	type II-C	LGLWLSDFIMLDNN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00241	type II-C	IGLWLSDFIMLDKN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00240	type II-C	IGLWLSDFIMLDKN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00237	type II-C	IGLWLSDFIMLDKN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00238	type II-C	MGLWLSDFIMLDKN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00242	type II-C	IGLWLSDFIMLDKN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00236	type II-C	LGLWLSDFIMLDKN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00235	type II-C	MGLWLSDFIMLDNN.....KPKNMEDWLGQLKAACDRIAADDMLNEDAAALEGWDD..	123
Acr00257	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	129
Acr00255	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	129
Acr00258	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	129
Acr00244	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00243	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00247	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00245	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00246	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00250	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00251	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00249	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00253	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00256	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	131
Acr00262	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	131
Acr00254	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	131
Acr00252	type II-C	LGLALMNFTLFDKV.....DNK.....AKLKNACDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00279	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	126
Acr00282	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	126
Acr00280	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	126
Acr00278	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	126
Acr00281	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	125
Acr00283	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	125
Acr00276	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	126
Acr00271	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	126
Acr00270	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	126
Acr00272	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	126
Acr00284	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00285	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00263	type II-C	AGMALVNFQLFDKM.....PDK.....QKFKRICDEAIDWLTTRDFLDSE.EDDEE..	126
Acr00275	type II-C	IGMALVNFQLFDKL.....PDK.....GKLNVCDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00274	type II-C	IGMALVNFQLFDKL.....PDK.....GKLNVCDEAIDWLTTRDFLDSE.EDDEE..	127
Acr00269	type II-C	IGMALVNFQLFDKL.....PDK.....GKLNVCDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00265	type II-C	IGMALVNFQLFDKL.....PDK.....GKLNVCDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00268	type II-C	AGMALVNFQLFDKL.....PDK.....AKLKKVCDEAIDWLTTRDFLDSE.EDDEE..	127
Acr00266	type II-C	AGMALVNFQLFDKL.....PDK.....AKLKKVCDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00264	type II-C	AGMALVNFQLFDKL.....PDK.....AKLKKVCDEAIDWLTTRDFLDSE.EDDEE..	130
Acr00277	type II-C	AGMALVNFQLFDKL.....PDK.....AKLKKVCDEAIDWLTTRDFLDSE.EDDEE..	127
Acr00273	type II-C	AGMALVNFQLFDKL.....PDK.....AKLKKVCDEAIDWLTTRDFLDSE.EDDEE..	127
Acr00267	type II-C	AGMALVNFQLFDKL.....PDK.....AKLKKVCDEAIDWLTTRDFLDSE.EDDEE..	128

 non conserved
 similar
 $\geq 50\%$ conserved