




logo

logo		MDEIDLSDLPTPRFIWGFALIAVTPSGEVSHDEFEYLT	HTRAPRFTCRVVELEDMPADSEESG.I	
Acr00074 type I-F	.....	MKVPAFFAAN.ILTI <del>E</del> QII <del>E</del> AINN.....DGSAMTS	APEIAGYYAWDAATDALESENPLEQ..	55
Acr00072 type I-E, I-F	.....	MKVPAFFAAN.ILTI <del>E</del> QII <del>E</del> AINN.....DGSAMTS	APEIAGYYAWDAATDALESENPLEQ..	55
Acr00073 type I-F	.....	MKVPAFFAAN.ILTI <del>E</del> QII <del>E</del> AINN.....DGSAMTS	APEIAGYYAWDAATDALESENPLEQ..	55
Acr00075 type I-F	.....	MTIYLSNAT <del>I</del> ENATSIEQVV <del>E</del> LINEGTCEGM <del>E</del> GIEFT	ADILAGQYAWSAAKDFVDSAG.....	57
Acr00082 type I-F	.....	MTLSNADSVSAVVD <del>F</del> INTVNDRKDH <del>L</del> V <del>D</del> HYGWGD	VAATYELNDYAAAQYaweased.....	56
Acr00081 type I-F	.....	MNTFM <del>T</del> LSNADSVSAVVD <del>F</del> INTVNDRKDH <del>L</del> V <del>D</del> HYGWGD	VAATYELNDYAAAQYaweased.....	60
Acr00245 type II-C	.....	MDEIDELSDLP <del>T</del> PRFIWGFALIAVTPSGEVSHDEFEYLT	HTRAPRFTCRVVELEDLPAEPEDGGDI	65
Acr00247 type II-C	.....	MDEIDELSDLP <del>T</del> PRFIWGFALIAVTPSGEVSHDEFEYLT	HTRAPRFTCRVVELEDLPAEPEDGGDI	65
Acr00246 type II-C	.....	MDEIDELSDLP <del>T</del> PRFIWGFALITVTPSGEVSHDEFEYLT	HTRAPRFTCRVVELEDLPAEPEDGGDI	65
Acr00244 type II-C	.....	MDEIDELSDLP <del>T</del> PRFIWGFALIAVTPSGEVSHDEFEYLT	HTRAPRFTCRVVELEDLPAEPEDGGDI	65
Acr00257 type II-C	.....	MDEIDELSDLP <del>T</del> PRFIWGFALIDVTPSGEVSHDEFEYLT	HTRSPrFTCRVVELEDLPAEPEDGGDI	65
Acr00255 type II-C	.....	MDEIDELSDLP <del>T</del> PRFIWGFALIAVTPSGEVSHDEFEYLT	HTRSPrFTCRVVELEDLPAEPEDGGDI	65
Acr00258 type II-C	.....	MDEIDELSDLP <del>T</del> PRFIWGFALIDVTPSGEVSHDEFEYLT	HTRAPRFACRVVELEDLPAEPEDGGDI	65
Acr00285 type II-C	.....	MDEIEGLSDLPMPRFIWGFAVAAGR <del>D</del> GVLDHDEFEYLT	HTRTPRFCTCRVVELEDVPSONEGD.I	64
Acr00284 type II-C	.....	MDEIEDLSDLPM <del>P</del> RFIWGFAVAAGRSGEVLHDEFEYLT	HTRSPrFTCRVVELEDVPTDNDEGG.I	64
Acr00259 type II-C	.....	MDEIDDLSDLPM <del>P</del> RFIWGFALIFTPKGGEVMHDEFEYLT	HTRAPRFTCRVVELEDMPVDSEESG.I	64
Acr00260 type II-C	.....	MDEIDDLSDLPM <del>P</del> RFIWGFALIFTPKGGEVMHDEFEYLT	HTRAPRFTCRVVELEDMPVDSEESG.I	64
Acr00261 type II-C	.....	MDEIDDLSDLPM <del>P</del> RFIWGFALIFTPKGGEVMHDEFEYLT	HTRAPRFTCRVVELEDMPVDSEETG.I	64
Acr00248 type II-C	.....	MDEIDDLSDLPMPRFIWGFALIFTPKGGEVMHDEFEYLT	HTRSPrFTCRVVELEDMPADSEESG.I	64
Acr00273 type II-C	.....	MDEIDDLSDLPM <del>P</del> RFIWGFALITGKGGEVMHDEFEYLT	HTRSPrFTCRVVELEDMPTESEESG.I	64
Acr00277 type II-C	.....	MDEIDDLSDLPM <del>P</del> RFIWGFALITGKGGEVMHDEFEYLT	HTRSPrFTCRVVELEDMPTESDDSD.I	64
Acr00078 type I-F	.....	.....MIDFNSIDHAIALIQK.....DPEQ	ANAIAGEYAYQMAREAYEIASESGFG.	46
Acr00083 type I-F	.....	.MRFTSPSR <del>T</del> IPSICLAITYGCGQLDRVADFINSNGEYVEDGVTFPGMIAGQYAFEQVKLDRKGYDTRRLQKYLSFLADAGAFFSEEALQRADDLINNF		99
Acr00077 type I-F	.....	.....MISTALKQADSIEQVVQIIDNGG.....TAQHGP	EEIAGQYAYLVMLHQKTVDK.....	49
Acr00076 type I-F	.....	.....MAADFKDANSIEQIVDGINTTEAS...SEVKYFG	.....EYKLDGSEKLAAHYAYEQVANYEH..	56
Acr00079 type I-F	.....	.....MNAEYIVCAALWDMDFSKLVPPFFAMDHT.VRHPKF <del>S</del>	.....EYLAGQYAYYAATSRDTVNK.....	56
Acr00054 type I-D	....	.....MNYKELKDMLSPIFENSELWEIDLVFSP.....ELEITE	.....EEFKELIQNALLLQQVINNKIYSD..	58
Acr00211 type II-A	.....	LKKTIEKLLNSDLNSNIYAKKTGVEQSTIYRLRTGERQLGKLG <del>L</del> DSAER.....	.....LYNQKEIENMKSVKIYSNMMSKQEKGYR	77
Acr00124 type I-F	.....	.....MTKSEIFKFAWVD <del>A</del> HYLATTLG...NAV <del>E</del> YFA	.....EC <del>L</del> KKSHMIN.....	40
consensus		* * * * *	* * * * *	

Sequence	Score
...LTEDDFVAHLEVLEERG.....AKINRDAAAIAVALQFQAAAVNDLHSGDE.....	100
...LTEDDFVAHLEVLEERG.....AKIDRDAAAIAVALQFQAAAVNDLHSGDE.....	100
...LTEDDFVAHLEVLEERG.....AKIDRDAAVAVALQFQAAAVNDLHSGDE.....	100
...MTADDLEAQLEFLSAAG.....AVFSESVAVDHGLKLAADTE.....	95
...NSIESIEANLEFIKDEG.....AKFNTENALKIAQLFLEA.....	91
...NSIESIEANLEFIKDEG.....AKFNTENALKIAQLFLEA.....	95
DGRIVHFDNPKRMFYITDLGLALMNFTLFDRVESKAKLKKACDDAIADWLTRRDFLDSEPEDDEE..	130
DGRIVHFDNPKRMFYITDLGLALMNFTLFDRVESKAKLKKACDDAIADWLTRRDFLDSEPEDDEE..	130
DGRIVHFDNPKRMFYITDLGLALMNFTLFDRVESKAKLKKACDDAIADWLTRRDFLDSEPEDDEE..	130
DGRIVHFDNPKRMFYITDLGLALMNFTLFDRVDSKAKLKKACDDAIADWLTRRDFLDSEPEDDEE..	130
DGRIVHFENPKRMFYITDLGLALMNFTLFDKVDNKAHLKNACDEAIADWLTRRDFLDSE..EDDEE..	129
DGRIVHFENPKRMFYITDLGLALMNFTLFDKVDNKAHLKNACDEAIADWLTRRDFLDSE..EDDEE..	129
DGRIVHFENPKRMFYITDLGLALMNFTLFDKVDNKAHLKNACDEAIADWLTRRDFLDSE..EDDEE..	129
DGRIVHPDDPRRMFYITDAGMALVNFAMFDKMPDRQKLKKICDDAIANWMLRREFLEDEEEDDEE..	130
DGRIVHPDDPRRMFYITDAGMALVNFAMFDKMPERQKLKQICDDAIANWMLRREFLEEGEREDDEE..	130
DGRIVHYDEPGRIFYISDAGIALVNFELFDKVPEKQKLKKICDEAIENWMLRRDFLDSEEGEGEG..	128
DGRIVHYDEPGRIFYISDAGIALVNFELFDKVPEKQKLKKICDEAIENWMLRRDFLDSEEGEGED..	128
DGRIVHYDEPGRIFYISDAGIALVNFELFDKVPEKQKLKKICDEAIENWMLRRDFLDSEEGEGED..	128
DGRIVHYDEPGRIFYITDAGIALVNFELFDNLDPKNKLKKVCDEAIENWLLRRDFLDSEEGEGED..	128
DGRIVHYDDPARIFYITDAGMALVNFELFDKLPDRQKLKKVCDEAIRNWMIRRFLDSEDDDED..	127
DGRIVHYDDPARIFYITDAGMALVNFELFDKLPDRQKLKKVCDEAIRNWMIRRFLDSEDDDED..	127
...MEDEDFEDQLLEFLINAG.....LVFDVQEAINKARSLHIANQSPC.....	86
TADFGHDEGDGATFRIKAQSYRLKKYDCHALWSMINQASLTIESVKPETFCDEDSDEDISSLSLDLVLTSRLFNKQNEAFATLTQYYTVSEGMLTVEDLL	199
...QAVKKPLDDLMSQG.....AMFDYDLALQQAENLLNLVET.....	85
...ISDDIKTHLQELKSKD.....AHFDMNESLQIAKKQFCSKCET.....	94
...RTFKDELKFLRELGL.....IKFDADQALRYAVYLSGILDYQSSKLKWL.....	99
..FYEWWEFENQYLKLQVKY.....YKDTEKIYLRRELYFWREVKK.....	96
VYVNVVNEEDTDKGELFPSPVKEVIENDKIDELNFNEHHKPYVQKAKSRYDKNGIGYKIVQLDEGFQKFIELNKEKMKENLDY..	159
.....RTTAVSFEQKE.....YAVDVAYAAITILADGAVL.....	70

logo

Acr00074	type I-F	.....	100
Acr00072	type I-E, I-F	.....	100
Acr00073	type I-F	.....	100
Acr00075	type I-F	.....	95
Acr00082	type I-F	.....	91
Acr00081	type I-F	.....	95
Acr00245	type II-C	.....	130
Acr00247	type II-C	.....	130
Acr00246	type II-C	.....	130
Acr00244	type II-C	.....	130
Acr00257	type II-C	.....	129
Acr00255	type II-C	.....	129
Acr00258	type II-C	.....	129
Acr00285	type II-C	.....	130
Acr00284	type II-C	.....	130
Acr00259	type II-C	.....	128
Acr00260	type II-C	.....	128
Acr00261	type II-C	.....	128
Acr00248	type II-C	.....	128
Acr00273	type II-C	.....	127
Acr00277	type II-C	.....	127
Acr00078	type I-F	.....	86
Acr00083	type I-F	DYSLLDYPNFHDESGKTYNLMENIAQRYYTECIKVVM DYFRDAHKELPDVIRSEEITSMILQPMKLPIMAN	270
Acr00077	type I-F	.....	85
Acr00076	type I-F	.....	94
Acr00079	type I-F	.....	99
Acr00054	type I-D	.....	96
Acr00211	type II-A	.....	159
Acr00124	type I-F	.....	70
consensus			

 non conserved  
 similar  
 ≥ 50% conserved