



[illegible]




Acr00240	type II-C	MSKNNIFKKYPP	IIHG	16
Acr00237	type II-C	MSKNNIFKKYPP	IIHG	16
Acr00238	type II-C	MSKNNIFKKYPP	IIHG	16
Acr00242	type II-C	MSKNNIFKKYPP	IIHG	16
Acr00236	type II-C	MSKNNIFKKYPP	IIHG	16
Acr00235	type II-C	MSKNNIFKKYPT	IIHG	16
Acr00287	type II-C	MSKNNIFNKYPT	IIHG	17
Acr00231	type II-C	MSKNNIFNKYPT	IIHG	16
Acr00288	type II-C	MASKNNIFNKYPT	IIHG	17
Acr00233	type II-C	MSKNNIFNKYPT	IIHG	16
Acr00232	type II-C	MAAFLKGFKMSKNNIFNKYPT	IIHG	25
Acr00234	type II-C	MSKNNIFKKYPP	IIHG	16
Acr00239	type II-C	MSKNNIFKKYPP	IIHG	16
Acr00241	type II-C	MSKNNIFKKYPP	IIHG	16
Acr00251	type II-C	MDEIDELSDLTPRF	IWGFIAVSPSG	27
Acr00250	type II-C	MDEIDELSDLTPRF	IWGFIAVSPSG	27
Acr00249	type II-C	MDEIDELSDLTPRF	IWGFIAVSPSG	27
Acr00243	type II-C	MDEIDELSDLTPRF	IWGFIAVTPSG	27
Acr00244	type II-C	MDEIDELSDLTPRF	IWGFIAVTPSG	27
Acr00245	type II-C	MDEIDELSDLTPRF	IWGFIAVTQSG	27
Acr00247	type II-C	MDEIDELSDLTPRF	IWGFIAVTPSG	27
Acr00246	type II-C	MDEIDELSDLTPRF	IWGFIAITVTPSG	27
Acr00253	type II-C	MDEIDELSDLTPRF	IWGFIAVTPSG	27
Acr00256	type II-C	MDEIDELSDLTPRF	IWGFIAVTPSG	27
Acr00262	type II-C	MDEIDELSDLTPRF	IWGFIAVTPSG	27
Acr00254	type II-C	MDEIDELSDLTPRF	IWGFIAVTPSG	27
Acr00252	type II-C	MDEIDELSDLTPRF	IWGFIAVTPSG	27
Acr00255	type II-C	MDEIDELSDLTPRF	IWGFIAVTPSG	27
Acr00257	type II-C	MDEIDELSDLTPRF	IWGFIDVTPSG	27
Acr00258	type II-C	MDEIDELSDLTPRF	IWGFIDVTPSG	27
Acr00273	type II-C	MDEIDDLSDLPMPRF	IWGFIAITGKGG	27
Acr00277	type II-C	MDEIDDLSDLPMPRF	IWGFIAITGKGG	27
Acr00267	type II-C	MDEIDDLSDLPMPRF	IWGFIAIFTPKGG	27
Acr00248	type II-C	MDEIDDLSDLPMPRF	IWGFIAIFTPKGG	27
Acr00260	type II-C	MDEIDDLSDLPMPRF	IWGFIAIFTPKGG	27
Acr00261	type II-C	MDEIDDLSDLPMPRF	IWGFIAIFTPKGG	27
Acr00259	type II-C	MDEIDDLSDLPMPRF	IWGFIAIFTPKGG	27
Acr00274	type II-C	MDEIDDLSDLPMPRF	IWGFIAVANKGG	27
Acr00275	type II-C	MDDMDEIDDLSDLPMPRF	IWGFIAVANKGG	30
Acr00269	type II-C	MDDMDEIDDLSDLPMPRF	IWGFIAVANKGG	30
Acr00265	type II-C	MDDMDELDDLSDLPMPRF	IWGFIAVANKGG	30
Acr00268	type II-C	MDEIDDLSDLPMPRF	IWGFIAVANKGG	27
Acr00266	type II-C	MDELDELDDLSDLPMPRF	IWGFIAVASKGG	30
Acr00264	type II-C	MDDMDEIDDLSDLPMPRF	IWGFIAITASKGG	30
Acr00270	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKSG	27
Acr00272	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKSG	27
Acr00281	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00283	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00276	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00279	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00282	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00280	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00278	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00271	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00284	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00285	type II-C	MDEIEGLSDLPMPRF	IWGFIAVAGKGG	27
Acr00263	type II-C	MDEIEDLSDLMPMPRF	IWGFIAVAGKGG	27
Acr00286	type II-C	MDEIDDLSDLPMPRF	IWGFIAITGKGG	27

Acr00240	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEMPAKP...VDGELGGIGEPLRLAYDSRIGLWLSDFIMLDXNKPENMEEWLEQLKAACDRIAADDMLNE	113
Acr00237	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEMPAKP...VDGELGGIGEPLRLAYDSRIGLWLSDFIMLDXNKPENMEEWLEQLKAACDRIAADDMLNE	113
Acr00238	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEMPAKP...VDGELGGIGEPLRLAYDSRMGLWLSDFIMLDXNKPENMEEWLEQLKAACDRIAADDMLNE	113
Acr00242	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEIPAKP...IDGELGGIGEPLRLAYDSRIGLWLSDFIMLDXNKPENMEEWLEQLKAACDRIAADDMLNE	113
Acr00236	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEMPAKP...VNDELGGIGEPLRLAYDSRIGLWLSDFIMLDXNKPENMEEWLEQLKVAACDRIAADDMLNE	113
Acr00235	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEMPAKP...VNDELGGIGEPLRLAYDSRMGLWLSDFIMLDNNKNPENMEEWLEQLKAACDRIAADDMLNE	113
Acr00287	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEMPAKP...VNDELGGIGEPLRLAYDSRIGLWLSDFIMLDNNKPKNMEDWLGLKAAACDRIAADDMLNE	114
Acr00231	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEMPAKP...VNDELGGIGEPLRLAYDSRIGLWLSDFIMLDNNKPKNMEDWLGLKAAACDRIAADDMLNE	113
Acr00288	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEMPAKP...VNDELGGIGEPLRLAYDSRIGLWLSDFIMLDNNKPKNMEDWLGLKAAACDRIAADDMLNE	114
Acr00233	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGIPAKP...VNDELGGIGEPLRLAYDSRIGLWLSDFIMLDNNKPESMEDWLGLKAAACDRIAADDMLNE	113
Acr00232	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGIPAKP...VNDELGGIGEPLRLAYDSRIGLWLSDFIMLDNNKPESMEDWLGLKAAACDRIAADDMLNE	122
Acr00234	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGEMPAKP...VDGELGGIGEPLRLAYDSRIGLWLSDFIMLDNNKNPENMEDWLGLKAAACDRIAADDMLNE	113
Acr00239	type II-C	EARGENDEFVHTRYPRLFLARKSFDDNFTGIPAKP...IDGELGGIGEPLRLAYDSRIGLWLSDFIMLDXNKPENMEEWLEQLKAACDRIAADDMLNE	113
Acr00241	type II-C	EARGENDEFVHTCYPRFLARKSFDDNFTGEIPAKP...IDGELGGIGEPLRLAYDSRIGLWLSDFIMLDXNKPENMEEWLEQLKAACDRIAADDMLNE	113
Acr00251	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDRIDSK.....TKLKKAACDAIADWLTRRE	119
Acr00250	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDRIDSK.....AKLKKAACDAIADWLTRRE	119
Acr00249	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDRIDSK.....AKLKQACDAIADWLTRRE	119
Acr00243	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDRVDSK.....AKLKKAACDAIADWLTRRD	119
Acr00244	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEEDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDRVDSK.....AKLKKAACDAIADWLTRRD	119
Acr00245	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDLPAEPEEDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDRVESK.....AKLKKAACDAIADWLTRRD	119
Acr00247	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDLPAEPEEDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDRVESK.....AKLKKAACDAIADWLTRRD	119
Acr00246	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDLPAEPEEDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDRVESK.....AKLKKAACDAIADWLTRRD	119
Acr00253	type II-C	EVSHDEFEYLTHTRTPRFTCRVVELEDAPAEPEDEG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDKVNDK.....SKLKDACDQAIADWLTRRE	119
Acr00256	type II-C	EVSHDEFEYLTHTRTPRFTCRVVELEDAPAEPEDEG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDKVNDK.....AKLKDACDQAIADWLTRRE	119
Acr00262	type II-C	EVSHDEFEYLTHTRTPRFTCRVVELEDAPAEPEDEG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDKVNDK.....SKLKNACDQAIADWLTRRD	119
Acr00254	type II-C	EVSHDEFEYLTHTRVPRTCRVVELEDAPAEPEDEG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDKVNDK.....TKLKNAACDQAIADWLTRRE	119
Acr00252	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDAPAEPEDDA...GIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDKVDSK.....AKLKKAACDAIADWLARRE	119
Acr00255	type II-C	EVSHDEFEYLTHTRSPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDKVNDK.....AKLKNAACDAIADWLTRRD	119
Acr00257	type II-C	EVSHDEFEYLTHTRSPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDKVNDK.....AKLKNAACDAIADWLTRRD	119
Acr00258	type II-C	EVSHDEFEYLTHTRAPRFTCRVVELEDMPAEPEDDG...DIDGRIVHFDPNPKRMFYITDLGLALMNFTLFDKVNDK.....AKLKKAACDAIADWLTRRD	119
Acr00273	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPTESDES...IDGRIVHYDDPARLFYITDAGMALVNFELFDKLPRD.....QKLKKVCDEAIRNWMLRRD	118
Acr00277	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPTESDSD...IDGRIVHYDDPARLFYITDAGMALVNFELFDKLPRD.....QKLKKVCDEAIRNWMLRRD	118
Acr00267	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEENG...IDGRIVHYDEPGRLFYITDAGMALVNFELFDLPPDK.....NKLKKVCDEAITNWMLRRD	118
Acr00248	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG...IDGRIVHYDEPGRLFYITDAGMALVNFELFDNLPPDK.....NKLKKVCDEAIENWMLRRD	118
Acr00260	type II-C	EVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEESG...IDGRIVHYDEPGRLFYISDAGIALVNFELFDKVPEK.....QKLKKICDEAIENWMLRRD	118
Acr00261	type II-C	EVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEETG...IDGRIVHYDEPGRLFYISDAGIALVNFELFDKVPEK.....QKLKKICDEAIENWMLRRD	118
Acr00259	type II-C	EVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEESG...IDGRIVHYDEPGRLFYISDAGIALVNFELFDKVPEK.....QKLKKICDEAIENWMLRRD	118
Acr00274	type II-C	DVMHDEFEYLTHTRSPRFTCRVVELEDMPADSED SG...IDGRIVHHDDPDRMFYITDIGMALVNFQLFDKLPPDK.....GKLKNVCDEAIANWMLRRE	118
Acr00275	type II-C	DVMHDEFEYLTHTRSPRFTCRVVELEDMPADSED SG...IDGRIVHHDDPDRMFYITDIGMALVNFQLFDKLPPDK.....GKLKNVCDEAIANWMLRRE	121
Acr00269	type II-C	DVMHDEFEYLTHTRSPRFTCRVVELEDMPADSED SG...IDGRIVHHDDPDRMFYITDIGMALVNFQLFDKLPPDK.....GKLKKVCDEAIANWMLRRE	121
Acr00265	type II-C	DVMHDEFEYLTHTRSPRFTCRVVELEDMPADSED SG...IDGRIVHHDDPDRMFYITDIGMALVNFQLFDKLPPDK.....GKLKKVCDEAIANWMLRRE	121
Acr00268	type II-C	EIMHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG...IDGRIVHYDEPDRLFYITDAGMALVNFQLFDKLPPDK.....AKLKKVCDEAIANWMLRRE	118
Acr00266	type II-C	DVTHDEFEYLTHTRSPRFTCRVVELEDMPADSEESG...IDGRIVHYDEPDRLFYITDAGMALVNFQLFDKLPPDK.....AKLKKVCDEAIANWMLRRE	121
Acr00264	type II-C	EVSHDEFEYLTHTRHPRFSRVVELEDVPADSEESG...IDGRIVHYDEPDRLFYITDAGMALVNFQMFDFLPEK.....SRLKKVCDEAIKNWMLRRE	121
Acr00270	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHHDDPRRMFYITDAGMALVNFQLFDKMPDK.....QKFKRICDEAIANWMLRRE	118
Acr00272	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHHDDPRRMFYITDAGMALVNFQLSDKMPDK.....QKFKRICDEAIANWMLRRE	118
Acr00281	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKFKRICDEAIANWMLRRE	118
Acr00283	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDPSRMFYITDAGMALVNFQLFDRMPDK.....QKFKRICDEAIANWMLRRE	118
Acr00276	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKFKRICDEAIANWMLRRE	118
Acr00279	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKFKRICDEAIANWMLRRE	118
Acr00282	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDPSRMFYITDAGMALVNFHLFDKMPDK.....QKFKRICDEAIANWMLRRE	118
Acr00280	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDPSRMFYITDAGMALVNFHLFDKMPDK.....QKFKRICDEAIANWMLRRE	118
Acr00278	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKFKRICDEAIANWMLRRE	118
Acr00271	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDMPAESEEDA...IDGRIVHDDPSRMFYITDAGMALVNFQLFDKMPDK.....QKLKRICDEAIANWMLRRE	118
Acr00284	type II-C	EVLHDEFEYLTHTRSPRFTCRVVELEDVPTNDDEGG...IDGRIVHPDDPRRMFYITDAGMALVNFAMFDKMPER.....QKLKQICDAIANWMLRRE	118
Acr00285	type II-C	DVLHDEFEYLTHTRTPRFTCRVVELEDVPSNEEGD...IDGRIVHPDDPRRMFYITDAGMALVNFAMFDKMPDR.....AKLKKICDAIANWMLRRE	118
Acr00263	type II-C	EVMHDEFEYLTHTRSPRFTCRVVELEDVPADNEGDD...IDGRIVHHDEPRRLFYITDAGMALVNFELFDKLPEK.....AKLKKVCDEAIANWMLRRE	118
Acr00286	type II-C	EVMHDEFEYLTHTRQAPRFSRVVELEDMPADDEESDEVD...IDGRIVHFDDAARMFYITDIGMALVNFQLFDPPGDK.....GRLKKVCDEAIRNWMLRRD	121

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Acr00240	type II-C	DAADLGDFDD . . . . .	123
Acr00237	type II-C	DAADLGDLDD . . . . .	123
Acr00238	type II-C	DAADLGDLDD . . . . .	123
Acr00242	type II-C	DAADLGDFDD . . . . .	123
Acr00236	type II-C	DAADLEDLDD . . . . .	123
Acr00235	type II-C	DAADLEDLDD . . . . .	123
Acr00287	type II-C	DAADLEGWDD . . . . .	124
Acr00231	type II-C	DAADLEGWDD . . . . .	123
Acr00288	type II-C	DAADLEGWDD . . . . .	124
Acr00233	type II-C	DAAALEGWDD . . . . .	123
Acr00232	type II-C	DAAALEGWDD . . . . .	132
Acr00234	type II-C	DAAALEGWDD . . . . .	123
Acr00239	type II-C	DAAALEGWDD . . . . .	123
Acr00241	type II-C	DAAALEGWDD . . . . .	123
Acr00251	type II-C	FLDSEPEDDEE . . . . .	130
Acr00250	type II-C	FLDSEPEDDEE . . . . .	130
Acr00249	type II-C	FLDSEPEDDEG . . . . .	130
Acr00243	type II-C	FLDSEPEDDEE . . . . .	130
Acr00244	type II-C	FLDSEPEDDEE . . . . .	130
Acr00245	type II-C	FLDSEPEDDEE . . . . .	130
Acr00247	type II-C	FLDSEPEDDEE . . . . .	130
Acr00246	type II-C	FLDSEPEDDEE . . . . .	130
Acr00253	type II-C	FLDSEPDDDED . . . . .	130
Acr00256	type II-C	FLDSEPDDDEDD . . . . .	131
Acr00262	type II-C	FLDSEPDDDEDD . . . . .	131
Acr00254	type II-C	FLDSEPDDDEDD . . . . .	131
Acr00252	type II-C	FLDSEPDDDEE . . . . .	130
Acr00255	type II-C	FLDSE .EDDEE . . . . .	129
Acr00257	type II-C	FLDSE .EDDEE . . . . .	129
Acr00258	type II-C	FLDSE .EDDEE . . . . .	129
Acr00273	type II-C	FLDSEDDDED . . . . .	127
Acr00277	type II-C	FLDSEDDDED . . . . .	127
Acr00267	type II-C	FLESEEEED . . . . .	128
Acr00248	type II-C	FLDSEEGEED . . . . .	128
Acr00260	type II-C	FLDSEEGEED . . . . .	128
Acr00261	type II-C	FLDSEEGEED . . . . .	128
Acr00259	type II-C	FLDSEEGEEG . . . . .	128
Acr00274	type II-C	FLDDEEDEA . . . . .	127
Acr00275	type II-C	FLDDEEDEA . . . . .	130
Acr00269	type II-C	FLDDEEDEA . . . . .	130
Acr00265	type II-C	FLDDEEDEA . . . . .	130
Acr00268	type II-C	FLDDEEDEG . . . . .	127
Acr00266	type II-C	FLDDEEDGE . . . . .	130
Acr00264	type II-C	FLDDEEDEG . . . . .	130
Acr00270	type II-C	FLDEEDED . . . . .	126
Acr00272	type II-C	FLDEEEED . . . . .	126
Acr00281	type II-C	FLDEEED . . . . .	125
Acr00283	type II-C	FLDEEED . . . . .	125
Acr00276	type II-C	FLDEEEED . . . . .	126
Acr00279	type II-C	FLDDEEED . . . . .	126
Acr00282	type II-C	FLDDEEED . . . . .	126
Acr00280	type II-C	FLDEEEED . . . . .	126
Acr00278	type II-C	FLDEEEED . . . . .	126
Acr00271	type II-C	FLDEEEED . . . . .	126
Acr00284	type II-C	FLEEGEREDDEE . . . . .	130
Acr00285	type II-C	FLEDEEEDDEE . . . . .	130
Acr00263	type II-C	FLDEEEED . . . . .	126
Acr00286	type II-C	FLDEDDDMAG . . . . .	131

 non conserved  
 similar  
  $\geq 50\%$  conserved