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Acr00054	type	I-D	.....MNYKELKDMLSPIFENSELWEIDLVSPELEITEEEFKELIQNAILLQQVINN....KIY	56
Acr00053	type	I-D	.....MKKDLYMRKIRY.....KRSDRKMKYKTLKDMLSPIFENSELWEVDLIFSPELVEDEQEFKELIQNAILLQQVINN....KIY	74
Acr00004	type	I-D	.....MKMKKFETLKNMINPVFENSEIWEVDLIFSEEEIELTEDEYKDLTKNADPLQEILINDTTGVNIY	63
Acr00287	type	II-C	.....SMASKNNIFNKYPT.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEMPAKP...VNGELGQIGEPRLAYDSRLG.LWL	77
Acr00231	type	II-C	.....MSKNNIFNKYPT.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEMPAKP...VNGELGQIGEPRLAYDSRLG.LWL	76
Acr00288	type	II-C	.....MASKNNIFNKYPT.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEMPAKP...VNGELGQIGEPRLAYDSRLG.LWL	77
Acr00233	type	II-C	.....MSKNNIFNKYPT.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGGIPAKP...VNGELGQIGEPRLAYDSRLG.LWL	76
Acr00232	type	II-C	MAAFLKGFKMSKNNIFNKYPT.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGGIPAKP...VNGELGQIGEPRLAYDSRLG.LWL	85
Acr00234	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEMPAKP...VDGELGQIGEPRLAYDSRLG.LWL	76
Acr00239	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGGIPAKP...IDGELGQIGEPRLAYDSRLG.FWL	76
Acr00241	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVHVTCYPRFLARKSFDDNFTGEIPAKP...IDGELGQIGEPRLAYDSRIG.LWL	76
Acr00240	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEMPAKP...VDGELGQIGEPRLAYDSRIG.LWL	76
Acr00237	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEMPAKP...VDGELGQIGEPRLAYDSRIG.LWL	76
Acr00238	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEMPAKP...VDGELGQIGEPRLAYDSRMG.LWL	76
Acr00242	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEIPAKP...IDGELGQIGEPRLAYDSRIG.LWL	76
Acr00236	type	II-C	.....MSKNNIFKKYPP.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEMPAKP...VNGELGQIGEPRLAYDSRLG.LWL	76
Acr00235	type	II-C	.....MSKNNIFKKYPT.....IIHGEARGENDEFVHVTRYPRFLARKSFDDNFTGEMPAKP...VNGELGQIGEPRLAYDSRMG.LWL	76
Acr00256	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPSGEVSHDEFEYLTHTRTPRFTCRVVELEDAPAEPEDEG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00253	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPSGEVSHDEFEYLTHTRTPRFTCRVVELEDAPAEPEDEG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00262	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPSGEVSHDEFEYLTHTRTPRFTCRVVELEDAPAEPEDEG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00254	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPSGEVSHDEFEYLTHTRVPRFTCRVVELEDAPAEPEDEG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00252	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDAPAEPEDDA..GIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00244	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00243	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00247	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDLPAEPEEDG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00245	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTQSGEVSHDEFEYLTHTRAPRFTCRVVELEDLPAEPEEDG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00246	type	II-C	.....MDEIDELSDLPTPRFIWGFAITVTPSGEVSHDEFEYLTHTRAPRFTCRVVELEDLPAEPEEDG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00250	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVSPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00251	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVSPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00249	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVSPSGEVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG..DIDGRIVHFDNPKRMFYITDLG.LAL	88
Acr00255	type	II-C	.....MDEIDELSDLPTPRFIWGFAIAVTPSGEVSHDEFEYLTHTRSPRFTCRVVELEDMPAEPEDDG..DIDGRIVHFENPKRMFYITDLG.LAL	88
Acr00257	type	II-C	.....MDEIDELSDLPTPRFIWGFAIDVTPSGEVSHDEFEYLTHTRSPRFTCRVVELEDMPAEPEDDG..DIDGRIVHFENPKRMFYITDLG.LAL	88
Acr00258	type	II-C	.....MDEIDELSDLPTPRFIWGFAIDVTPSGEVSHDEFEYLTHTRAPRFACRVVELEDMPAEPEDDG..DIDGRIVHFENPKRMFYITDLG.LAL	88
Acr00279	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDDPSRMFYITDAG.MAL	87
Acr00282	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDDPSRMFYITDAG.MAL	87
Acr00280	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDDPSRMFYITDAG.MAL	87
Acr00278	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDDPSRMFYITDAG.MAL	87
Acr00281	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHEDDPSRMFYITDAG.MAL	87
Acr00283	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHEDDPSRMFYITDAG.MAL	87
Acr00276	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHEDDPSRMFYITDAG.MAL	87
Acr00271	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHEDDPSRMFYITDAG.MAL	87
Acr00270	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKSGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHEDDPSRMFYITDAG.MAL	87
Acr00272	type	II-C	.....MDEIEDLSLPMMPRFIWGFAVIAGKSGEVMHDEFEYLTHTRSPRFTCRVVELEDMPAESDEDA...IDGRIVHEDDPSRMFYITDAG.MAL	87
Acr00284	type	II-C	.....MDEIEDLSLPMMPRFIWGFVAAGRSGEVLHDEFEYLTHTRSPRFTCRVVELEDVPTDNDEGG...IDGRIVHPDDPSRMFYITDAG.MAL	87
Acr00285	type	II-C	.....MDEIEGLSDLPMMPRFIWGFVAAGRDGDVLHDEFEYLTHTRTPRFTCRVVELEDVPSDNEEGD...IDGRIVHPDDPSRMFYITDAG.MAL	87
Acr00263	type	II-C	.....MDEIEDLSLPMMPRFIWGFVAAGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDVPAADNGEDD...IDGRIVHDEPPRLFYITDAG.MAL	87
Acr00275	type	II-C	.....MDDMDEIDDLSDLPMMPRFIWGFVAIANKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEDG...IDGRIVHDDDPDRMFYITDIG.MAL	90
Acr00274	type	II-C	.....MDEIDDLSDLPMMPRFIWGFVAIANKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEDG...IDGRIVHDDDPDRMFYITDIG.MAL	87
Acr00269	type	II-C	.....MDDMDEIDDLSDLPMMPRFIWGFVAIANKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEDG...IDGRIVHDEDPDRMFYITDIG.MAL	90
Acr00265	type	II-C	.....MDDMDELDLSDLPIPQFIWGFAVIANKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEDG...IDGRIVHDEDPDRMFYITDIG.MAL	90
Acr00268	type	II-C	.....MDEIDDLSDLPMMPRFIWGFVAVANKGGEIMHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG...IDGRVVHYDEPDRMFYITDAG.MAL	87
Acr00266	type	II-C	.....MDELDELDDLSDLPMMPRFIWGFVAVASKGDVTHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG...IDGRVVHYDEPDRMFYITDAG.MAL	90
Acr00264	type	II-C	.....MDDMDEIDDLSDLPMMPRFIWGFAITASKGGEVSHDEFEYLTHTRSPRFTCRVVELEDVPAADSEESG...IDGRVVHYDEPDRMFYITDAG.MAL	90
Acr00277	type	II-C	.....MDEIDDLSDLPMMPRFIWGFATGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPTESDSD...IDGRIVHYDDPARLFYITDAG.MAL	87
Acr00273	type	II-C	.....MDEIDDLSDLPMMPRFIWGFATGKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPTESDSG...IDGRIVHYDDPARLFYITDAG.MAL	87
Acr00267	type	II-C	.....MDEIDDLSDLPMMPRFIWGFATFTPKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEENG...IDGRIVHYDEPGRLFYITDAG.LAL	87
Acr00248	type	II-C	.....MDEIDDLSDLPMMPRFIWGFATFTPKGGEVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG...IDGRIVHYDEPGRLFYITDAG.LAL	87
Acr00260	type	II-C	.....MDEIDDLSDLPMMPRFIWGFATFTPKGGEVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEESG...IDGRIVHYDEPGRLFYISDAG.LAL	87

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Acr00054	type	I-D	SDFYEWWE	.....	FENQY	....	LKLVQVKKYKDTEKIYLRELYFWREVKK	... 96
Acr00053	type	I-D	SDFYEWWE	.....	FENQY	....	LELEIDYYRYDDKIFVLELHFWREEKK	... 114
Acr00004	type	I-D	TDTYEWWE	.....	FNNQY	....	LELEIDYYRQNDKIYLLLELHFWRKVKK	... 103
Acr00287	type	II-C	SDFIMLDN	.....	NKPKNMEDWLGQ	LKAA	CDRIAADDMLNEDAADLEGWDD	.. 124
Acr00231	type	II-C	SDFIMLDN	.....	NKPKNMEDWLGQ	LKAA	CDRIAADDMLNEDAADLEGWDD	.. 123
Acr00288	type	II-C	SDFIMLDN	.....	NKPKNMEDWLGQ	LKAA	CDRIAADDMLNEDAADLEGWDD	.. 124
Acr00233	type	II-C	SDFIMLDN	.....	NKPESMEDWLGQ	LKAA	CDRIAADDMLNEDAAALEGWDD	.. 123
Acr00232	type	II-C	SDFIMLDN	.....	NKPESMEDWLGQ	LKAA	CDRIAADDMLNEDAAALEGWDD	.. 132
Acr00234	type	II-C	SDFIMLDN	.....	NKPENMEDWLGQ	LKAA	CDRIAADDMLNEDAAALEGWDD	.. 123
Acr00239	type	II-C	SDFIMLDK	.....	NKPENMEEWLEQ	LKAA	CDRIAADDMLNEDAAALEGWDD	.. 123
Acr00241	type	II-C	SDFIMLDK	.....	NKPENMEEWLEQ	LKAA	CDRIAADDMLNEDAAALEGWDD	.. 123
Acr00240	type	II-C	SDFIMLDK	.....	NKPENMEEWLEQ	LKAA	CDRIAADDMLNEDAADLGDFDD	.. 123
Acr00237	type	II-C	SDFIMLDK	.....	NKPENMEEWLEQ	LKAA	CDRIAADDMLNEDAADLGDLDD	.. 123
Acr00238	type	II-C	SDFIMLDK	.....	NKPENMEEWLEQ	LKAA	CDRIAADDMLNEDAADLGDLDD	.. 123
Acr00242	type	II-C	SDFIMLDK	.....	NKPENMEEWLEQ	LKAA	CDRIAADDMLNEDAADLGDFDD	.. 123
Acr00236	type	II-C	SDFIMLDK	.....	NKPENMEEWLEQ	LKVA	CDRIAADDMLNEDAADLEDLDD	.. 123
Acr00235	type	II-C	SDFIMLDN	.....	NKPENMEEWLEQ	LKAA	CDRIAADDMLNEDAADLEDLDD	.. 123
Acr00256	type	II-C	MNFTLFDK	.....	VDNK	....	AKLKDACDQAIADWLTRREFLDSEPDDDEDD	131
Acr00253	type	II-C	MNFTLFDK	.....	VDNK	....	SKLKDACDQAIADWLTRREFLDSEPDDDED	130
Acr00262	type	II-C	MNFTLFDK	.....	VDNK	....	SKLKNA CDQAIADWLTRRDFLDSEPDDDEDD	131
Acr00254	type	II-C	MNFTLFDK	.....	VDNK	....	TKLKNA CDQAIADWLTRRDFLDSEPDDDEDD	131
Acr00252	type	II-C	MNFTLFDK	.....	VDSK	....	AKLKKA CDEAIADWLARREFLDSEPDDDEE	130
Acr00244	type	II-C	MNFTLFDR	.....	VDSK	....	AKLKKA CDDAIADWLTRRDFLDSEPEDDEE	130
Acr00243	type	II-C	MNFTLFDR	.....	VDSK	....	AKLKKA CDDAIADWLMRRDFLDSEPEDDEE	130
Acr00247	type	II-C	MNFTLFDR	.....	VESK	....	AKLKKA CDDAIADWLTRRDFLDSEPEDDEE	130
Acr00245	type	II-C	MNFTLFDR	.....	VESK	....	AKLKKA CDDAIADWLTRRDFLDSEPEDDEE	130
Acr00246	type	II-C	MNFTLFDR	.....	VESK	....	AKLKKA CDDAIADWLTRRDFLDSEPEDDEE	130
Acr00250	type	II-C	MNFTLFDR	.....	IDSK	....	AKLKKA CDDAIADWLTRREFLDSEPEDDEE	130
Acr00251	type	II-C	MNFTLFDR	.....	IDSK	....	TKLKKA CDDAIADWLTRREFLDSEPEDDEE	130
Acr00249	type	II-C	MNFTLFDR	.....	IDSK	....	AKLKQACDDAIADWLTRREFLDSEPEDDEG	130
Acr00255	type	II-C	MNFTLFDK	.....	VDNK	....	AKLKNA CDEAIADWLTRRDFLDSE.EDDEE	129
Acr00257	type	II-C	MNFTLFDK	.....	VDNK	....	AKLKNA CDEAIADWLTRRDFLDSE.EDDEE	129
Acr00258	type	II-C	MNFTLFDK	.....	VDNK	....	AKLKKA CDEAIADWLTRRDFLDSE.EDDEE	129
Acr00279	type	II-C	VNFQLFDK	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 126
Acr00282	type	II-C	VNFHLFDK	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 126
Acr00280	type	II-C	VNFHLFDK	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 126
Acr00278	type	II-C	VNFQLFDK	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 126
Acr00281	type	II-C	VNFQLFDK	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 125
Acr00283	type	II-C	VNFQLFDR	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 125
Acr00276	type	II-C	VNFQLFDK	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 126
Acr00271	type	II-C	VNFQLFDK	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 126
Acr00270	type	II-C	VNFQLFDK	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 126
Acr00272	type	II-C	VNFQLSDK	.....	MPDK	....	QKFKRICDEAIANWMLRREFLDDEEED	... 126
Acr00284	type	II-C	VNFAMFDK	.....	MPER	....	QKLLKQICDDAIANWMLRREFLEEGEREDDEE	130
Acr00285	type	II-C	VNFAMFDK	.....	MPDR	....	QKLLKKICDDAIANWMLRREFLEDEEDEDDEE	130
Acr00263	type	II-C	VNFEFFDK	.....	LPEK	....	AKLKKVCDEAIANWMLRREFLDDEEED	... 126
Acr00275	type	II-C	VNFQLFDK	.....	LPDK	....	GKLKNVCDEAIANWMLRREFLDDEEEDA	... 130
Acr00274	type	II-C	VNFQLFDK	.....	LPDK	....	GKLKNVCDEAIANWMLRREFLDDEEEDA	... 127
Acr00269	type	II-C	VNFQLFDK	.....	LPDK	....	GKLKKVCDEAIANWMLRREFLDDEEEDA	... 130
Acr00265	type	II-C	VNFQLFDK	.....	LPDK	....	GKLKKVCDEAIANWMLRREFLDDEEEDA	... 130
Acr00268	type	II-C	VNFQLFDK	.....	LPDK	....	AKLKKVCDEAIANWMLRREFLDDEEEDG	... 127
Acr00266	type	II-C	VNFQLFDK	.....	LPDK	....	AKLKKVCDEAIANWMLRREFLDDEEEDG	... 130
Acr00264	type	II-C	VNFQMFDK	.....	LPEK	....	SRLLKKVCDEAIKNWMLRREFLDDEEEDG	... 130
Acr00277	type	II-C	VNFELFDK	.....	LPDR	....	QKLLKKVCDEAIRNWMIRRDFLDSEDDDED	... 127
Acr00273	type	II-C	VNFELFDK	.....	LPDR	....	QKLLKKVCDEAIRNWMIRRDFLDSEDDDED	... 127
Acr00267	type	II-C	VNFELFDS	.....	LPDK	....	NKLLKKVCDEAITNWLRRDFLESEDEED	... 128
Acr00248	type	II-C	VNFELFDN	.....	LPDK	....	NKLLKKVCDEAIENWLRRDFLDSEEGEED	... 128
Acr00260	type	II-C	VNFELFDK	.....	VPEK	....	QKLLKKICDEAIENWLRRDFLDSEEGEED	... 128

 non conserved  
 similar  
  $\geq 50\%$  conserved