```
logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1      MTPQNDIDL.AAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAWSQVDKEV..DA.........   68
NTDB id 599 KW2 RS05940 WP 021037268.1         MI..TNFDL.FRWKKAGM....TNLGVNKLLK.FFRKY......DR.......KISLRQMGQVAQVKSIPNFIEQYKNQD   59
NTDB id 1136517 DQL79 RS06460 WP 000931873.1   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         VKKLRA..DYKKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPK.LAFVGSRLAGQSGIKSVQKIVT.ELNQSF   135
NTDB id 1136517 DQL79 RS06460 WP 000931873.1   VDEIETTIQKTQLNYITCFDHNYPYLLKETYNYPIILFYKGNINLLSYPHTLAVVGSRLSGDYTLKALNHLFVSFQQMSF   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 1136517 DQL79 RS06460 WP 000931873.1   CVVSGLAQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTSALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLS   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 1136517 DQL79 RS06460 WP 000931873.1   KGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI..............   290
NTDB id 40 MW RS06080 WP 000593192.1           KGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI..............   290
NTDB id 25 SA RS06185 WP 000593194.1           KGVLITEAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI..............   290
consensus                                      *!!***!!***!!!*!!***!!!**!*****!*********!****!!*!!**!************

logo
                                               APIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG
NTDB id 1399 DSB67 RS15600 WP 010645755.1      APIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG   369
NTDB id 599 KW2 RS05940 WP 021037268.1         ..................................................................   282
NTDB id 1136517 DQL79 RS06460 WP 000931873.1   ..................................................................   290
NTDB id 40 MW RS06080 WP 000593192.1           ..................................................................   290
NTDB id 25 SA RS06185 WP 000593194.1           ..................................................................   290
consensus
```

X non conserved
X similar
X $\geq$ 50% conserved