```
logo

NTDB id 1154884 ACNMOQ RS11225 WP 017000362.1  .MGKFLMRLDVLIVLLVIATFFSIFIGVSEVRPLQILSLTDEQKNILVSSRIPRTVSIIISGSCLAICGLIMQQLTRNKF   79
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                      *  !*** ! !!! !!*     !*!!!!  * *  !! !   !  !*  *!!!! * !***! *! !!!!!!!!!! !!!

logo

NTDB id 1154884 ACNMOQ RS11225 WP 017000362.1  VSPTTAGTMDWAKLGVLISLILFPDTNILFKLLFATLLSLFGTMLFMQILQRIQFKDVIFIPLVGIMLGNIVSSFSTFVA  159
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA  160
consensus                                      !!!!!!!!!!*!! !*!!!!! !*        * !**  ! !* *!*!!! *!  !!!!!*!!*!*! ! !*!  *!! !

logo

NTDB id 1154884 ACNMOQ RS11225 WP 017000362.1  LRTNAVQSIGNFMQGNFSIITSGRYEILYISIPLLIIAYIFANKFTIAGMGKDFSVNLGLNYHRIVNIGLIIASIITALV  239
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV  240
consensus                                        ! *! !   **!!    *  ! !!*!!!!*!! !*!!  !*! !! !!! !  *!!!* !* !* *!!*! !!!! !!

logo

NTDB id 1154884 ACNMOQ RS11225 WP 017000362.1  VVTVGMMPFLGLIIPNLISIFRGDHLKNALPHTAILGALFVMICDILGRLIIFPYEITIGLTIGVIGSFIFIVLLMKGRS  319
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA  320
consensus                                      *!*!!**!!!!!!!!!!!* ** !!*!*  !** !**!!!!***!!!* !!*!!!*!*** *! !!*!! !!! !!*! *

logo

NTDB id 1154884 ACNMOQ RS11225 WP 017000362.1  KNA   322
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YA.   322
consensus                                        *
```

X non conserved
X similar
X ≥ 50% conserved