






MEIDPDSLPMPREFWGFALV

Acr00239	type II-C	.....MSKNNIFKKYPP.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGGIPAKP.....	52
Acr00241	type II-C	.....MSKNNIFKKYPP.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGGIPAKP.....	52
Acr00232	type II-C	..MAAFLKGFKMSKNNIFNKYPT.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGGIPAKP.....	61
Acr00233	type II-C	.....MSKNNIFNKYPT.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGGIPAKP.....	52
Acr00287	type II-C	.....SMKNNIFNKYPT.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGEMPAKP.....	53
Acr00231	type II-C	.....MSKNNIFNKYPT.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGEMPAKP.....	52
Acr00288	type II-C	.....MASKNNIFNKYPT.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGEMPAKP.....	53
Acr00234	type II-C	.....MSKNNIFKKYPP.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGEMPAKP.....	52
Acr00240	type II-C	.....MSKNNIFKKYPP.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGEMPAKP.....	52
Acr00237	type II-C	.....MSKNNIFKKYPP.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGEMPAKP.....	52
Acr00238	type II-C	.....MSKNNIFKKYPP.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGEMPAKP.....	52
Acr00242	type II-C	.....MSKNNIFKKYPP.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGGIPAKP.....	52
Acr00236	type II-C	.....MSKNNIFKKYPP.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGEMPAKP.....	52
Acr00235	type II-C	.....MSKNNIFKKYPT.....	IIHGEARGENDEFVHVHTRYPRFLARKSFDNFTGEMPAKP.....	52
Acr00282	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00279	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00280	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00278	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00281	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00283	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00276	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00271	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00270	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKSGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00272	type II-C	.....MDEIEDLSLPMPRFIWGFVAI.....	AGKSGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA.....	63
Acr00284	type II-C	.....MDEIEDLSLPMPRFIWGFAVA.....	AGKSGEVLHDEFEYLTHTRSPRFTCRVVELEDVPTDNDEGG.....	63
Acr00285	type II-C	.....MDEIEGLSLPMPRFIWGFAVA.....	AGRDGDLHDEFEYLTHTRTPRFTCRVVELEDVPSDNEEGD.....	63
Acr00263	type II-C	.....MDEIEDLSLPMPRFIWGFVAV.....	AGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDVPAEDNGEDD.....	63
Acr00268	type II-C	.....MDEIDDLSLPMPRFIWGFVAV.....	ANKGGEIMHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG.....	63
Acr00266	type II-C	.....MDELDELDDLSDLPMPRFIWGFVAV.....	ASKGGEVTHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG.....	66
Acr00264	type II-C	.....MDDMDEIDDLSDLPMPRFIWGFAIT.....	ASKGGEVSHDEFEYLTHTRSPRFTCRVVELEDVPAEDSEESG.....	66
Acr00269	type II-C	.....MDDMDEIDDLSDLPMPRFIWGFVAI.....	ANKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSED SG.....	66
Acr00265	type II-C	.....MDDMDELDDLSDLPMPRFIWGFVAI.....	ANKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSED SG.....	66
Acr00274	type II-C	.....MDEIDDLSDLPMPRFIWGFVAI.....	ANKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSED SG.....	63
Acr00275	type II-C	.....MDDMDEIDDLSDLPMPRFIWGFVAI.....	ANKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSED SG.....	66
Acr00261	type II-C	.....MDEIDDLSDLPMPRFIWGFAIF.....	TPKGGEVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEETG.....	63
Acr00260	type II-C	.....MDEIDDLSDLPMPRFIWGFAIF.....	TPKGGEVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEESG.....	63
Acr00259	type II-C	.....MDEIDDLSDLPMPRFIWGFAIF.....	TPKGGEVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEESG.....	63
Acr00248	type II-C	.....MDEIDDLSDLPMPRFIWGFAIF.....	TPKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG.....	63
Acr00267	type II-C	.....MDEIDDLSDLPMPRFIWGFAIF.....	TPKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEENG.....	63
Acr00277	type II-C	.....MDEIDDLSDLPMPRFIWGFAIA.....	TGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPTESDSD.....	63
Acr00273	type II-C	.....MDEIDDLSDLPMPRFIWGFAIA.....	TGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPTESDSG.....	63
Acr00286	type II-C	.....MDEIDDLSDLPMPRFIWGFAIT.....	TGKGGEVMHDEFEYLTHTRAPRFTCRVVELEDMPADDEESDE.....	64
Acr00253	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTPSGEVSHDEFEYLTHTRTPRFTCRVVELEDAPAEPEDEG.....	63
Acr00256	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTPSGEVSHDEFEYLTHTRTPRFTCRVVELEDAPAEPEDEG.....	63
Acr00262	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTPSGEVSHDEFEYLTHTRTPRFTCRVVELEDAPAEPEDEG.....	63
Acr00254	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTPSGEVSHDEFEYLTHTRVPRFTCRVVELEDAPAEPEDEG.....	63
Acr00252	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDAPAEPEDDA.....	63
Acr00243	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG.....	63
Acr00244	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG.....	63
Acr00245	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTQSGEVSHDEFEYLTHTRAPRFTCRVVELEDLPAEPEEDG.....	63
Acr00247	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDLPAEPEEDG.....	63
Acr00246	type II-C	.....MDEIDELSDLPMPRFIWGFAIT.....	VTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDLPAEPEEDG.....	63
Acr00251	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VSPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG.....	63
Acr00250	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VSPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG.....	63
Acr00249	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VSPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG.....	63
Acr00255	type II-C	.....MDEIDELSDLPMPRFIWGFAIA.....	VTPSGEVSHDEFEYLTHTRSPRFTCRVVELEDMPAEPEDDG.....	63
Acr00257	type II-C	.....MDEIDELSDLPMPRFIWGFAID.....	VTPSGEVSHDEFEYLTHTRSPRFTCRVVELEDMPAEPEDDG.....	63
Acr00258	type II-C	.....MDEIDELSDLPMPRFIWGFAID.....	VTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEDDG.....	63

Acr00239	type II-C	....IDGELGGIGEPRLRAYDSRLGLWLSDFIMLDKNKPENMEEWLEQLKAAACDRIAADDMLNEDAAALEGWDD.....	123
Acr00241	type II-C	....IDGELGGIGEPRLRAYDSRIGLWLSDFIMLDKNKPENMEEWLEQLKAAACDRIAADDMLNEDAAALEGWDD.....	123
Acr00232	type II-C	....VNGELGGIGEPRLRAYDSRLGLWLSDFIMLDNNKPESMEDWLGQLKAAACDRIAADDMLNEDAAALEGWDD.....	132
Acr00233	type II-C	....VNGELGGIGEPRLRAYDSRLGLWLSDFIMLDNNKPESMEDWLGQLKAAACDRIAADDMLNEDAAALEGWDD.....	123
Acr00287	type II-C	....VNGELGGIGEPRLRAYDSRLGLWLSDFIMLDNNKPKNMEDWLGQLKAAACDRIAADDMLNEDAADLEGWDD.....	124
Acr00231	type II-C	....VNGELGGIGEPRLRAYDSRLGLWLSDFIMLDNNKPKNMEDWLGQLKAAACDRIAADDMLNEDAADLEGWDD.....	123
Acr00288	type II-C	....VNGELGGIGEPRLRAYDSRLGLWLSDFIMLDNNKPKNMEDWLGQLKAAACDRIAADDMLNEDAADLEGWDD.....	124
Acr00234	type II-C	....VDGELGGIGEPRLRAYDSRLGLWLSDFIMLDNNKPENMEDWLGQLKAAACDRIAADDMLNEDAAALEGWDD.....	123
Acr00240	type II-C	....VDGELGGIGEPRLRAYDSRIGLWLSDFIMLDKNKPENMEEWLEQLKAAACDRIAADDMLNEDAADLGDFDD.....	123
Acr00237	type II-C	....VDGELGGIGEPRLRAYDSRIGLWLSDFIMLDKNKPENMEEWLEQLKAAACDRIAADDMLNEDAADLGDLDD.....	123
Acr00238	type II-C	....VDGELGGIGEPRLRAYDSRMGLWLSDFIMLDKNKPENMEEWLEQLKAAACDRIAADDMLNEDAADLGDLDD.....	123
Acr00242	type II-C	....IDGELGGIGEPRLRAYDSRIGLWLSDFIMLDKNKPENMEEWLEQLKAAACDRIAADDMLNEDAADLGDFDD.....	123
Acr00236	type II-C	....VNGELGGIGEPRLRAYDSRLGLWLSDFIMLDKNKPENMEEWLEQLKVAACDRIAADDMLNEDAADLEDLDD.....	123
Acr00235	type II-C	....VNGELGGIGEPRLRAYDSRMGLWLSDFIMLDNNKPENMEEWLEQLKAAACDRIAADDMLNEDAADLEDLDD.....	123
Acr00282	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FHLFDKMPDK.....QKFKRICDEAIANWMLRREFLDDEEED.....	126
Acr00279	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FQLFDKMPDK.....QKFKRICDEAIANWMLRREFLDDEEED.....	126
Acr00280	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FHLFDKMPDK.....QKFKRICDEAIANWMLRREFLDDEEED.....	126
Acr00278	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FQLFDKMPDK.....QKFKRICDEAIANWMLRREFLDDEEED.....	126
Acr00281	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FQLFDKMPDK.....QKFKRICDEAIANWMLRREFLDDEEED.....	125
Acr00283	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FQLFDKMPDK.....QKFKRICDEAIANWMLRREFLDDEEED.....	125
Acr00276	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FQLFDKMPDK.....QKFKRICDEAIANWMLRREFLDDEEED.....	126
Acr00271	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FQLFDKMPDK.....QKLKRICDEAIANWMLRREFLDDEEED.....	126
Acr00270	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FQLFDKMPDK.....QKFKRICDEAIANWMLRREFLDDEEED.....	126
Acr00272	type II-C	....IDGRIVHDDDP SRMFYITDAGMALVN FQLFDKMPDK.....QKFKRICDEAIANWMLRREFLDDEEED.....	126
Acr00284	type II-C	....IDGRIVHPDDP SRMFYITDAGMALVN FAMFDKMPER.....QKLKQICDAIANWMLRREFLEEGEGEDDEE.....	130
Acr00285	type II-C	....IDGRIVHPDDP SRMFYITDAGMALVN FAMFDKMPDR.....QKLKKICDAIANWMLRREFLEDEEDEDDEE.....	130
Acr00263	type II-C	....IDGRIVHHDEPRRLFYITDAGMALVN FEFFDKLPEK.....AKLKKVCDEAIANWMLRREFLDDEEED.....	126
Acr00268	type II-C	....IDGRVVHYDEPDRLFYITDAGMALVN FQLFDKLPDK.....AKLKKVCDEAIANWMLRREFLDDEEED.....	127
Acr00266	type II-C	....IDGRVVHYDEPDRLFYITDAGMALVN FQLFDKLPDK.....AKLKKVCDEAIANWMLRREFLDDEEED.....	130
Acr00264	type II-C	....IDGRLVHYDEPDRLFYITDAGMALVN FQMFDKLPEK.....SRLKKVCDEAIKNWMLRREFLDDEEED.....	130
Acr00269	type II-C	....IDGRIVHHDEPD RMFYITDAGMALVN FQLFDKLPDK.....GKLKKVCDEAIANWMLRREFLDDEEED.....	130
Acr00265	type II-C	....IDGRIVHHDEPD RMFYITDAGMALVN FQLFDKLPDK.....GKLKKVCDEAIANWMLRREFLDDEEED.....	130
Acr00274	type II-C	....IDGRIVHHDDP DRMFYITDAGMALVN FQLFDKLPDK.....GKLKNVCDEAIANWMLRREFLDDEEED.....	127
Acr00275	type II-C	....IDGRIVHHDDP DRMFYITDAGMALVN FQLFDKLPDK.....GKLKNVCDEAIANWMLRREFLDDEEED.....	130
Acr00261	type II-C	....IDGRIVHYDEPGRLFYISDAGIALVN FELFDKVPEK.....QKLKKICDEAIENWMLRRDFLDSEEGEED.....	128
Acr00260	type II-C	....IDGRIVHYDEPGRLFYISDAGIALVN FELFDKVPEK.....QKLKKICDEAIENWMLRRDFLDSEEGEED.....	128
Acr00259	type II-C	....IDGRIVHYDEPGRLFYISDAGIALVN FELFDKVPEK.....QKLKKICDEAIENWMLRRDFLDSEEGEED.....	128
Acr00248	type II-C	....IDGRIVHYDEPGRLFYITDAGIALVN FELFDNLDPK.....NKLKKVCDEAIENWMLRRDFLDSEEGEED.....	128
Acr00267	type II-C	....IDGRIVHYDEPGRLFYITDAGIALVN FELFDNLDPK.....NKLKKVCDEAITNWMLRRDFLESEEEED.....	128
Acr00277	type II-C	....IDGRIVHYDDPARLFYITDAGMALVN FELFDKLPDR.....QKLKKVCDEAIRNWMLRRDFLDSEEDDED.....	127
Acr00273	type II-C	....IDGRIVHYDDPARLFYITDAGMALVN FELFDKLPDR.....QKLKKVCDEAIRNWMLRRDFLDSEEDDED.....	127
Acr00286	type II-C	..VDIDGRIVHFDDAARMFYITDAGMALVN FQLFDPPGDK.....GRLKKVCDEAIRNWMLRRDFLDEDDDMAG.....	131
Acr00253	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNK.....SKLKDACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00256	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNK.....AKLKDACDQAIADWLTTRREFLDSEPDDDED.....	131
Acr00262	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNK.....SKLKNACDQAIADWLTTRREFLDSEPDDDED.....	131
Acr00254	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNK.....TKLKNACDQAIADWLTTRREFLDSEPDDDED.....	131
Acr00252	type II-C	..GIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNSK.....AKLKKACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00243	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNSK.....AKLKKACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00244	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNSK.....AKLKKACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00245	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNSK.....AKLKKACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00247	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNSK.....AKLKKACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00246	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNSK.....AKLKKACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00251	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNSK.....TKLKKACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00250	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNSK.....AKLKKACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00249	type II-C	..DIDGRIVHFDNP KRMFYITDLGLALMNFTLFDKVDNSK.....AKLKKACDQAIADWLTTRREFLDSEPDDDED.....	130
Acr00255	type II-C	..DIDGRIVHFENPKRMFYITDLGLALMNFTLFDKVDNK.....AKLKNACDQAIADWLTTRREFLDSE.EDDEE.....	129
Acr00257	type II-C	..DIDGRIVHFENPKRMFYITDLGLALMNFTLFDKVDNK.....AKLKNACDQAIADWLTTRREFLDSE.EDDEE.....	129
Acr00258	type II-C	..DIDGRIVHFENPKRMFYITDLGLALMNFTLFDKVDNK.....AKLKKACDQAIADWLTTRREFLDSE.EDDEE.....	129

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Acr00232	type	II-C	.....	132
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Acr00250	type	II-C	.....	130
Acr00249	type	II-C	.....	130
Acr00255	type	II-C	.....	129
Acr00257	type	II-C	.....	129
Acr00258	type	II-C	.....	129

 non conserved  
 similar  
  $\geq 50\%$  conserved