```
logo

NTDB id 1157638 KJP51 RS02185 WP 014475804.1  ......MKLRYLFILLIILAVTSVFIGVEDLSPLDLFDLSKQEASTLFASRLPRLISIVIAGLSMSICGLIMQQISRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                     ******* !* !  !!*  ** !*!!!!  * * !*  !       *  *!*!!!! !** !*!*!!!!!!!!!** !!!

logo

NTDB id 1157638 KJP51 RS02185 WP 014475804.1  VSPTTAGTMDWARLGILISLLLFTSASPLIKMLVAFVFALAGNFLFMKILERIKFNDTIFIPLVGLMLGNIVSSIATFIA   154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA   160
consensus                                     !!!!!!!!!!*!* !!!!!!* !  !!*    **! !!!! ! !*!* !! *!!  ! !!*!!*!!! ! !*! ! !! !

logo

NTDB id 1157638 KJP51 RS02185 WP 014475804.1  YKYDLIQNVSSWLQGDFSLVVKGRYELLYLSIPLVIIAYVYADKFTLAGMGESFSVNLGLKYKRVVNIGLIIVSLITSLV   234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV   240
consensus                                     !    !!!*  !!!!    !* ! !!!!!*!*!! !*!!  !*! !* !!!!   *!!!* !  ** *!!*!!!*!!!!!

logo

NTDB id 1157638 KJP51 RS02185 WP 014475804.1  ILTVGMLPFLGLIIPNIVSIYRGDNLKSSLPHTALLGAVFVLFCDILGRIIIFPYEISIGLMVGIIGSGIFLFMLLRRKA   314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1  IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA   320
consensus                                     !**!!**!!!!!!!!!!*! *! !!!!*  !** !!*!!*!*! !!!* !**!!!*!*** *  !**!! !!*!*!!*!!!

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NTDB id 1157638 KJP51 RS02185 WP 014475804.1  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