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NTDB id 1399 DSB67 RS15600 WP 010645755.1	MTPQNDIDL.AAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAWSQVDKEV..DA.....	68
NTDB id 599 KW2 RS05940 WP 021037268.1	MI..TNFDL.FRWKKAGM....TNLGVNKKLLK.FFRKY.....DR.....KISLRQMGQVAQVKSIIPNFIEQYKNQD	59
NTDB id 282147 C9J90 RS01175 WP 000931872.1	MI..NHILLKLIWSRFT.....TAQIHLLK.TFPSCEVDEYER.....MHILENFCILLADKKIDAKVNRKYKETS	64
NTDB id 40 MW RS06080 WP 000593192.1	MI..KLFLKLYWAHFS.....TKQIHQFLM.AYPNVIKEEGRKK.....DSYLCEWVNREENVHLLRKYAFIKLD	64
NTDB id 25 SA RS06185 WP 000593194.1	MI..KLFLKLYWAHFS.....TKQIHQFLM.AYPNVIKEEGRKK.....DSYLCEWVNREENVHLLRKYAFIKLD	64
consensus	!* **!!! * *** * *** * * * * ! * * * * * * * *	

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NTDB id 1399 DSB67 RS15600 WP 010645755.1	VNDLIKEOKLKVSYSITDVPVLLKEIYNPPVLLFYKGNLKLNNPHLLAWGSRSTSYTQSSLEFLLSNDKSKYL	145
NTDB id 599 KW2 RS05940 WP 021037268.1	VKKLRA..DYKKFSSFSILDDLPERLREIYNPPVLLFYQGNIDLLKNPK.LAFVGSRLAGQSGIKSVQKIVT.ELNQSF	135
NTDB id 282147 C9J90 RS01175 WP 000931872.1	VDIEITTIQKTQLINYITCFDHNPYLLKETYNPPIILFYKGNINLLSYPHTLAVVGSRLSGDYTLKALNHLFVSFQQMSF	144
NTDB id 40 MW RS06080 WP 000593192.1	HNDIIKELQKLVSYITYMDSEYPVLLKEIYQFPVLLFYKGNIKLINNMHHLAVVGARDSTSYTQSSLEFLLSNDKSKYL	144
NTDB id 25 SA RS06185 WP 000593194.1	HNDIIKELQKLVSYITYMDSEYPVLLKEIYQFPVLLFYKGNIKLINNMHHLAVVGARDSTSYTQSSLEFLLSNDKSKYL	144
consensus	** *** *	

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NTDB id 1399 DSB67 RS15600 WP 010645755.1	IVTSGLALGIDCHAHGALLAGGKTIAVLGSGLQVYPARHRGLAQRVAENGALVSEFRPDAPRAENFPRNRRIISGLS	225
NTDB id 599 KW2 RS05940 WP 021037268.1	TIVSGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGKPLKYHFPERNRIIAGLS	215
NTDB id 282147 C9J90 RS01175 WP 000931872.1	CVVSGLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLS	224
NTDB id 40 MW RS06080 WP 000593192.1	TIVSGLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLS	224
NTDB id 25 SA RS06185 WP 000593194.1	TIVSGLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLS	224
consensus	***!!!!!!*!!	

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NTDB id 1399 DSB67 RS15600 WP 010645755.1	LGVLVVEAAEKSGSLITARVALEQGREVFALPASINAPNASGGNQLIQNGACLQVNTQEVNLNEIQSLDWSINQSLDLFS	305
NTDB id 599 KW2 RS05940 WP 021037268.1	RGVVVVEAKLRSGSLITCERALEGRDIFATIPGNIADGTSDCGNHLIQGAKLVYQAQDILEEYLYN.....	282
NTDB id 282147 C9J90 RS01175 WP 000931872.1	KGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....	290
NTDB id 40 MW RS06080 WP 000593192.1	KGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....	290
NTDB id 25 SA RS06185 WP 000593194.1	KGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....	290
consensus	*!!!!!!*!!	

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NTDB id 1399 DSB67 RS15600 WP 010645755.1	APIDEEELPFPQLLANVGNATPVDILASRTNIPVQEVMMQLELELSGHVAVSGGYIRKGRG	369
NTDB id 599 KW2 RS05940 WP 021037268.1	APIDEEELPFPQLLANVGNATPVDILASRTNIPVQEVMMQLELELSGHVAVSGGYIRKGRG	282
NTDB id 282147 C9J90 RS01175 WP 000931872.1		290
NTDB id 40 MW RS06080 WP 000593192.1		290
NTDB id 25 SA RS06185 WP 000593194.1		290
consensus		

 non conserved
 similar
 $\geq 50\%$ conserved