```
logo

NTDB id 1080022 ACKVEV RS15110 WP 409367170.1  ......MKIRYLLTATVVLSIVSLFIGVVNIKPSDLLDFESEETRLFLISRVPRLVAILLAGAGMSIAGLIMQSLSRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                     ******* ** !*   *   **!!!!!!* ! * !*!   !    *  **!*!!!*!!!! !  *!!*!!!!! !* !!!

logo

NTDB id 1080022 ACKVEV RS15110 WP 409367170.1  VSPTTAGTLDATKLGVLISMMFFTNVTYFQKISFAFIFALAGTLLFMQILNRIKFKDAIFIPLIGLMFGNILSSITTFFA  154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA  160
consensus                                     !!!!!!!!*!* ! !*!!!**!!   **!     ! *!!! !* *!*!!! *!! !! !!*!!!!!!!! !*! !!!!!!

logo

NTDB id 1080022 ACKVEV RS15110 WP 409367170.1  YKADIIQNITAWLQGDFSLIMKGRYELLYISVPVLILTYIYANRFTVAGMGEDFAKNLGLSYKFVVNLGLVLVALVSTTV  234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV  240
consensus                                     !    !!!! *!!!!    *! ! !!!!!!!*!* !! !  !** !* !!!!! ! !!!*!!  ** !!!**! **** !

logo

NTDB id 1080022 ACKVEV RS15110 WP 409367170.1  VLTVGVIPFLGLIIPNIISLFKGDNLAKTLPHTALLGMSFLLLCDILGRVLIFPYEIPISMTVGVIGSAIFLFMLFRGRA  314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA  320
consensus                                     ***!!*!!!!!!!!!!!** !* !!!! ! !** !!*!  !!!*!!!* !**!!!*!*!*!*! !!*!! !!*!*! * *!

logo

NTDB id 1080022 ACKVEV RS15110 WP 409367170.1  YA   316
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YA   322
consensus                                     !!
```

X non conserved
X similar
X ≥ 50% conserved