```
logo
NTDB id 117018 AW03 RS02045 WP 015382768.1     .....MKLRYLFILLIILAVTSVFIGVEDLSPLDLFDLSKQEASTLFASRLPRLISIVIAGLSMSICGLIMQQISRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                     ******* !* !  !!*  ** !*!!!!  * * !*  !       *  *!*!!!! !** !*!*!!!!!!!!!** !!!

logo
NTDB id 117018 AW03 RS02045 WP 015382768.1     VSPTTAGTMDWARLGILISLLLFTSASPLIKMLIAFVFALAGNFLFMKILERIKFNDTIFIPLVGLMLGNIVSSIATFIA  154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA  160
consensus                                     !!!!!!!!!!*!* !!!!!!* !  !!*    *!! !!!! ! !*!* !! *!!  ! !!*!!*!!! ! !*! ! !! !

logo
NTDB id 117018 AW03 RS02045 WP 015382768.1     YKYDLIQNVSSWLQGDFSLVVKGRYELLYLSIPLVIIAYVYADKFTLAGMGESFSVNLGLKYKRVVNIGLIIVSLITSLV  234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV  240
consensus                                     !    !!!*  !!!!    !* ! !!!!!*!*!! !*!!  !*! !* !!!!   *!!!* !  ** *!!*!!!*!!!!!

logo
NTDB id 117018 AW03 RS02045 WP 015382768.1     ILTVGMLPFLGLIIPNIVSIYRGDNLKSSLPHTALLGAVFVLFCDILGRIIIFPYEISIGLMVGIIGSGIFLFMLLRRKA  314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA  320
consensus                                     !**!!**!!!!!!!!!!*! *! !!!!*  !** !!*!!*!*! !!!* !**!!!*!*** *  !**!! !!*!*!!*!!!

logo
NTDB id 117018 AW03 RS02045 WP 015382768.1     YA   316
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YA   322
consensus                                     !!
```

X non conserved

X similar

X ≥ 50% conserved