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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 257006 CU118 RS03390 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 257006 CU118 RS03390 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                                        *  **** ****** *!  !! *!******!***!**!** ** **  *!*!!*! ** ******  ***   *  *

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NTDB id 1399 DSB67 RS15600 WP 010645755.1     IVTSGLALGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAENGALVSEFRPDAKPRAENFPRRNRIISGLS  225
NTDB id 599 KW2 RS05940 WP 021037268.1        TIVSGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLS  215
NTDB id 257006 CU118 RS03390 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                                     ***!!!!*!*!***!**!******!!!!***!****!!*****************!!***********!!*!!!!!*!!!

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1     LGVLVVEAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSLDLFS  305
NTDB id 599 KW2 RS05940 WP 021037268.1        RGVVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.............  282
NTDB id 257006 CU118 RS03390 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 257006 CU118 RS03390 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