```
logo
NTDB id 189020 I858 RS02235 WP 049693958.1     ......MKKRYLIPTLIILSIISLFVGVSSISIADLLDFQSEETQIFLISRLPRLVAILLAGAGMSMAGLIMQQLSRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                     *******  * !!* !*   *!!!!*!! !! * !*!  *!    !  **!*!!!*!!!! !  *!**!!!!!!!* !!!

logo
NTDB id 189020 I858 RS02235 WP 049693958.1     VSPTTAGTLDATRLGILVSMLLFANASMLEKMTVAFAFALAGTFLFMQILNRIKFKDAIFIPLVGLMFGNILSSITTFFA   154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA   160
consensus                                     !!!!!!!!*!* * !!!*!** !! !!      *!  !!! !*!*!*!!! *!! !! !!*!!*!!!!! !*! !!!!!!

logo
NTDB id 189020 I858 RS02235 WP 049693958.1     YRADVIQNMSAWLQGDFSMVMKGSYELLYISVPVFIIAYLYANRFTVAGMGEDFSKNLGMKYRSVVNIGLTLVALITATV   234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV   240
consensus                                     !    !!!* *!!!!    !! ! !!!!!!!*!*!!*!!  !** !* !!!!!   !!!* !  ** *!! *! *!!  !

logo
NTDB id 189020 I858 RS02235 WP 049693958.1     VLTVGVIPFLGLIIPNIVSIFKGDHLQKTLPHTAMLGAIFLLVCDILGRVLIYPYEISISLMVGVIGSFVFLFLLFRRKA   314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA   320
consensus                                     ***!!*!!!!!!!!!!!*! ** !!*! ! !** !**!!*!!!!!!!* !**!*!*!***!*  !!*!! *!*!!! *!!!

logo
NTDB id 189020 I858 RS02235 WP 049693958.1     YA   316
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YA   322
consensus                                     !!
```

X non conserved

X similar

X $\geq$ 50% conserved