```
logo
NTDB id 187252 BA894 RS09100 WP 065296980.1  MKPKVLLIEDSTSLAILYKQYVQHEPYDLFHVETGKEAIAFIERNVPQLVILDFRLPDMDGEQILDWINENQVPTSVVIA   80
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ......MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPIVFM   74
consensus                                    ********!!* !*! !!* !*   * !* *! !!**!!  ! !  ! !**!! !!!!! !  *!  * !  ** **!

logo

NTDB id 187252 BA894 RS09100 WP 065296980.1  TAHGSVDLAVSLVQKGAKDFLEKPINADRLKTSIALHLQQVKLENLVEDIENKFDRNRFHGFIGSSLPMQGVYKIIDSVA  160
NTDB id 1157 A1552VC RS03895 WP 001888250.1  TAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKA..SKLKNDVDN..KNQNYQGFIGSSQTMQAVYRTIDSAA  150
consensus                                    !!!!!*! !!  * *!! !!! !!* !!!!* **  **   **  !  !**!**  * **!!!!!! *!!*!!* !!! !

logo

NTDB id 187252 BA894 RS09100 WP 065296980.1  PTTASVFIVGESGTGKEVCAEAIHRESKRKDKPFIAINCGAIPKDLMESELFGHVRGAFTGATADRKGAASMANGGTLFL  240
NTDB id 1157 A1552VC RS03895 WP 001888250.1  SSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLFL  230
consensus                                    ** !!*!! !!!!!!!!!!!!!!!  !!! !!!!!!!!!*!!!!!!*!!!*!!!!*!!!!!!  *! !!!  ! !!!!!!

logo

NTDB id 187252 BA894 RS09100 WP 065296980.1  DELCEMELEMQKKLLRFLQTGTFTPLGANKEMKVDIRIICATNRDPLVEVEEGRFREDLYYRVHVVPIDMPPLRERGNDI  320
NTDB id 1157 A1552VC RS03895 WP 001888250.1  DELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDDV  310
consensus                                    !!!!!!*!**! !!!!!*!!!!! **!  !   !!*! *!!!!!!!  !! !!!!!!!!!!!**!*!***!!!! !! !*

logo

NTDB id 187252 BA894 RS09100 WP 065296980.1  TTLATHFLKLYAKEDGKKFNAIHRDAEPTLKRYAWPGNVRQLQNIIRNIVVLNDDSHLRLEHLPSQVTSSRTPKQNSVTK  400
NTDB id 1157 A1552VC RS03895 WP 001888250.1  IEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPINRALP.  389
consensus                                      *! * !    !!*!! !  ** *  *  * ! !!!!!!!!!!**!!*!!!!*  ** !**!!***     ! *  ***

logo

NTDB id 187252 BA894 RS09100 WP 065296980.1  PEPVITPQPVVINEATENSHDAVTEPHIERPVAIRPMWQIEREAIQQAIDYCDGNVLNAAVLLELSPSTVYRKKQAWEAE  480
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ..................LAH.....ENKVSVHEIFPLWMTEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRKLQTWNEK  447
consensus                                    ****************  !*******   ** ! !*!  !* !! !!!* !!!!** !!  !**!!!!*!!! ! !

logo

NTDB id 187252 BA894 RS09100 WP 065296980.1  DEQQLV..   486
NTDB id 1157 A1552VC RS03895 WP 001888250.1  VKEKEKER   455
consensus                                       **
```

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