




logo

Acr00023	type	I-D	.....MDYEEVIQTIKEFFNSKNAEFNV.....GQPQK	28
Acr00024	type	I-D	.....MNGNEIVEEILEFLNKKGAKFDI.....DQ.FE	27
Acr00045	type	I-D	.....MIKMLIK.....D.KNVLN.....VFF	17
Acr00044	type	I-D	.....MEKQDLEKIESDIINDWTEADDLDDALD.....FLF	31
Acr00041	type	I-D	.....MEFEDLDVVLV.....VFF	14
Acr00042	type	I-D	.....MEFEDLDVVLV.....VFF	14
Acr00043	type	I-D	.....MEFEDLDVVLV.....VFF	14
Acr00037	type	I-D	.....MNLKKVKRIID.....MFF	14
Acr00038	type	I-D	.....MNLKKVKRIID.....MFF	14
Acr00039	type	I-D	.....MNLKKVKRIID.....MFF	14
Acr00036	type	I-D	.....MGFREVKRIILN.....IFL	14
Acr00035	type	I-D	.....MSYFYENIGERKISFKEVKKIID.....LFF	26
Acr00034	type	I-D	.....MD.....LFF	5
Acr00032	type	I-D	.....MSYFYGNIGERKISFKEVKKIID.....LFF	26
Acr00033	type	I-D	.....MFF	3
Acr00053	type	I-D	.....MKKDLYMRKIRYKRSRDKMK.YKTLKDMIS.....PIF	32
Acr00054	type	I-D	.....MN.YKEIKDMIS.....PIF	14
Acr00004	type	I-D	.....MKMK.FETLKNMIN.....PVF	17
Acr00003	type	I-D	.....MN.YKELEKMLD.....VIF	14
Acr00055	type	I-D	.....MN.YKELEKMLD.....VIF	14
Acr00040	type	I-D	.....MK.FKELKELVN.....IFS	14
Acr00051	type	I-D	.....MVKKME.FEELKSIID.....KFF	18
Acr00052	type	I-D	.....ME.FEELKSIID.....KFF	14
Acr00050	type	I-D	.....ME.FEELKSIID.....KFF	14
Acr00049	type	I-D	.....ME.FEELKSIVE.....KFF	14
Acr00047	type	I-D	.....MK.FETLSQIVD.....QVF	14
Acr00048	type	I-D	.....MK.YEVINQIVN.....QVF	14
Acr00046	type	I-D	.....MHICKSEVKGMSMQNLSQLESY.....MKKFF	28
Acr00028	type	I-D	.....MKAQLPKQILKQI.....I	14
Acr00026	type	I-D	.....MNTQLLKQI.....I	10
Acr00027	type	I-D	.....MKTQLLKQ.....I	9
Acr00029	type	I-D	.....MLYYSKRLKILRHEKIKRYKCKRMKKDLNMRFYIMYISDQKMTNENVKKIRKI.....I.DFF	57
Acr00025	type	I-D	.....MDTHEFHKLLIKVVLD.....LF	17
Acr00031	type	I-D	.....MAKTLHELID.....DFF	13
Acr00020	type	I-D	.....MTNIIMVKNRMVNTVVRKEVTKLYYD.....IKRFF	31
Acr00153	type	II-A	.....MSIKLLDEFLKKHNKTRYQLSKLTGTSQN.....TLNDY	34
Acr00313	type	V-A	MYEIKLNDTLIHQTDDRNVAFVAYRYLLRRGDLPCENIARMYYDGKVIKTDVIDHDSVHSDEQAKVSNNDIIKMAISELGVNNFKSLIKKQGYPFSGNHINSWF	105
Acr00119	type	I-F	.....	0
consensus		*...*	

EDSELKELTKEELETTE	EEELIENEDLLEN	NDIEEYEND	NLYKILTY		
TENNTISIVDFKEPIELTE	EEYDDLDFLDNLGFYPING.A	ENQVNNYIGYKSWVGVDDEFENDDGDEVI	IVVYT	101	
TENKTLKLEVBFPKPIILTE	TEYDMLYDLLKSLGFYPVNG.A	ENKINIEYVGKYKNYTGIEEFENDAGDKIWLEYN		100	
ANQQLKELSTEFKEPLLTE	KELEEVGTGNVYDKNESRYE	DIHMLEYNYREFN	NIISKLEITY	79	
M.EKVSEFKIKFKDPLKVTE	EEYRELLIGNYDSSNSVSSN	GITIDQYTYDEDD	DIMYKLEFTY	92	
ENQEMKSFEFEBKELFETTE	NGLRYLVGVPDSRNKIKSN	SEIIIEFIYYQND	NIVTKLTFYY	76	
ENPEMKSFEFEBKELFETTE	NGFKYLVGVPDSRNKIKSS	SEIIIEFIYYQND	NILKLTFFYY	76	
ENPEMKSFEFEBKQLFETTE	SGLRYLIGVPDSRNKIKNN	NEIIIEFIYYQND	DIVTKLIFYYY	76	
KEKNDELITLAFKRPLIITE	NEYNELVKRPNLSFEDKDP	WVTSDEFVYYELS	NRVVKLIIFY	76	
KEKNDELITLAFKRSLILTE	NEYNELVVRPNLSFIDKDP	WITSDEFVYYELS	NKVVKLIIFY	76	
KEKNDELITLAFKRPLIVSE	NEYNELVGRPNLSFVDKDP	WVLSDEFVYYELS	NTLVKLIIFY	76	
KDENIEELTLKFENPLKITL	DEYNELTRNFKLIDAKNDC	WISINMFMYDLS	KTVVKLIIFY	76	
EDSNIQELSLKPKMSFEINE	EEYQQLIE	LAFSQFIYSSND	NIEIKINTKE	76	
EDSIQELSLKPKISFEINE	EEYQQLIE	LAFSQFIYPSND	NIEIKINTKE	55	
EDSNIQELSLKPKISFEINE	EDYRQLIE	LAFSQFIYPLND	NIEIRINTME	76	
EDSNIQELSLKPKISFEINE	EDYRQLVE	LALSQFIYPLND	NIEIRINTKE	53	
ENSELWEVDLIFSPVELDE	QEFKELIQNAILLQQVINN	KIYSDFYEWWEFE	NQYLELEIDY	94	
ENSELWEIDLIFSPLEITE	EEFKELIQNAILLQQVINN	KIYSDFYEWWEFE	NQYKLVQVKY	76	
ENSELWEVDLIFSEETELTE	DEYKDLTKNADPLQEIINDTTG	VNIYTDTYEWWEFN	NQYLELEIDY	83	
ENSEIKEIDLFFDPEVEISK	QEFEDLVKNADPLQKVVDG	NYITETFEWWEFE	NQYLEFELDY	76	
ENSEIKEIDLFFDPEVEISK	QEFEDLVKNADPLQKVVDG	NYITETFEWWEFE	NQYLEFELDY	76	
KNAEIKEIIKTNDSELG	DEFYELTKDKKFVNTSVKN	AIFTVEFE	Q	NEFTKFLFKY	72
QDSTIRINLRFNKEVIVSY	NQFEELIRNGDLTHRYADK	NITSDIYEYREN		INSIIDY	76
KDKTIRINLRFDKEVIATY	DQFQETIRBGDLLHRYSDE	KITSDIYEYREN		INSIIDY	72
QDSTIRINLRFNKEVIATY	DQFEEIVKADALLHRYDDR	NIRTDICEYRKN		INSIINY	72
QDQTVRMNMLNKEIIVSY	NQFEEIKDGDLTTRYAEK	NRTVDFYEYRNN		IHSIINY	72
EDTTVDELQIRFREDVELNE	SQFKELIGGGTLVTGYEDY	GTITDIYEYWETG		KQYVKFLIVY	76
EDSTVDELQIRFREDVEVSP	EEFKQLIGGGTLVTGTEDY	GVITDIYEYWEEG		KRYVKMLLVY	76
EDQTAKEMVVLFSPIVITE	EEYRQLISGGRYIAGTENY	GMINEIFEFHESQ		KQYVKMLLVY	90
FNSKNAEEIEFEPEVMLTK	SQVREV	FGRPKSIITAN		GDLWTEVLFDYDSG	69
FNSK..EEIEFEPEVLVLSK	SQMLEI	FGKPHHNVLVNR		GDLWTEVLFDYDSG	64
FNSQKAEIEELKEPLKLSR	SQVLELLQMFGKVQRSIITSR	GDIWTELLFDYDSG		VKIVITY	70
INSSDKEKINIEKPLLTR	GETIET	LGMPKNSILTTR		FDLWTELLIYDD	114
LEDRIKEFELKLNT..TLDE	LEFEELTGKPDSSNSAENN	GIFIDEYSYDASE		NAIKKLFVEY	77
KSQD.KQIVIVYIAEKVEVDE	AEFKELVGNYPIDFVVTG	KVNVPLYIINKG		YVEIGY	70
NDPNAKKILKYDKPIIVRK	SAFFSWIAGTCIYEH	ENTYYYEDDF		GQYVEMKLDYE	87
NKKEINKYSVSLRALSMCAGIS	TFDVFKEELEKKNYDDLAFGKHLLDK	YKLSFSAQEFELYCLIKEFESANIEVLPFTEN			116
TDDPVKSKTMHNDEMYLVQALIRACIIKEIDLYTEQLYNI	IKSLPYDKRPNVVYSQPLDPNNLDLSEPELWAEQVGE	CMRYAHNDQPCFYIGSTKREIRVNYI			210
...TTTITIAEVSNDKVE	TIKTMVESQIHNVN	FNGEFTIERGD		FTSIDK	49

Sequence	Score
K.VCTGGKTTFFIKKIIEVELNIQENTNEL.....	129
K.VSVGGGETTYFVKNIIEVELNTEEFMNLFF.....	129
...IKKDNKIIAITEIHLWRKYEK.....	99
...RKEDNKIYIYEVQGWREKKK.....	112
...TKDTNKIYIRKIYGWREKRSESENEEDNI..	105
...TKGTNKIYIRKIYGWREKRLENEDEENNI..	105
...TKGTNRIYIRKIYGWKEKRLESEDEE.....	102
...FKEDDIINILEIDLFREKR.....	95
...FKEDGFINILEIDLFREKR.....	95
...FKEKGFIHILEIDLFREKR.....	95
...YSDYDTINVYEINLHFHEKR.....	95
...LTDNEKIALLYEIQILRTKKS.....	96
...LADNEKALLYEIQLWRTKKS.....	75
...LTDNEKDLLEYEIQIVRTKKL.....	96
...LADNEKDLLEYEIQILRTKKL.....	73
...YRYDDKIFVLELHFWREKKK.....	114
...YKDTEKIYLRELYFWREVKK.....	96
...YRQNDKIYLLELHFWRKVKK.....	103
...YVKDEKIFVLEMHFWRKIRK.....	96
...YVKDEKIFVLEMHFWRKIRKLE.....	98
...EEIDDIAYVKEIKMWREV.....	90
...YWKDNKICILEIDFWRSS.....	94
...YWKDNKIHIVEIDFWRSS.....	90
...YVKDSKYIVEIDFWRSS.....	90
...FWKDNKVCIIIEIDFWRSR.....	90
...YKKDEKIYIMELQMWRELKLISKP.....	100
...YKKDEKYYVMELQMWREIKL.....	96
...YKDTDKTYINRIDCWRETSFLNEDEEDNI..	119
...IQDNKIFRIHKIKMVRG.....	86
...IHDNKIFRIHKIKVIGNEGKS.....	85
...EIQDNKIGIHKIKMVRG.....	87
...ENSDDKVFKIYKIKLMKN.....	132
...VRQPEFKYTVLSIKGVNDWVRE.....	99
...IKKEGQKYQLLSIHAYKECEQQ.....	92
...ERKKEDVIELSKIILSRLSK.....	107
..RFENETHVDIEKDVRAKENAITVLKEKKNELI	149
VPVIGVRDEIERVMTLEEVRNLHK.....	234
....DEAEHVKLNLKIQDIHIGYS.....	69

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