

logo

NTDB id 1253 GC085 RS04835 WP 011215094.1	MLRLYRKPNKGLMGVDISSTSVKLELSYKNKYVESYALMPLPENSWEKVLNPEAVAEALRAMNLANPQTTHAAIAVP	85
NTDB id 57411 XCAW RS19655 WP 015472652.1	MLKLLPKHRSITIGDISSSAVKILEISGSGEDICVEGYCREETPASALEGNMTKVDVAVANCIKKLVERLKFTSKNVAIAVPDS	84
NTDB id 1010 ACIAD RS15195 WP 004923715.1	.MGLLPKSPISPLIGVDISSTAVKLLQLSRSGSRFRLEHYAVEPLPPNAVVEKNIIVEEAVGEAIRRAINRS GSKAKNAAAIAVAGS	85
NTDB id 1084 FDQ49 RS11070 WP 004711654.1	MLRLYRPNKGLMGVDISSTSVKLELSVKNQYRVESYGLVPLLENSVVEKNILNPEAVADALTR SINLANPQAINAAIAVP	85
NTDB id 1054 ABD1 RS15870 WP 002014066.1	MLRLYRPNKGLMGVDISSTSVKLELSVKNQYRVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAIAVP	85
consensus	***!*****!*!!!!*!	

logo

NTDB id 1253 GC085 RS04835 WP 011215094.1	AVISKVVGINEGLDLEMEELVLEADKYIPYIDEINLDFEVLGHSAKSSSLDVLIVASRAENVNTRVEAAHRAGLEPKVVDV	170
NTDB id 57411 XCAW RS19655 WP 015472652.1	AVITKLIIPADLDDSDLEAQVELEATNYIPYPIEVENLDFEVLGMPNPSDMVQVLLAASRSENVELRQSALELGGITAKVMDV	169
NTDB id 1010 ACIAD RS15195 WP 004923715.1	MVYHKTIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVLSEPLANPNRVSVLTAATRTEVDTRIEVLELAGLTPKVADV	170
NTDB id 1084 FDQ49 RS11070 WP 004711654.1	TVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLNPNRVNVLVATRTTENVETRVEVLELADLNPKLADV	170
NTDB id 1054 ABD1 RS15870 WP 002014066.1	TVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLVATRTTENVETRVEVLELADLNPKLADV	170
consensus	!*!*!*****!	

logo

NTDB id 1253 GC085 RS04835 WP 011215094.1	ESYAVERAFSVFADSLPMGANTYVGLDIGHMTTISVQNGKIIYTREQVFGGKQLTLEIQSRYSLEEASRAKKDGLSPED	255
NTDB id 57411 XCAW RS19655 WP 015472652.1	ESYAVERSVQQLAQELPASCGQKIIVATVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEATAEHYHNLQAIALKNQKGLPED	253
NTDB id 1010 ACIAD RS15195 WP 004923715.1	EAFAVENAFATVASELPV.AADAVVALVDIGATMTTSLVLRSGHSLSYREQVFGGKQLTDEVMRRYGLTYEEAGLAKRGGGLPES	253
NTDB id 1084 FDQ49 RS11070 WP 004711654.1	ESYAMERAFSVFADSLPM.GVNT.VGILDIGHTMTTSLVMQKKGKIIYTREQVFGGKQLTQEVQKRYGMSYEEAGRAKKDGLSPED	253
NTDB id 1054 ABD1 RS15870 WP 002014066.1	ESYAVERAFSVFADSLPM.GANT.VGILDIGHTMTTSLVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRSLPDD	253
consensus	!*!*!*!*****!	

logo

NTDB id 1253 GC085 RS04835 WP 011215094.1	YEVEVLEPFLDAVQQAARSLQFFESSQNEIDHILLAGGNANIPGLAKLLQOKLGYRVTIANPFLQMGFSPQVDVQKIENDAS	340
NTDB id 57411 XCAW RS19655 WP 015472652.1	YESAVLEPPFKDMTLLQIKRTLQFFYSISQHGFDHILLAGGMARQPGLAALIQEQLGVTTVANPLSHMSEFGKKVNTDVINSAP	338
NTDB id 1010 ACIAD RS15195 WP 004923715.1	YEVEVLEPPKEATVQQISRLQFFYAGSEFNVDCTVLAGGCAALARLPEMVEEQLGVTTVANPLAQMTLGPKVQAHAHALDAP	338
NTDB id 1084 FDQ49 RS11070 WP 004711654.1	ETQVEVFEPYLEAVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLQLQKLGyrvtianpflqmgfSPQVDIKKVENDAA	338
NTDB id 1054 ABD1 RS15870 WP 002014066.1	YEVEVLDPFLDAVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQKLGyrvtianpflqmgfSPQVDVQKIENDAS	338
consensus	***!*!*!*****!*!*!*!!!!*!	

logo

NTDB id 1253 GC085 RS04835 WP 011215094.1	SLMVACGLALRSFD	354
NTDB id 57411 XCAW RS19655 WP 015472652.1	ALMIAATGLALRSFD	352
NTDB id 1010 ACIAD RS15195 WP 004923715.1	SLMVACGLALRSFDE	353
NTDB id 1084 FDQ49 RS11070 WP 004711654.1	SLMVACGLALRSFD	352
NTDB id 1054 ABD1 RS15870 WP 002014066.1	SLMVACGLALRSFD	352
consensus	*!!!!*!*!!!!!!***	

 non conserved
 similar
 $\geq 50\%$ conserved