```
logo
NTDB id 343900 EPB57 RS10580 WP 154204601.1  MRPRVLLVEDSTSLAILYKQYVKDEPYDIFHVETGREAIQFIERSKPQLIILDLKLPDMSGEDVLDWINQNDIPTSVIIA   80
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ......MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPIVFM   74
consensus                                    *******!!!* !*! !!* !* * * !! *! !!!*!!  ! !  ! !!*!!!*!!!!*! !!!  *    ** ***

logo

NTDB id 343900 EPB57 RS10580 WP 154204601.1  TAHGSVDLAVNLIQKGAEDFLEKPINADRLKTSVALHLKRAKLEDLVENIQSKFDRHNYHGFIGSSLPMQAVYKTIDAVA  160
NTDB id 1157 A1552VC RS03895 WP 001888250.1  TAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASK..LKN..DVDNKNQNYQGFIGSSQTMQAVYRTIDSAA  150
consensus                                    !!!!!*! !!  * *!! !!! !!* !!!!* *!  ****!  **!  **      *!!*!!!!!! *!!!!!*!!!  !

logo

NTDB id 343900 EPB57 RS10580 WP 154204601.1  PTSASVFIVGESGTGKEVCAEAVHRQSDRKDKPFIAINCGAIPRDLMESELFGHVKGAFTGATTDRKGAATLAHGGTLFL  240
NTDB id 1157 A1552VC RS03895 WP 001888250.1  SSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLFL  230
consensus                                    ** !!*!! !!!!!!!!!!!!!!*!  ! ! !!!!!!!!!*!!!*!!*!!!*!!!!!!!!!!! !*! !!!  !*!!!!!!

logo

NTDB id 343900 EPB57 RS10580 WP 154204601.1  DELCEMELEMQKKLLRFLQTGTYTPLGGTREMKVDVRIICATNRDPLTEVEEGRFREDLYYRVHVIPIDMPPLRERGSDI  320
NTDB id 1157 A1552VC RS03895 WP 001888250.1  DELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDDV  310
consensus                                    !!!!!!*!**! !!!!!*!!!!* **! **   !!!! *!!!!!!!  !! !!!!!!!!!!!**!!!***!!!! !! !*

logo

NTDB id 343900 EPB57 RS10580 WP 154204601.1  VTLARHFLTTYAKQDKKKFSTIDSEAQHIIKHYEWPGNVRQLQNIIRNIVVLNNDEKVTVSHLPAQLTKKSKVTKTTTPA  400
NTDB id 1157 A1552VC RS03895 WP 001888250.1  IEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPINRALPL  390
consensus                                    * *! * !    ! * ! !  *  !  *  **!!!!!!!!!!!!**!!*!!!!    *!* *!!**!   ! *     !

logo

NTDB id 343900 EPB57 RS10580 WP 154204601.1  HVAQESANIAPITPPPVYTEELSPSAVEPSITAAELPGTPSSAATSPYFNSDGTIRPMWQVEREAIQNAIAYCDGNVLNA  480
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ..............................................AHENKVSVHEIFPLWMTEKQAIEQAIEACDGNLPRA  426
consensus                                    ********************************************** **   ! * ! !*!  !* !! *!!  !!!!** !

logo

NTDB id 343900 EPB57 RS10580 WP 154204601.1  AVMLELSPSTVYRKKQAWEADEINLEQS.   508
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
consensus                                    !  !**!!!!*!!! ! !        !  *
```

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