

[illegible]




Acr00241	type II-C	MSKNNIFKKYPP	IIHGEARGENDEFVVTCTYPRFLARKSFDDNFTGGIPAKP	52
Acr00239	type II-C	MSKNNIFKKYPP	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGGIPAKP	52
Acr00232	type II-C	MAAFLKGFKMSKNNIFNKYPT	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGGIPAKP	61
Acr00233	type II-C	MSKNNIFNKYPT	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGGIPAKP	52
Acr00287	type II-C	SMSKNNIFNKYPT	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP	53
Acr00231	type II-C	MSKNNIFNKYPT	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP	52
Acr00288	type II-C	MASKNNIFNKYPT	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP	53
Acr00234	type II-C	MSKNNIFKKYPP	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP	52
Acr00240	type II-C	MSKNNIFKKYPP	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP	52
Acr00237	type II-C	MSKNNIFKKYPP	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP	52
Acr00238	type II-C	MSKNNIFKKYPP	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP	52
Acr00242	type II-C	MSKNNIFKKYPP	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGGIPAKP	52
Acr00236	type II-C	MSKNNIFKKYPP	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP	52
Acr00235	type II-C	MSKNNIFKKYPT	IIHGEARGENDEFVVHTRYPRFLARKSFDDNFTGEMPAKP	52
Acr00282	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKGGEVMHDEFEYLTHTRS	63
Acr00279	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKGGEVMHDEFEYLTHTRS	63
Acr00280	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKGGEVMHDEFEYLTHTRS	63
Acr00278	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKGGEVMHDEFEYLTHTRS	63
Acr00281	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKGGEVMHDEFEYLTHTRS	63
Acr00283	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKGGEVMHDEFEYLTHTRS	63
Acr00276	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKGGEVMHDEFEYLTHTRS	63
Acr00271	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKGGEVMHDEFEYLTHTRS	63
Acr00270	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKSGEVMHDEFEYLTHTRS	63
Acr00272	type II-C	MDEIEDLSDLPMPRFI	WGF AVIAGKSGEVMHDEFEYLTHTRS	63
Acr00284	type II-C	MDEIEDLSDLPMPRFI	WGF AVAAGRSGEVLHDEFEYLTHTRS	63
Acr00285	type II-C	MDEIEGLSDLPMPRFI	WGF AVAAGRDGVLDHDEFEYLTHTRT	63
Acr00263	type II-C	MDEIEDLSDLPMPRFI	WGF AVVAGKGGEVMHDEFEYLTHTRS	63
Acr00268	type II-C	MDEIDDLSDLPMPRFI	WGF AVVANKGGEIMHDEFEYLTHTRS	63
Acr00266	type II-C	MDELDELDDLSDLPMPRFI	WGF AVVASKGGEVTHDEFEYLTHTRS	66
Acr00264	type II-C	MDDMDEIDDLSDLPMPRFI	WGF AITASKGGEVSHDEFEYLTHTH	66
Acr00265	type II-C	MDDMDELDDLSDLPIPQFI	WGF AVIANKGGEVMHDEFEYLTHTRS	66
Acr00269	type II-C	MDDMDEIDDLSDLPMPRFI	WGF AVIANKGGEVMHDEFEYLTHTRS	66
Acr00275	type II-C	MDDMDEIDDLSDLPMPRFI	WGF AVIANKGGEVMHDEFEYLTHTRS	66
Acr00274	type II-C	MDEIDDLSDLPMPRFI	WGF AVIANKGGEVMHDEFEYLTHTRS	63
Acr00260	type II-C	MDEIDDLSDLPMPRFI	WGF AIFTPKGGEVMHDEFEYLTHTRAP	63
Acr00261	type II-C	MDEIDDLSDLPMPRFI	WGF AIFTPKGGEVMHDEFEYLTHTRAP	63
Acr00259	type II-C	MDEIDDLSDLPMPRFI	WGF AIFTPKGGEVMHDEFEYLTHTRAP	63
Acr00248	type II-C	MDEIDDLSDLPMPRFI	WGF AIFTPKGGEVMHDEFEYLTHTRS	63
Acr00267	type II-C	MDEIDDLSDLPMPRFI	WGF AIFTPKGGEVMHDEFEYLTHTRS	63
Acr00273	type II-C	MDEIDDLSDLPMPRFI	WGF AIATGKGGEVMHDEFEYLTHTRS	63
Acr00277	type II-C	MDEIDDLSDLPMPRFI	WGF AIATGKGGEVMHDEFEYLTHTRS	63
Acr00286	type II-C	MDEIDDLSDLPTPRFI	WGF AITTGKGGEVMHDEFEYLTHTQAPR	64
Acr00253	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTPSGEVSHDEFEYLTHTRT	63
Acr00256	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTPSGEVSHDEFEYLTHTRT	63
Acr00262	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTPSGEVSHDEFEYLTHTRT	63
Acr00254	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTPSGEVSHDEFEYLTHTRV	63
Acr00252	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTPSGEVSHDEFEYLTHTRAP	63
Acr00243	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTPSGEVSHDEFEYLTHTRAP	63
Acr00244	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTPSGEVSHDEFEYLTHTRAP	63
Acr00245	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTQSGEVSHDEFEYLTHTRAP	63
Acr00247	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTPSGEVSHDEFEYLTHTRAP	63
Acr00246	type II-C	MDEIDELSDLPTPRFI	WGF AITVTPSGEVSHDEFEYLTHTRAP	63
Acr00251	type II-C	MDEIDELSDLPTPRFI	WGF AIAVSPSGEVSHDEFEYLTHTRAP	63
Acr00250	type II-C	MDEIDELSDLPTPRFI	WGF AIAVSPSGEVSHDEFEYLTHTRAP	63
Acr00249	type II-C	MDEIDELSDLPTPRFI	WGF AIAVSPSGEVSHDEFEYLTHTRAP	63
Acr00257	type II-C	MDEIDELSDLPTPRFI	WGF AIDVTPSGEVSHDEFEYLTHTRS	63
Acr00255	type II-C	MDEIDELSDLPTPRFI	WGF AIAVTPSGEVSHDEFEYLTHTRS	63
Acr00258	type II-C	MDEIDELSDLPTPRFI	WGF AIDVTPSGEVSHDEFEYLTHTRAP	63

LDGRIVHDEPRMFYITDGLALNFELEDK₁PPDK₂KLK₃KA₄QDAIADWLLRREELD₅EEDDD₆
DYNELGQYF₇ILLADSR₈IA₉ML₁₀SD₁₁IT₁₂ML₁₃YK₁₄SD₁₅ENME₁₆W₁₇L₁₈Q₁₉Q₂₀IR₂₁Y₂₂SA₂₃AE₂₄DV₂₅HL₂₆NDDAAE₂₇EL₂₈EE₂₉EE₃₀

Acr00241	type II-CIDGELGQIGEPRLRLAYDSRIGLWLSDFIMLDKNKPNMEEWLEQLKAA	CDRIAADD	MLNEDAAA	LEGWDD	123
Acr00239	type II-CIDGELGQIGEPRLRLAYDSRIGLWLSDFIMLDKNKPNMEEWLEQLKAA	CDRIAADD	MLNEDAAA	LEGWDD	123
Acr00232	type II-CVNGELGQIGEPRLRLAYDSRIGLWLSDFIMLDNNKPESMEDWLGQLKAA	CDRIAADD	MLNEDAAA	LEGWDD	132
Acr00233	type II-CVNGELGQIGEPRLRLAYDSRIGLWLSDFIMLDNNKPESMEDWLGQLKAA	CDRIAADD	MLNEDAAA	LEGWDD	123
Acr00287	type II-CVNGELGQIGEPRLRLAYDSRIGLWLSDFIMLDNNKPNMEDWLGQLKAA	CDRIAADD	MLNEDAAD	LEGWDD	124
Acr00231	type II-CVNGELGQIGEPRLRLAYDSRIGLWLSDFIMLDNNKPNMEDWLGQLKAA	CDRIAADD	MLNEDAAD	LEGWDD	123
Acr00288	type II-CVNGELGQIGEPRLRLAYDSRIGLWLSDFIMLDNNKPNMEDWLGQLKAA	CDRIAADD	MLNEDAAD	LEGWDD	124
Acr00234	type II-CVDGELGQIGEPRLRLAYDSRIGLWLSDFIMLDNNKPNMEDWLGQLKAA	CDRIAADD	MLNEDAAA	LEGWDD	123
Acr00240	type II-CVDGELGQIGEPRLRLAYDSRIGLWLSDFIMLDKNKPNMEEWLEQLKAA	CDRIAADD	MLNEDAAD	LGDFDD	123
Acr00237	type II-CVDGELGQIGEPRLRLAYDSRIGLWLSDFIMLDKNKPNMEEWLEQLKAA	CDRIAADD	MLNEDAAD	LGDLDD	123
Acr00238	type II-CVDGELGQIGEPRLRLAYDSRMGLWLSDFIMLDKNKPNMEEWLEQLKAA	CDRIAADD	MLNEDAAD	LGDLDD	123
Acr00242	type II-CIDGELGQIGEPRLRLAYDSRIGLWLSDFIMLDKNKPNMEEWLEQLKAA	CDRIAADD	MLNEDAAD	LGDFDD	123
Acr00236	type II-CVNGELGQIGEPRLRLAYDSRIGLWLSDFIMLDKNKPNMEEWLEQLKVA	CDRIAADD	MLNEDAAD	LEDLDD	123
Acr00235	type II-CVNGELGQIGEPRLRLAYDSRMGLWLSDFIMLDNNKPNMEEWLEQLKAA	CDRIAADD	MLNEDAAD	LEDLDD	123
Acr00282	type II-C	....IDGRIVHDDDDPSRMFYITDAGMALVNFHLFDKMPDK.....QKFKRI	CDEAIANWMLRREF	LDDEED	.....	126
Acr00279	type II-C	....IDGRIVHDDDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKFKRI	CDEAIANWMLRREF	LDDEED	.....	126
Acr00280	type II-C	....IDGRIVHDDDDPSRMFYITDAGMALVNFHLFDKMPDK.....QKFKRI	CDEAIANWMLRREF	LDDEED	.....	126
Acr00278	type II-C	....IDGRIVHDDDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKFKRI	CDEAIANWMLRREF	LDDEED	.....	126
Acr00281	type II-C	....IDGRIVHDDDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKFKRI	CDEAIANWMLRREF	LDDEED	.....	125
Acr00283	type II-C	....IDGRIVHDDDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKFKRI	CDEAIANWMLRREF	LDDEED	.....	125
Acr00276	type II-C	....IDGRIVHDDDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKFKRI	CDEAIANWMLRREF	LDDEED	.....	126
Acr00271	type II-C	....IDGRIVHDDDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKLKRI	CDEAIANWMLRREF	LDDEED	.....	126
Acr00270	type II-C	....IDGRIVHDDDDPRRMFYITDAGMALVNFQLFDKMPDK.....QKFKRI	CDEAIANWMLRREF	LDDEED	.....	126
Acr00272	type II-C	....IDGRIVHDDDDPRRMFYITDAGMALVNFQLSDKMPDK.....QKFKRI	CDEAIANWMLRREF	LDDEED	.....	126
Acr00284	type II-C	....IDGRIVHPDDPRRMFYITDAGMALVNFAMFDKMPER.....QKLKQI	CDAIANWMLRREF	LEEGEGEDDEE	.....	130
Acr00285	type II-C	....IDGRIVHPDDPRRMFYITDAGMALVNFAMFDKMPDR.....QKLKKI	CDAIANWMLRREF	LEDEEDEDDEE	.....	130
Acr00263	type II-C	....IDGRIVHHDEPRRLFYITDAGMALVNFELFDKLPDK.....AKLKKV	CDEAIANWMLRREF	LDDEED	.....	126
Acr00268	type II-C	....IDGRIVVHYDEPDRLFYITDAGMALVNFQLFDKLPDK.....AKLKKV	CDEAIANWMLRREF	LDDEEDEG	.....	127
Acr00266	type II-C	....IDGRIVVHYDEPDRLFYITDAGMALVNFQLFDKLPDK.....AKLKKV	CDEAIANWMLRREF	LDDEEDGE	.....	130
Acr00264	type II-C	....IDGRIVVHYDEPDRLFYITDAGMALVNFQMFDKLPDK.....SRLKKV	CDEAIKNWMLRREF	LDDEEDEG	.....	130
Acr00265	type II-C	....IDGRIVVHYDEPDRLFYITDAGMALVNFQLFDKLPDK.....GKLKKV	CDEAIANWMLRREF	LDDEEDEA	.....	130
Acr00269	type II-C	....IDGRIVVHYDEPDRLFYITDAGMALVNFQLFDKLPDK.....GKLKKV	CDEAIANWMLRREF	LDDEEDEA	.....	130
Acr00275	type II-C	....IDGRIVVHYDEPDRLFYITDAGMALVNFQLFDKLPDK.....GKLKNV	CDEAIANWMLRREF	LDDEEDEA	.....	130
Acr00274	type II-C	....IDGRIVVHYDEPDRLFYITDAGMALVNFQLFDKLPDK.....GKLKNV	CDEAIANWMLRREF	LDDEEDEA	.....	127
Acr00260	type II-C	....IDGRIVHYDEPGRLFYISDAGIALVNFELFDKVPK.....QKLKKI	CDEAIENWMLRRD	FLDSEEGED	.....	128
Acr00261	type II-C	....IDGRIVHYDEPGRLFYISDAGIALVNFELFDKVPK.....QKLKKI	CDEAIENWMLRRD	FLDSEEGED	.....	128
Acr00259	type II-C	....IDGRIVHYDEPGRLFYISDAGIALVNFELFDKVPK.....QKLKKI	CDEAIENWMLRRD	FLDSEEGEG	.....	128
Acr00248	type II-C	....IDGRIVHYDEPGRLFYITDAGIALVNFELFDNLPDK.....NKLKKV	CDEAIENWMLRRD	FLDSEEGED	.....	128
Acr00267	type II-C	....IDGRIVHYDEPGRLFYITDAGIALVNFELFDNLPDK.....NKLKKV	CDEAITNWMLRRD	FLESEEDDED	.....	128
Acr00273	type II-C	....IDGRIVHYDDPARLFYITDAGMALVNFELFDKLPDR.....QKLKKV	CDEAIRNWMIRRD	FLDSEEDDED	.....	127
Acr00277	type II-C	....IDGRIVHYDDPARLFYITDAGMALVNFELFDKLPDR.....QKLKKV	CDEAIRNWMIRRD	FLDSEEDDED	.....	127
Acr00286	type II-C	..VDIDGRIVHFDFAARMFYITDAGMALVNFQLFDPPGDK.....GRLKKV	CDEAIRNWMLRRD	FLDEDDDDMAG	.....	131
Acr00253	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKVDNK.....SKLKDA	CDQAIADWLTRREF	LDSEPDDDED	.....	130
Acr00256	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKVDNK.....AKLKDA	CDQAIADWLTRREF	LDSEPDDDED	.....	131
Acr00262	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKVDNK.....SKLKNAC	CDQAIADWLTRRD	FLDSEPDDDED	.....	131
Acr00254	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKVDNK.....TKLKNAC	CDQAIADWLTRREF	LDSEPDDDED	.....	131
Acr00252	type II-C	..GIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKVDNSK.....AKLKKA	CDEAIADWLARREF	LDSEPDDDEE	.....	130
Acr00243	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKVDNSK.....AKLKKA	CDQAIADWLTRRD	FLDSEPEDDEE	.....	130
Acr00244	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKVDNSK.....AKLKKA	CDQAIADWLTRRD	FLDSEPEDDEE	.....	130
Acr00245	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKRVESK.....AKLKKA	CDQAIADWLTRRD	FLDSEPEDDEE	.....	130
Acr00247	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKRVESK.....AKLKKA	CDQAIADWLTRRD	FLDSEPEDDEE	.....	130
Acr00246	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKRVESK.....AKLKKA	CDQAIADWLTRRD	FLDSEPEDDEE	.....	130
Acr00251	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKRVESK.....TKLKKA	CDQAIADWLTRREF	LDSEPEDDEE	.....	130
Acr00250	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKRVESK.....AKLKKA	CDQAIADWLTRREF	LDSEPEDDEE	.....	130
Acr00249	type II-C	..DIDGRIVHFDNPKRMFYITDLGLALMNFLLFDKRVESK.....AKLKQA	CDQAIADWLTRREF	LDSEPEDDEG	.....	130
Acr00257	type II-C	..DIDGRIVHFENPKRMFYITDLGLALMNFLLFDKVDNK.....AKLKNAC	CDEAIADWLTRRD	FLDSE.EDDEE	.....	129
Acr00255	type II-C	..DIDGRIVHFENPKRMFYITDLGLALMNFLLFDKVDNK.....AKLKNAC	CDEAIADWLTRRD	FLDSE.EDDEE	.....	129
Acr00258	type II-C	..DIDGRIVHFENPKRMFYITDLGLALMNFLLFDKVDNK.....AKLKKA	CDEAIADWLTRRD	FLDSE.EDDEE	129	

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Acr00241	type	II-C	123
Acr00239	type	II-C	123
Acr00232	type	II-C	132
Acr00233	type	II-C	123
Acr00287	type	II-C	.....	124
Acr00231	type	II-C	.....	123
Acr00288	type	II-C	.....	124
Acr00234	type	II-C	.....	123
Acr00240	type	II-C	.....	123
Acr00237	type	II-C	.....	123
Acr00238	type	II-C	.....	123
Acr00242	type	II-C	.....	123
Acr00236	type	II-C	.....	123
Acr00235	type	II-C	.....	123
Acr00282	type	II-C	.....	126
Acr00279	type	II-C	.....	126
Acr00280	type	II-C	.....	126
Acr00278	type	II-C	.....	126
Acr00281	type	II-C	.....	125
Acr00283	type	II-C	.....	125
Acr00276	type	II-C	.....	126
Acr00271	type	II-C	.....	126
Acr00270	type	II-C	.....	126
Acr00272	type	II-C	.....	126
Acr00284	type	II-C	.....	130
Acr00285	type	II-C	.....	130
Acr00263	type	II-C	.....	126
Acr00268	type	II-C	.....	127
Acr00266	type	II-C	.....	130
Acr00264	type	II-C	.....	130
Acr00265	type	II-C	.....	130
Acr00269	type	II-C	.....	130
Acr00275	type	II-C	.....	130
Acr00274	type	II-C	.....	127
Acr00260	type	II-C	.....	128
Acr00261	type	II-C	.....	128
Acr00259	type	II-C	.....	128
Acr00248	type	II-C	.....	128
Acr00267	type	II-C	.....	128
Acr00273	type	II-C	.....	127
Acr00277	type	II-C	.....	127
Acr00286	type	II-C	.....	131
Acr00253	type	II-C	.....	130
Acr00256	type	II-C	.....	131
Acr00262	type	II-C	.....	131
Acr00254	type	II-C	.....	131
Acr00252	type	II-C	.....	130
Acr00243	type	II-C	.....	130
Acr00244	type	II-C	.....	130
Acr00245	type	II-C	.....	130
Acr00247	type	II-C	.....	130
Acr00246	type	II-C	.....	130
Acr00251	type	II-C	.....	130
Acr00250	type	II-C	.....	130
Acr00249	type	II-C	.....	130
Acr00257	type	II-C	.....	129
Acr00255	type	II-C	.....	129
Acr00258	type	II-C	.....	129

 non conserved
 similar
 $\geq 50\%$ conserved