```
logo
NTDB id 254517 CTT30 RS08165 WP 252034580.1  MRAKVLLIEDSTSLAVLYKQYVKDEAFDLFHVETGRDAKAFIERNVPQLVILDLKLPDMNGEDILDWLNENQVPTSVVVA   80
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ......MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPIVFM   74
consensus                                    ********!!* !*! !!* !* *   !* *! !!!!!   ! !  ! !**!!!*!!!! ! !*!  * !  ** **!

logo
NTDB id 254517 CTT30 RS08165 WP 252034580.1  TAHGSVDVAVSLLQKGAKDFLEKPIQADRLKTSINLHLQQAKLEHLVEDIEAKFDRNRFHGFIGSCLPMQGVYKIIDSVA  160
NTDB id 1157 A1552VC RS03895 WP 001888250.1  TAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKAS..KLKNDV..DNKNQNYQGFIGSSQTMQAVYRTIDSAA  150
consensus                                    !!!!!*! !!   * *!! !!! !!* !!!!* **! **   ! ***!  !***    * **!!!!!* *!!*!!* !!! !

logo
NTDB id 254517 CTT30 RS08165 WP 252034580.1  PTTASVFIIGESGTGKEVCAEAIHKESKRSDKPFIAINCGAIPKDLMESELFGHVKGAFTGATTDRKGAASLAHGGTLFL  240
NTDB id 1157 A1552VC RS03895 WP 001888250.1  SSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLFL  230
consensus                                    ** !!*!! !!!!!!!!!!!!!!!!  !!! !!!!!!!!!*!!!!!!*!!!*!!!!!!!!!!! !*! !!!  !*!!!!!!

logo
NTDB id 254517 CTT30 RS08165 WP 252034580.1  DELCEMELEMQKKLLRFLQTGTFTPLGGSKEMKVDVRIICATNRDPLLEVEEGRFREDLYYRVHVVPIEMPPLRERGNDI  320
NTDB id 1157 A1552VC RS03895 WP 001888250.1  DELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDDV  310
consensus                                    !!!!!!*!**! !!!!!*!!!!! **! !!   !!!! *!!!!!!!  !! !!!!!!!!!!!**!*!***!!!! !! !*

logo
NTDB id 254517 CTT30 RS08165 WP 252034580.1  TTLATHFLKLFAKEDRKKFNGINRDAESLLKRYSWPGNVRQLQNVIRNIVVLNDEPKLSVSHLPEQISKNSKPSRPKVTQ  400
NTDB id 1157 A1552VC RS03895 WP 001888250.1  IEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPINRALP.  389
consensus                                      *! * !    !!* ! !  *  *     * ! !!!!!!!!!!!*!!*!!!!* * *** *!!***   ! !  * ***

logo
NTDB id 254517 CTT30 RS08165 WP 252034580.1  STVNHEVSAQTDPITPVEIPAQETGRMIESESPQNTIPATIRPMWQVERETIQQAIDFCDGNVLNAAVLLELSPSTVYRK  480
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ..............................LAHENKVSVHEIFPLWMTEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRK  440
consensus                                    ****************************  ***   ** ! !*!  !*  ! !!!* !!!!** !!  !**!!!!*!!!

logo
NTDB id 254517 CTT30 RS08165 WP 252034580.1  KQAWEAEEDEQQYAD   495
NTDB id 1157 A1552VC RS03895 WP 001888250.1  LQTWNEKVKEKEKER   455
consensus                                     ! !      !
```

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