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logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1      MTPQNDIDL.AAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAWSQVDKEVD..A........   68
NTDB id 599 KW2 RS05940 WP 021037268.1         MI..TNFDL.FRWKKAGM....TNLGVNKLLK.FFRKY......DR.......KISLRQMGQVAQVKSIPNFIEQYKNQD   59
NTDB id 1056843 ACFIOO RS05445 WP 054190205.1  ML..NHILLKLIWSRFT......TAQIHLLLK.TFPSCCEVDEYER.......MHILENFCKLLADKKIDAKVNRYKEIS   64
NTDB id 40 MW RS06080 WP 000593192.1           MI..KLFLLKLYWAHFS......TKQIHQFLM.AYPNVIKEEGRKK.......DSYLCEWVNREENVHLLRKYYAFIKLD   64
NTDB id 25 SA RS06185 WP 000593194.1           MI..KLFLLKLYWAHFS......TKQIHQFLM.AYPNVIKEEGRKK.......DSYLCEWVNREENVLLLRKYYAFIKLD   64
consensus                                      !*     **!** ! ***      * *** *!    **  *  *  **          !  * ***  * *  *   *  **

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1      ..CLTWVAASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQ.IAMVGSRNASVDGLQHTRTFASDLVQHDL  145
NTDB id 599 KW2 RS05940 WP 021037268.1         VKKLRAD..YKKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPK.LAFVGSRLAGQSGIKSVQKIVTE.LNQSF  135
NTDB id 1056843 ACFIOO RS05445 WP 054190205.1  VDKIETTIQKTQLNYITCFDHNYPYLLKETYNYPIILFYKGNINLLSYPRTLAVVGSRLSGDYTLKALNHLFASFQQMSF  144
NTDB id 40 MW RS06080 WP 000593192.1           HNDIIKELQKLKVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYL  144
NTDB id 25 SA RS06185 WP 000593194.1           HNDIIKELQKLKVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYL  144
consensus                                         *  **** ****** *!  !! *!******!***!**!** ** **  *!*!!*! ** ******  ***   *  *

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1      IVTSGLALGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAENGALVSEFRPDAKPRAENFPRRNRIISGLS  225
NTDB id 599 KW2 RS05940 WP 021037268.1         TIVSGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLS  215
NTDB id 1056843 ACFIOO RS05445 WP 054190205.1  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      LGVLVVEAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSLDLFS  305
NTDB id 599 KW2 RS05940 WP 021037268.1         RGVVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.............  282
NTDB id 1056843 ACFIOO RS05445 WP 054190205.1  KGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDILEDYYI..............  290
NTDB id 40 MW RS06080 WP 000593192.1           KGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI..............  290
NTDB id 25 SA RS06185 WP 000593194.1           KGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI..............  290
consensus                                      *!!***!!***!!!*!!***!!!**!*****!*********!****!!*!!**!************

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1      APIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG  369
NTDB id 599 KW2 RS05940 WP 021037268.1         ................................................................  282
NTDB id 1056843 ACFIOO RS05445 WP 054190205.1  ................................................................  290
NTDB id 40 MW RS06080 WP 000593192.1           ................................................................  290
NTDB id 25 SA RS06185 WP 000593194.1           ................................................................  290
consensus
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X non conserved
X similar
X $\geq$50% conserved