```
logo

NTDB id 87086 BsBEST3145 RS02110 WP 003234491.1  ......MKLRYLFILLIILAVTSVFIGVEDLSPLDLFDLSKQEASTLFASRLPRLISIVIAGLSMSICGLIMQQISRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1    MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                       ******* !* !  !!*  ** !*!!!!  * * !*  !       *  *!*!!!! !** !*!*!!!!!!!!!** !!!

logo

NTDB id 87086 BsBEST3145 RS02110 WP 003234491.1  VSPTTAGTMDWARLGILISLLLFTSASPLIKMLVAFVFALAGNFLFMKILERIKFNDTIFIPLVGLMLGNIVSSIATFIA  154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1    VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA  160
consensus                                       !!!!!!!!!!*!* !!!!!!* !  !!*    **! !!!! ! !*!* !! *!!  ! !!*!!*!!! ! !*! ! !! !

logo

NTDB id 87086 BsBEST3145 RS02110 WP 003234491.1  YKYDLIQNVSSWLQGDFSLVVKGRYELLYLSIPLVIIAYVYADKFTLAGMGESFSVNLGLKYKRVVNIGLIIVSLITSLV  234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1    YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV  240
consensus                                       !    !!!*  !!!!    !* ! !!!!!*!*!! !*!!  !*! !* !!!!   *!!!* !  ** *!!*!!!*!!!!!

logo

NTDB id 87086 BsBEST3145 RS02110 WP 003234491.1  ILTVGMLPFLGLIIPNIVSIYRGDNLKSSLPHTVLLGAVFVLFCDILGRIIIFPYEISIGLMVGIIGSGIFLFMLLRRKA  314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1    IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA  320
consensus                                       !**!!**!!!!!!!!!!*! *! !!!!*  !**  !*!!*!*! !!!* !**!!!*!*** *  !**!! !!*!*!!*!!!

logo

NTDB id 87086 BsBEST3145 RS02110 WP 003234491.1  YA   316
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1    YA   322
consensus                                       !!
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X non conserved

X similar

X $\geq$ 50% conserved