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NTDB id 1292 VP RS12235 WP 005479693.1	...MKHSKQKKKQKGF ^Q TLIELMIVVAIIGV ^L LAAA ^A IPAYQ ^N NYVTRSEV ^T SG ^L ATVKALITPAEL.HYQENGIAAAAA.....	71
NTDB id 1038 HON27 RS01510 WP 000993725.1	MNAKQGF ^Q TLIELMIVVAIIGILA ^A ATAIPQY ^Q QNYIAK ^S QVNSGFSEISSIK ^T GYEN.AVNEGAV ^P TKLSDV..	69
NTDB id 1192 PAKAF RS23870 WP 024947914.1	MKAQKGF ^Q TLIELMIVVAIIGILA ^A ATAIPQY ^Q QNYVARSEGASALASVNP ^L KTTVEE.ALSRGWSVKSGTGTED	71
NTDB id 1197 PSJM300 03940 AFN76866.1	MKAQM ^Q KGF ^Q TLIELMIVVAIIGILA ^A ATAIPAYQ ^D YTVRSNAAAALAEITP ^G KIGFEQ.AINEGKT ^P SLTSTDE.	72
NTDB id 1204 PSJM300 03935 AFN76865.1	MKPVKSSC ^R GF ^S LIELMIVVAIIGILA ^A ATAIPAYQ ^N YTVRSTAASALAEITPAKAAFEQ.AISEGHT ^P SLVSSLP.	74
NTDB id 1109 OK783 RS10670 WP 157147416.1	MNTL ^Q KGF ^Q TLIELMIV ^I AI ^V GILA ^A VALPAYQ ^D YTARAQVSE ^A ILLAEGQKS ^A VTEYY ^L NHGIWPKDNTSAGV	73
NTDB id 1119 NGFG RS11465 WP 017147169.1	MNTL ^Q KGF ^Q TLIELMIV ^I AI ^V GILA ^A VALPAYQ ^D YTARAQVSE ^A ILLAEGQKS ^A VTEYY ^L NHGWK ^P ENNTSAGV	73
NTDB id 1191 AAC28468.1 484..945()	MLKKV ^Q KGF ^Q TLIELMIV ^I AI ^I GILA ^A ATAIPAYQ ^D YTARAQATE ^G CFKATAGLQ ^T DLGAWRAD ^R GSFNPAAALVAG	74
NTDB id 149603 ACU10 RS15890 WP 047340102.1	MKK ^Q KGF ^Q TLIELMIV ^V AI ^I AILAA ^A IALPAYQ ^D YTTRAKLSE ^A LTMSAPAK ^L AVAETSSSLGGVANVTLANSG	72
NTDB id 1424 RS RS02795 WP 011000517.1	MKSMRHLNKR ^V QKGF ^Q TLIELMIV ^V AI ^V GILA ^A ATAIPAYQ ^D YTVRARVTE ^G LSLAAQAKALVSENAANAQSDLSV.....	74
NTDB id 1002 ACIAD RS15100 WP 004923779.1	MNAKQGF ^Q TLIELMIV ^I AI ^I GILA ^A ATAIPAY ^T DTYTVRARVSE ^G LTAASSMKTTVSENILNAGALVAGTPSTAG	72
NTDB id 1274 LPP RS09530 WP 011214168.1	MR ^Q KGF ^Q TLIELMIV ^V AI ^I GILA ^A ATAIPAYQ ^D YTIRARVTE ^G LTLADSAKLAVSETA ^I TNNALPATQAATGY	71
NTDB id 1258 GC085 RS09745 WP 014844212.1	MR ^Q KGF ^Q TLIELMIV ^V AI ^I GILA ^A ATAIPAYQ ^D YTIRARVTE ^G LTLADSAKLAVSETA ^I TNNALPATQAATGY	71
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NTDB id 1038 HON27 RS01510 WP 000993725.1	GF..TAATSSVCATYSIDA..FTETDGAG ^K IT.CTLKG..NPKIATKIVEL ^TRS.TDGAW	121
NTDB id 1192 PAKAF RS23870 WP 024947914.1	ATKKEVPLGV..AADANKLGTIA ^L KP...DPADGT ^A DITL ^T TFTMGGAGPKNK ^G KIIT ^L T.....RTAADGLW	133
NTDB id 1197 PSJM300 03940 AFN76866.1	GYIGI..TDSTS.YCDVD ^L D....TAADGH..IE.CTAKGGNAGKFD ^G KTIT ^L N.....RT.ADGEW	123
NTDB id 1204 PSJM300 03935 AFN76865.1	GFIGI..GASTN.YCTVT ^L I....ATATGS..IT.CTTQNGMPDRFNGKTIT ^I A.....RT.TDGLW	125
NTDB id 1109 OK783 RS10670 WP 157147416.1	ASA.STIKGKYVQKVEVAK ^GVVTQAQMASTGVNKEIQDKKLSLW.....AKRQDGSVKW	125
NTDB id 1119 NGFG RS11465 WP 017147169.1	ASPPTDIKGKYVKEVEVKNG....VV ^T ATMLSSGVNNEIKGKKLSLW.....GRRENC ^S SVKW	126
NTDB id 1191 AAC28468.1 484..945()	N.....VIFDSANGLDGKYFAPGG.VTVTPDT ^G A ^I NIAFDA...GANAGKTMTIT ^I PTVIA.....ASGQISTW	133
NTDB id 149603 ACU10 RS15890 WP 047340102.1	Y....A.....FPGQ..TKYVSAVTIASG...TGK ^V TVTST....VPNATGDIVLTPTD.....VGGGQLKW	121
NTDB id 1424 RS RS02795 WP 011000517.1	GSSVF...TP.TKNVANLTIAGTGTVP ^G QITVYT....TAAGGTLALVPTAAGTALPVSSAPSGPIMW	136
NTDB id 1002 ACIAD RS15100 WP 004923779.1	S.....SCVGVEISASNA..TTNVATA..TCGASSAG ^Q IIVTMDT....TKAKGANIT ^L TPT.....YASGAVTW	130
NTDB id 1274 LPP RS09530 WP 011214168.1	V.....SPAA..TPNVASI..AIGA..NGVITITY.T....AAAGG ^T IVMTPTL.....QANGDVTW	118
NTDB id 1258 GC085 RS09745 WP 014844212.1	V.....SPAA..TPNVQSI..AIGA..NGVITITY.T....AAAGG ^T IIMTPTL.....QANGDVTW	118
consensus	*****	

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NTDB id 1292 VP RS12235 WP 005479693.1	SCLPT.....APAIA.VDGC ^S	139
NTDB id 1038 HON27 RS01510 WP 000993725.1	TCVSD.....VPT ^E FLPKGCTAGTPTEGAITS ^L	149
NTDB id 1192 PAKAF RS23870 WP 024947914.1	KCTSD.....QDEQ ^F IPKGC ^S K.....	150
NTDB id 1197 PSJM300 03940 AFN76866.1	SCAST.....LDA ^K YKPGK ^C S.....	139
NTDB id 1204 PSJM300 03935 AFN76865.1	DCTSD.....LDS ^R YKPGK ^C L.....	141
NTDB id 1109 OK783 RS10670 WP 157147416.1	FCGQPVTRTGDNDT ^V ADANNAIDT ^K HL ^P STCRDESSAT.....	164
NTDB id 1119 NGFG RS11465 WP 017147169.1	FCGQPVTRADDDT ^V ADAKDGKEIDT ^K HL ^P STCRDKASDAK.....	166
NTDB id 1191 AAC28468.1 484..945()	TCAPGAAN.....GIET ^R RLPTSC ^Q *.....	153
NTDB id 149603 ACU10 RS15890 WP 047340102.1	TCSSA.....IAT ^K YLPAECRN ^S GT.....	141
NTDB id 1424 RS RS02795 WP 011000517.1	TCYAQNKAQAAS.SVAPSGTMSLA ^A KYAPAEC ^R	168
NTDB id 1002 ACIAD RS15100 WP 004923779.1	KCTTT.....S.DKKYVPSE ^C RG.....	147
NTDB id 1274 LPP RS09530 WP 011214168.1	TCTGG.....TLLAKYRPAS ^C RP.....	136
NTDB id 1258 GC085 RS09745 WP 014844212.1	TCTGG.....TLLAKYRPAS ^C RP.....	136
consensus	*****	

 non conserved
 similar
 $\geq 50\%$ conserved