```
logo
NTDB id 142817 VT48 RS05110 WP 017366964.1     ......MKLYQLSLLFVCLACASLFVGVQDLSLLQLFHLSDEQMNTLFSSRIPRLMSIVLAGMSLSLCGFIMQSMTRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                      ******* !  !  ! ** ** !!!*!!  * *  * *!   !*  *  *!!!!!* !*! !!!!!*!! !!! *! !!!

logo
NTDB id 142817 VT48 RS05110 WP 017366964.1     VSPTTAGTMDWAKLGILTAMLVFTQASPLMKMAIAFLFTLAGNLLFLKILRHIKVNDTIYVPLVGLMFGGIVSSISTFIA  154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA  160
consensus                                      !!!!!!!!!!*!! !!!  ** !  !!*     !! *! ! !  *!* !!!*!!* ! !*!!!*!!!!!!!*! !*!! !

logo
NTDB id 142817 VT48 RS05110 WP 017366964.1     YKYDLIQNVSAWLQGDFSLIVQGRYELLYVSVPLLIIAYLYADRFTVAGMGESFAVNLGLTYKRVMAVGLVIVSMITSVT  234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV  240
consensus                                      !    !!!* *!!!!    **!! !!!!!*!*!! !*!!  !** !* !!!!  !*!!!**!  ** *!!*!!!*!!!*

logo
NTDB id 142817 VT48 RS05110 WP 017366964.1     ILTVGMLPFLGLIIPNIVSIYRGDHLKKSLPHTALLGAIFVLICDVLGRVIIYPYEISVGLMVGIIGSAIFLYMLLRRKR  314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA  320
consensus                                      !**!!**!!!!!!!!!!*! *! !!*!*! !** !!*!!*!*!*!!** !**!*!*!*** *  !**!! !!***!!*!!

logo
NTDB id 142817 VT48 RS05110 WP 017366964.1     YA   316
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YA   322
consensus                                      !!
```

X non conserved

X similar

X $\geq$ 50% conserved