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Acr00047	type I-DMK.FETLSQIVD.....QVFEDTTVDELQI...RFREDVELNESQFKELIGQGTLVT	48
Acr00048	type I-D	.....MK.YEVLNQIVN.....QVFEDSTVDELQI...RFREDVEVSPEEFKQLIGQGTLVT	48
Acr00046	type I-D	.....MHICKSEVKGMKSMQNLSQLESYMK.....KFFEDQTAKEMVV...LFSEPIVITEEEYRQLISGGRYIA	62
Acr00051	type I-D	.....MVKKME.FEELKSIID.....KFFQDSTTIRINL...RFNKEVIVSYNQFEELIRNGDLTH	52
Acr00052	type I-D	.....ME.FEELKSIID.....KFFKDKTIIIRLNL...RFDKEVITTYDQFQEIIIRBGDLLH	48
Acr00050	type I-D	.....ME.FEELKSIID.....KFFQDSTTIRINL...RFNKEVIVSYNQFEELIRNGDLTH	48
Acr00049	type I-D	.....ME.FEELKSIIE.....KFFQDQTIVRMNL...MLNKEIIVSYNQFEELIKDGDLT	48
Acr00053	type I-D	.....MKKDLYMRKIRYKRSDRKMK.YKTLKDMLS.....PIFENSELWEVDL...IFSPEVELDEQEFKELIQNAILLQ	66
Acr00054	type I-D	.....MN.YKELKDMLS.....PIFENSELWEIDL...VFSPELEITEEEFKELIQNAILLQ	48
Acr00004	type I-D	.....MKMK.FETLKNMIN.....PVFENSEIWEVDL...IFSEEIETLDEYKDLTKNADPLQ	51
Acr00003	type I-D	.....MN.YKELEKMLD.....VIFENSEIKEIDL...FFDPEVEISKQEFEDLVKNADPLQ	48
Acr00055	type I-D	.....MN.YKELEKMLD.....VIFENSEIKEIDL...FFDPEVEISKQEFEDLVKNADPLQ	48
Acr00040	type I-D	.....MK.FKELKELVN.....IFSNAEIKEI...KTNDSTIELSGDEFYELTKDKKFVN	48
Acr00037	type I-D	.....MN.LKKVKRIID.....MFFKEKNLDELTL...AFKRPLIITENEYNELVKRPNLSF	48
Acr00038	type I-D	.....MN.LKKVKRIID.....MFFKEKNLDELTL...AFKRSLILITENEYNELVRRPNLSF	48
Acr00039	type I-D	.....MN.LKKVKRIID.....MFFKEKNLDELTL...AFKRPLIVSENEYNELVGRPNLSF	48
Acr00036	type I-D	.....MG.FREVKRIIN.....IFLKDENIEELTL...KFENPLKITLDEYNELTRNFKLID	48
Acr00032	type I-D	.....MSYFYGNIGERKIS.FKEVKKIID.....LFFEDSNIQELSL...KFKISFEINEEDYRQLIE.....	54
Acr00033	type I-D	.....MSYFYENIGERKIS.FKEVKKIID.....LFFEDSNIQELSL...KFKISFEINEEDYRQLVE.....	31
Acr00035	type I-D	.....MSYFYENIGERKIS.FKEVKKIID.....LFFEDSNIQELSL...KFKMSFEINEEYQQLIE.....	54
Acr00034	type I-D	.....MD.....LFFEDSNIQELSL...KFKISFEINEEYQQLIE.....	33
Acr00044	type I-D	.....MEKQDLEKIESDIINDWTE.ADDLDDALD.....FLFM.EKVSEFKI...KFKDPIKVTEEEYRELLGNYDSSN	64
Acr00045	type I-D	.....MIKMLIK.....DLKNVLN.....VFFANQQIKELIST...EFKEPILLTEKELEEVTGNYDYKN	51
Acr00042	type I-D	.....ME.FEDLDVVLY.....VFFENPEMKSFEF...EFKELFETTENGFKYLVGVPDSRN	48
Acr00041	type I-D	.....ME.FEDLDVVLY.....VFFENQEMKSFEF...EFKELFEITENGLRYLVGVPDSRN	48
Acr00043	type I-D	.....ME.FEDLDVVLY.....VFFENPEMKSFEF...EFKQLFETTESGLRYLVGVPDSRN	48
Acr00027	type I-D	.....MK.TQLLKQI.....FNSQKAEETI...ELKEPIKLSRSQVLELLQMFGKVQ	43
Acr00029	type I-D	MLYYSKRLKILRHEKIKRYCKRMKDLNMRFYIMYISDQKMT.NENVKKIRKII.....DFFINSSDKEKEI...NFEKPLLTRGETIETLGMP...K	88
Acr00025	type I-D	.....MD.THEFHKLIIKVV.....DLFLEDRIKEFEL...KLNT..TLDELEFEELIGKPDSSN	49
Acr00031	type I-D	.....MA..KTIHELID.....DFFKSQDKQ.LVI...YFAEKVEVDEAEFKELVGNYVPID	46
Acr00019	type I-D	.....MNVENQVEKIVSLVE.....NFFDKSNKPIETI...KLNGKVMFNEEQYDDLIGELAMTL	52
Acr00020	type I-D	.....MTNIIMVKNRMVNTVVR..KEVTKLYYDIK.....RFFNDPNAKKLIL...KYDKPIIVRKSAFFSWIAGTCIY.	64
Acr00015	type I-D	.....MVKMGVTQELRQTIEEIK.....KLLQSDVTGVEVI...NFERPINTHIYELQTTIDILTYND	55
Acr00013	type I-D	.....MRNMGYQDIPNEIIKLSEKYVKIVGERK.....NIFKTLRRK.....SIEKKIIEKFEKFCDIIPLYILEN	61
Acr00002	type I-C	..MNNLKKTAITHDGVFAYKNTETVIGSVGRNDIVMAIDATHGEFNDKNFIYADTNGNPIYLGAYLDDNNDADHDIAVGACNEDDDFDEKEIHEMIAEQMELA	103
consensus	*.....*	

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Acr00047	type	I-D	GYEDY...GTITDIYEYWETGKQ..YVKFLIV..YYKKD.EKIY.IMEIQMWRELKLISKP.....	100
Acr00048	type	I-D	GTEHY...GVITDIYEYWEEGKR..YVKMLLV..YYKKD.EKYY.VMEIQMWREIKL.....	96
Acr00046	type	I-D	GTENY...GMINEIFEFHESQKQ..YVKMLLV..YYKDT.DKIY.INRIDCWRETSLFNEDEEDNI....	119
Acr00051	type	I-D	RYADK...NITSIDIYEYREN.....INSIID..YYWKD.NKIC.ILEIDFWRSS.....	94
Acr00052	type	I-D	RYSDE...KITSDVYEYREN.....INSIID..YYWKD.NKIH.IVEIDFWRSS.....	90
Acr00050	type	I-D	RYDDR...NIRTDICEYRKN.....INSIIN..YYVKD.SKVY.IVEIDFWRSS.....	90
Acr00049	type	I-D	RYAEK...NRTVDFFEYRN.....IHSIIN..YFWKD.NKVC.IIEIDFWRSR.....	90
Acr00053	type	I-D	QVINN...KIYSDFEYWEWFENQ..YLELEID..YTRYD.DKIF.VLELHFWREEKK.....	114
Acr00054	type	I-D	QVINN...KIYSDFEYWEWFENQ..YLKLQVK..YYKDT.EKIY.LRELYFWREVKK.....	96
Acr00004	type	I-D	EIINDTTGVNIYTDTYEWEFNQ..YLELEID..YQRQN.DKIY.LLELHFWRKVKK.....	103
Acr00003	type	I-D	KVVGD...NYITETFWEWFENQ..YLEFELD..YVVKD.EKIF.VLEMHFWRKIRK.....	96
Acr00055	type	I-D	KVVGD...NYITETFWEWFENQ..YLEFELD..YVVKD.EKIF.VLEMHFWRKIRKLE....	98
Acr00040	type	I-D	TSVKN...AIFTVEFE...QNE..FTKFLFK..YEEID.DIAY.VKELKMWREV.....	90
Acr00037	type	I-D	EDKDP...WVTSDEFVYVELSNR..VVKLIH..YFKED.DIIN.LEIDLDFREKR.....	95
Acr00038	type	I-D	IDKDP...WITSDEFVYVELSNK..VVKLIH..YFKED.GFIN.LEIDLDFREKR.....	95
Acr00039	type	I-D	VDKDP...WVLSDEFVYVELSNT..LVKLIY..YFKEK.GFIH.LEIDLDFREKR.....	95
Acr00036	type	I-D	AKNDK...WISINMFMYDLDSKT..VVKLIH..EYSDY.DTIN.VYEINLFHEKR.....	95
Acr00032	type	I-D	.....LAFSQFIYPLNDNI..ETRINTM..ELTDN.EKDL.LYEIQIVRTKKL.....	96
Acr00033	type	I-D	.....LALSQFIYPLNDNI..ETRINTK..ELADN.EKDL.LYEIQILRTKKL.....	73
Acr00035	type	I-D	.....LAFSQFIYSSNDNI..EKIKNTK..ELTDN.EKAL.LYEIQILRTKKS.....	96
Acr00034	type	I-D	.....LAFSQFIYPSNDNI..EKIKNTK..ELADN.EKAL.LYEIQLWRTKKS.....	75
Acr00044	type	I-D	SVSSN...GITIDQYTYDEDDDI..MYKLEFT..YRKED.NKIY.TYEYQGWAREKKK.....	112
Acr00045	type	I-D	ESRYE...DIHMDEYNREFNNI..ISKLEIT..YIKKD.NKIA.ITBIHLWRKYEK.....	99
Acr00042	type	I-D	KIKSS...SEIIEEFIYYQNDNI..LTKLTFF..YTKGT.NKIY.IRKITYGWREKRLENEDEENNI....	105
Acr00041	type	I-D	KIKSN...SEIIEEFIYYQNDNI..VTKLTFF..YTKDT.NKIY.IRKITYGWREKRSESENEEDNI....	105
Acr00043	type	I-D	KIKNN...NEIIEEFIYYQNDDI..VTKLIFY..YTKGT.NRIY.IRKITYGWKEKRLESEDEE....	102
Acr00027	type	I-D	RSIIT...SRGDIWTELLFYDS..GVKIVIT..YEIQD.NKIG.IHKIKMVRG.....	87
Acr00029	type	I-D	NSILT...TRFDLWTELLIYDD..FKLIII..YENS.DKVFKYTKIKLMN.....	132
Acr00025	type	I-D	SAENN...GIFIDEYSYDASENA..IKKLFVE..YVRQP.EFKYTVLSIKGVNDWVRE.....	99
Acr00031	type	I-D	FVVTG...KVNVDLYIINKG....YVEIG..YIKKE.QGKYQLSIHAYKECEQQ.....	92
Acr00019	type	I-D	ARGKLEIYEREIQSLYFSEFICVK..NNEIVTIRM.FFEKT.REKYQLKLIEMTRLIFKCQ.....	109
Acr00020	type	I-D	.....EHENTYVEEDDFGQ..YVENKLD..YEERKKEDVIELSKILSRLSK.....	107
Acr00015	type	I-D	GKHYWFAI.GTERKRYDLFVFDNEKELKRIIES.HFNVE..EIF.TMSIQLIRYPR.....	107
Acr00013	type	I-D	ILKPN...NVFEYSPEKSYKNKSE.KTEVITKARLKFKYENYELKLLSVKFESINLIS.....	116
Acr00002	type	I-C	KRYQELGDTVHGTTTLRAFDGDDGYMTVRIDQAQYPDYPENDDKHIMWRALALTATGKELEVFWLVEDYEDEEVNSWDFDIADDWREL	190
consensus			* * * * *	

-  non conserved
-  similar
-  $\geq 50\%$ conserved