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NTDB id 1399 DSB67 RS15600 WP 010645755.1	MTPQNDDIDL.AAWLKLSCLPGIGGVKNKLLSKDTPSMIVQYSTLQLQLLGLTAKQIQAWSVVKEV..DA.....	68
NTDB id 599 KW2 RS05940 WP 021037268.1	MI..TNFDL.FRWKKAGM....TNLGVNKLK.FFRKY.....DR.....KISLRQMGQVAQVKSIPNFIEQYKNQD	59
NTDB id 1136009 DQL90 RS06430 WP 000931873.1	MI..NHILLKLIWSRFT.....TAQIHLLK.TFPSCCEVDEYER.....MHILENCKLLADKKIDAKVNRVKEIS	64
NTDB id 40 MW RS06080 WP 000593192.1	MI..KLFLKLKYWAHFS.....TKQIHQFLM.AYPNVTKKEGRKK.....DSYLCEWVNRREENVHLLRKYAATIKD	64
NTDB id 25 SA RS06185 WP 000593194.1	MI..KLFLKLKYWAHFS.....TKQIHQFLM.AYPNVTKKEGRKK.....DSYLCEWVNRREENVHLLRKYAATIKD	64
consensus	!* **!* ! *** * *** * * * * ! * * * *	

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NTDB id 1399 DSB67 RS15600 WP 010645755.1	VNDLKEIQKLYSYITD.VPILKEIYQDPLLFIYKNIILLNPHHLAVGSPRSTSYTQSSLEFLLSNDKSKYL	145
NTDB id 599 KW2 RS05940 WP 021037268.1	..CLTWVAASSHHHLLADALYPPLLKQTVAPPPLLFFVKGEASCLPQPQ.IAMVGSRNASVDGLQHTRTFASDLVQHD	135
NTDB id 1136009 DQL90 RS06430 WP 000931873.1	VKKIRA..DYKKFSSFSILDDLYPERLREIYNPPVLIIFYQGNIDLLKNPK.LAFVGSRLAGQSGIKSVQKIVT.ELNQSF	144
NTDB id 40 MW RS06080 WP 000593192.1	VDEIETTQKQTQINYYITCFDHNYPYLLKETYNYPILLFYKGNINLLSYPHTLAVVGSRLSGDYTLKALNHLFVSFQMSF	144
NTDB id 25 SA RS06185 WP 000593194.1	HNDIikelQKLKVSyITYMDSEYPVLLKEIYQFPILLFYKGNIKLINNMHHLAVVGARDSTSYTQSSLEFLLSNDKSKYL	144
consensus	** *** ***** *! !! *!*****!***!***!*** * * * * *!***!***!***	

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NTDB id 1399 DSB67 RS15600 WP 010645755.1	TIVSGLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTRALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLS	225
NTDB id 599 KW2 RS05940 WP 021037268.1	INTSGLALCIDGHAHDGALLAGGKTIAVLGSGLIQVYPARHRCIAQVAENGALVSEFRDPAKPRAEFFPRNRRIISGLS	215
NTDB id 1136009 DQL90 RS06430 WP 000931873.1	TIVSGLAKCIDTASHLSATTKTPTIAVIGTCLDIFYPLENRKIQEYLAKYQLVISEYSLGEKPLKYHFFERNRIISGLS	224
NTDB id 40 MW RS06080 WP 000593192.1	CVVSGLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLS	224
NTDB id 25 SA RS06185 WP 000593194.1	TIVSGLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLS	224
consensus	***!!!!*!*!***!***!*****!!!!***!***!*** **********!**********!*****!***	

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NTDB id 1399 DSB67 RS15600 WP 010645755.1	KGVLITEAKEQSGSHITIDFALEQNRNVVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI	305
NTDB id 599 KW2 RS05940 WP 021037268.1	LGVLVVEAAEKSGSLITARYALEQGREVFALPASINAPNASGQNQLIQNGACTVQNTQEVNLNIQSLLDWSINQSLDLFS	282
NTDB id 1136009 DQL90 RS06430 WP 000931873.1	RGVVVVEAKLRSGSLITCERALEGRDIFATPGNIADGTSDCNHLIQGAKLVYQAGDILEBYLYN.....	290
NTDB id 40 MW RS06080 WP 000593192.1	KGVLITEAKEQSGSHITIDFALEQNRNVVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....	290
NTDB id 25 SA RS06185 WP 000593194.1	KGVLITEAKEQSGSHITIDFALEQNRNVVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....	290
consensus	*!*****!***!***!***!*****!*****!***!***!***!*****!*****!***!***!*****	

logo

NTDB id 1399 DSB67 RS15600 WP 010645755.1	APIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLELELSGHVAVSGGYIRKGRG	369
NTDB id 599 KW2 RS05940 WP 021037268.1	APIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLELELSGHVAVSGGYIRKGRG	282
NTDB id 1136009 DQL90 RS06430 WP 000931873.1		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