```
logo

NTDB id 1044277 ACEPXG RS16925 WP 391204956.1  ......MKKRYLAIALVALSLLSLFVGVTRISPMDLLDFTSQKTQIFLISRIPRLIAIILAGAGMSIAGLIMQSLSRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                      *******  * !   !*   **!!!*!!  ! * !*!   !    !  **!!!!!!!!*! !  *!!*!!!!! !* !!!

logo

NTDB id 1044277 ACEPXG RS16925 WP 391204956.1  VSPTTAGTLDATRLGILISMIVFTNATYMQKLTFAFIFALAGTLLFMQILNRIKFKDAIFIPLVGLMFGNILSSITTFFA  154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA  160
consensus                                      !!!!!!!!*!* * !!!!!*! !  !**      ! *!!! !* *!*!!! *!! !! !!*!!*!!!!! !*! !!!!!!

logo

NTDB id 1044277 ACEPXG RS16925 WP 391204956.1  YKSNIVQNITVWLQGDFSLILKGRYELLYISVPVLIIAYFYANRFTVAGMGEDFAKNLGLSYKRVMNLGLVLVALISTTV  234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV  240
consensus                                      !  ! *!!!  !!!!    ** ! !!!!!!!*!* !*!!! !** !* !!!!! ! !!!*!!  ** !!!**! *!** !

logo

NTDB id 1044277 ACEPXG RS16925 WP 391204956.1  VLTVGMIPFLGLIIPNIVSIFKGDHLEKTLPHTALLGVIFLLICDILGRVLIFPYEIPISMTVGVIGSAIFLFLLFRGKA  314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA  320
consensus                                      ***!!*!!!!!!!!!!!*! ** !!*! ! !** !!*! *!!!*!!!* !**!!!*!*!*!*! !!*!! !!*!!! * !!

logo

NTDB id 1044277 ACEPXG RS16925 WP 391204956.1  YA   316
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YA   322
consensus                                      !!
```

X non conserved
X similar
X ≥ 50% conserved