```
logo

NTDB id 1106305 ACN5ZK RS02590 WP 096077898.1  ......MKMMYGLIALVLLSIVSIFVGVIDISPQHLMHLSDNQKNILMNSRFPRTLSIILAGVALSVAGLLMQQLTRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                      ******* *   *  !*   **!*!*!!! ! * ****!   !  !*  *! !! * !*! !* !!**!!*!!!!! !!!

logo

NTDB id 1106305 ACN5ZK RS02590 WP 096077898.1  VSPTTAGTMDFAKFGVLISMIFFAQAPLLVKLGFSITTAILGTFMFMWIVNRIKFKDAIFIPLVGLMLGNIVSSLATFMA  154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA  160
consensus                                      !!!!!!!!!!*!!!!*!!!*!!!! !*          !*!!*!*!* !* *!! !! !!*!!*!!! ! !*! * !! !

logo

NTDB id 1106305 ACN5ZK RS02590 WP 096077898.1  LRFNAMQSISNFFVGDFSMITKGRYEVLYIIIPMVIIMYFFAHHFTIVGMGESFSKNLGISYNKIMNLGVVIAAVVSATV  234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV  240
consensus                                         ! *! !   *  !    *  ! !!*!!! *!* !* !! !!* !!!!!!!    !!!!!!! !* !!**!  ***  !

logo

NTDB id 1106305 ACN5ZK RS02590 WP 096077898.1  VVTIGVLPFLGLIVPNIVGLFVGDHMNKALPYTALLGAIIVMIADIFSRIIIFPYEIPIGLTLGILGSVVFMIILLKRRK  314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRK.  319
consensus                                      *!**!**!!!!!!*!!*!*!**!!** ! !*! !!*!!* ****!! !!**!!!*!*!* *! !*!!!**!* *!!!!**

logo

NTDB id 1106305 ACN5ZK RS02590 WP 096077898.1  EYA   317
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  AYA   322
consensus                                       !!
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X non conserved
X similar
X ≥ 50% conserved