```
logo

NTDB id 215239 AJGP001 RS02280 WP 078080097.1  ......MKKRYLIPTLIILSIISLFVGVSSISVADLLDFQSEETQIFLISRLPRLVAILLAGAGMSMAGLIMQQLSRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                      *******  * !!* !*   *!!!!*!! !! ! !*!  *!    !  **!*!!!*!!!! !  *!**!!!!!!!* !!!

logo

NTDB id 215239 AJGP001 RS02280 WP 078080097.1  VSPTTAGTLDATRLGILVSMLMFANASMLEKMAVAFAFALAGTFLFMQILNRIKFKDAIFIPLVGLMFGNILSSITTFFA  154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA  160
consensus                                      !!!!!!!!*!* * !!!*!** !! !!      *!  !!! !*!*!*!!! *!! !! !!*!!*!!!!! !*! !!!!!!

logo

NTDB id 215239 AJGP001 RS02280 WP 078080097.1  YRADVIQNMSAWLQGDFSMVMKGSYELLYISVPVFVIAYLYANRFTVAGMGEDFSKNLGMKYRSVVNIGLVLVALITATV  234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV  240
consensus                                      !    !!!* *!!!!    !! ! !!!!!!!*!*!**!!  !** !* !!!!!   !!!* !  ** *!!**! *!!  !

logo

NTDB id 215239 AJGP001 RS02280 WP 078080097.1  VLTVGVIPFLGLIIPNIVSIFKGDHLQKTLPHTAMLGAIFLLVCDILGRVMIYPYEISISLMVGVIGSFIFLFLLFRRKT  314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA  320
consensus                                      ***!!*!!!!!!!!!!!*! ** !!*! ! !** !**!!*!!!!!!!* !**!*!*!***!*  !!*!! !!*!!! *!!

logo

NTDB id 215239 AJGP001 RS02280 WP 078080097.1  YA   316
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YA   322
consensus                                      !!
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X non conserved
X similar
X ≥ 50% conserved