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NTDB id 1148916 DG022 RS07575 WP 011303269.1 ...MNDLDLLKLRFL...AGLSTQQIHRLRLRF.....SPSFMKYSKVDKQYILKQFLGTVKITAKNE 55
NTDB id 40 MW RS06080 WP 000593192.1 ...MIKLFLLLKLYW...AHFSTKQIHQFLMA.....YPNVIKEEGRKKDSYLCCEWVNREENVH.LL 54
NTDB id 25 SA RS06185 WP 000593194.1 ...MIKLFLLLKLYW...AHFSTKQIHQFLMA.....YPNVIKEEGRKKDSYLCCEWVNREENVL.LL 54
NTDB id 599 KW2 RS05940 WP 021037268.1 ...MITNFDLFRWKKAGM.TNLGVNKLKFFRKYDRKISLRQMGQVAQVKSINPFIEQYKNQ.....DVKK..... 62
NTDB id 1399 DSB67 RS15600 WP 010645755.1 MTPQNDFDLAAWLKLSCLPGTGGVKMNLKLLSK.....DTPSNIVQSYTE.....QLQLLGLTAKQL 56
consensus * **!*** * * ** * * * * * !* ** * * **** *
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NTDB id 1148916 DG022 RS07575 WP 011303269.1	NVYRLVVTTNLEVLFFKQLKAWKVHFITINHRLLYPQLLREIYDPLILFYRGKLTLMQSPRTLAIIGSRQAATQYTWQSLQT	135
NTDB id 40 MW RS06080 WP 000593192.1	RKYAFIKLDHNDLIKELQKLKVSITYTMDSEYPVLLKEIYQFPPLLIFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEF	134
NTDB id 25 SA RS06185 WP 000593194.1	RKYAFIKLDHNDLIKELQKLKVSITYTMDSEYPVLLKEIYQFPPLLIFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEF	134
NTDB id 599 KW2 RS05940 WP 021037268.1	LRADYKKFSFSILDLYPERLREIYNPPVLIIFYQGNIIDLKNPK.LAFVGRSLAGQSYGKSVQK	126
NTDB id 1399 DSB67 RS15600 WP 010645755.1	QAMSQVDKEVDACITWVAASSHHHILTALDALYPPLLKQTVAPPPLLFVKGEASCLPQPQ.IAMVGSRNAISVDGLQHTRT	135
consensus	* * * * *	

NTDB id 1148916 DG022 RS07575 WP 011303269.1	FFPSFKKKHH	LTISGLAK	GADMMAHQ	HALLFK	LPTIAVL	GFGHMHYPKETKEIRQQ	IEKDG	IVISEYL	PLEKPK	RYHFP	215
NTDB id 40 MW RS06080 WP 000593192.1	LLSNDK	SKYLTIV	SGLAQ	GADAMAHQ	IALKYN	LPTIAVL	AFGHQTHYPKSTL	ALRNK	IEEKGL	VISEYPPHTPIAKYRFP	214
NTDB id 25 SA RS06185 WP 000593194.1	LLSNDK	SKYLTIV	SGLAQ	GADAMAHQ	IALKYN	LPTIAVL	AFGHQTHYPKSTL	ALRNK	IEEKGL	VISEYPPHTPIAKYRFP	214
NTDB id 599 KW2 RS05940 WP 021037268.1	IVTELN	QSFTIV	SGLAKG	DTASHLS	AIKTKT	PTIAVIGT	GLDIFYPLENRKI	QEYLAKYQ	VLSEYSL	GEKPLKYHFP	205
NTDB id 1399 DSB67 RS15600 WP 010645755.1	FASDLVQHD	LIVT	SGLALG	IDGHAHDG	ALLAGGK	TIAVLGS	GLEQVYPARHRGLA	QRVA	ENGALV	SEFRPDAKPRAENFP	215
consensus	***	*	*****!!!!	!*!****!	!***	***!!!!**	***!*****	*****!*	*	**	!!

NTDB id 1148916 DG022 RS07575 WP 011303269.1	ERNRLISGLSKGIFITESAENSGETSITTRFALEQNRDVVYLPGTIFNKMRTLGNLRSAAQEGAKIVLNADDILEDFI... 291
NTDB id 40 MW RS06080 WP 000593192.1	ERNRIISGLSKGVLTIEAKEQSGETSHITIDFALEQNRRNVYVLPGSMFNPMTKGNNLLRIQEGAKVVNLANDIFEDYYI... 290
NTDB id 25 SA RS06185 WP 000593194.1	ERNRIISGLSKGVLTIEAKEQSGETSHITIDFALEQNRRNVYVLPGSMFNPMTKGNNLLRIQEGAKVVNLANDIFEDYYI... 290
NTDB id 599 KW2 RS05940 WP 021037268.1	ERNRIIAGLSRGVVVEAKLRSGSLITCERALEGRDIFAIPGNIADGTSDCGNHLIQQGAQLVYQAQDILEEYLYN... 282
NTDB id 1399 DSB67 RS15600 WP 010645755.1	RERNRIISGLSLGVLVVEAEKSGSLITARYALEQGREFVALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDW 295
consensus	*!!!!*!*****!*!! *!!!!*!*****!*****!*** *!!!!*!*****!*****!

NTDB id 1148916 DG022 RS07575 WP 011303269.1		291
NTDB id 40 MW RS06080 WP 000593192.1		290
NTDB id 25 SA RS06185 WP 000593194.1		290
NTDB id 599 KW2 RS05940 WP 021037268.1		282
NTDB id 1399 DSB67 RS15600 WP 010645755.1	SINQSLDLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG	369
consensus		

 non conserved
 similar
 $\geq 50\%$ conserved