```
logo
NTDB id 1059 ABD1 RS01610 WP 000279215.1    MAVKKAQMMPTFAYEGVDRKGVKIKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEG.....LFKKKVTTLDITIFTRQLAT   80
NTDB id 145418 SY84 RS13985 WP 046844511.1  ........MPVFEYRVRDRSGKVLKSQMEAETANQVRDALRSKGLMIVEIKAPKSGLNADIKIPFLDNRPPSLKQVAIFSKQLAT   77
NTDB id 1029 TT RS02230 WP 011228203.1      ........MPVYQYKARDRQGRLVEATIEAEDLRTAARLLRDRGLFVAEIKEPGKGLQAEVRIPALER.GPGLKDLAIFSRQLAT   76
consensus                                            !!** !***!! !***** **!* *  **  !! *!* * *!************* !*** ******!!**!!!!

logo
NTDB id 1059 ABD1 RS01610 WP 000279215.1    MMKAGVPLVQGFEIVAEGLENPAMREVVLGIKGEVEGGSTFASALRKYPQHFDNLFCSLVESGEQSGALETMLDRVAIYKEKSEL  165
NTDB id 145418 SY84 RS13985 WP 046844511.1  LINAGVPLVQSLAILQKQIDHKGFQGVVKEMRGEIEAGTPLSDALAKHPKIFNRLYLNLVRAGETSGTLDSVLERIADFQEKELA  162
NTDB id 1029 TT RS02230 WP 011228203.1      MLGAGLTLLQALAILERQTENRKFREILKQVRTDVEGGMAFSEALSKH.KIFSRLYVNLVRAGETSGGLDLILDRLASFLEKELE  160
consensus                                   ** !!**!*!***!* ************* *****!*!* ***!! !****! *!***!!**!!*!!*!***!*!*! * !!**

logo
NTDB id 1059 ABD1 RS01610 WP 000279215.1    LKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFQDLFASFGADLPAFTQMVVNMSKWMQEYWFIMIIAIGAVIAAFLEAKKRSK  250
NTDB id 145418 SY84 RS13985 WP 046844511.1  LRGKIKSALTYPVVVLVFAILITYFLLTTIVPQFAGILAQLNAPLPFITRMLMAVSSFLQNQILLMVAIIAAVTFAYR.AYYRTP  246
NTDB id 1029 TT RS02230 WP 011228203.1      LRGKIRSAMTYPVIVFVFAVGVAYFLLTGIVPQFAQILTDLGSELPLLTRFLIAVSDLLRAATLPLLLLAVALFFAYR.WYYGTP  244
consensus                                   !**!!**!**!!*!*!*!*****!** *!!*!* *** ***!! *!******! ***   *******!* *!** ******

logo
NTDB id 1059 ABD1 RS01610 WP 000279215.1    KFRDGLDKLALKLPIFGDLVYKAIIARYSRTLATTFAAGVPLIDALESTAGATNNVIYEKAVMKIREDVATGQQLQFAMR.ISNR  334
NTDB id 145418 SY84 RS13985 WP 046844511.1  KGRVVIDEIKLKVPILGNLIQKSAIASFSRTFGLLISSGVNIIESLEITKGTANNAIVEESIENAKNVVMVGEQMSSSLA.TSKV  330
NTDB id 1029 TT RS02230 WP 011228203.1      QGRRVIDRLKLRLPVFGNLNRKTAVARFSRTLALLLSSGVNIVEALDITKGTAGNSVVEEIVEAAKLKIQQGDPLNLTLAQHPFV  329
consensus                                   **! **!***!**!**!*!* !***!**!!!*******!!*****!**!*!***! **!* ** **  *  !**** ***  * *

logo
NTDB id 1059 ABD1 RS01610 WP 000279215.1    FPSMAIQMVAIGEESGALDSMLDKVATYYENEVDNAVDGLTSMMEPLIMAILGVLVGGLVIAMYLPIFQMGSVV...  408
NTDB id 145418 SY84 RS13985 WP 046844511.1  FPPMVVSMISIGEETGSLDDMLVKVGDFYDREVDEAVDSMTAAIEPLMIVFLGGIVGMIVAGMFLPMFAIIGQLSQ.  406
NTDB id 1029 TT RS02230 WP 011228203.1      FPPMVSSMVAIGEETGALDTMLSKVADFYEREVDEAVASLTAAIEPLMIIFLGVIVGMIVAGMFLPLFKIIGTLSVQ  406
consensus                                   !!*!***!**!!!!*!*!!*!! !!***!**!!!*!!***!***!!!***!!**!!**!**!*!!*! *** **
```

X non conserved

X similar

X ≥ 50% conserved