```
logo

NTDB id 251807 CG475 RS02290 WP 048724317.1   ......MKKRYLFIMLIVLSVASIFIGVKDVSLTDVLHWNQEKMQIVFISRLPRLISIIVAGVSLSISGLIMQQLSRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1 MFFKHILSLKVLIALLLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                     *******  * !  *!*   * !*!!!!  * * !*!* !   * !* **!*!!!! !** !*!!!!*!!!!!!!* !!!

logo

NTDB id 251807 CG475 RS02290 WP 048724317.1   VSPTTAGTMDSAKLGVLVSLMLFTTASPLEKMFIAFIFALAGTFLFMQILKRIKFKDAIFIPLVGIMFGNIISSITTFFA   154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1 VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA   160
consensus                                     !!!!!!!!!!*!! !*!*!!* !  !!*     !! *!!! !*!*!*!!!**!! !! !!*!!*!*!!! !!! !!!!!!

logo

NTDB id 251807 CG475 RS02290 WP 048724317.1   YKYDLIQNINSWLQGDFSMIMKGRYEILYFSIPLVIIAFLYANRFTVAGMGEDFAANLGMNYNRVLNIGLIIVSLISALV   234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1 YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV   240
consensus                                     !    !!!!* !!!!    *! ! !!*!! !*!! !*!*  !** !* !!!!! ! !!!* !! *! *!!*!!!*!* !!

logo

NTDB id 251807 CG475 RS02290 WP 048724317.1   VLTVGMIPFLGLIIPNIVSIYRGDHLKNSLPHTALLGAVFVLACDILGRVVIYPYEISIGLTVGVIGSGIFLYLLMRRNA   314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1 IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA   320
consensus                                     ***!!*!!!!!!!!!!!*! *! !!*!*  !** !!*!!*!*! !!!* !*!!*!*!*** *! !!*!! !!**!!**! !

logo

NTDB id 251807 CG475 RS02290 WP 048724317.1   YAT   317
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1 YA.   322
consensus                                     !!*
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X non conserved

X similar

X $\geq$ 50% conserved