```
logo
NTDB id 310629 D0B54 RS13925 WP 117291902.1  .......MKHAQRAFTLIELMIVVAIIGILAIIALPIYQEYTVRSRVAELVVLASGGRATVTENIANRGNAIDAA.....   68
NTDB id 1424 RS RS02795 WP 011000517.1       MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......   74
NTDB id 1002 ACIAD RS15100 WP 004923779.1    ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG   72
NTDB id 1274 LPP RS09530 WP 011214168.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
NTDB id 1258 GC085 RS09745 WP 014844212.1    .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
NTDB id 1038 H0N27 RS01510 WP 000993725.1    ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYE.NAVNEGAVPTKLSDV..   69
NTDB id 1192 PAKAF RS23870 WP 024947914.1    ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVE.EALSRGWSVKSGTGTED   71
NTDB id 1204 PSJM300 03935 AFN76865.1        ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFE.QAISEGHTPSLVSSLP.   74
NTDB id 1197 PSJM300 03940 AFN76866.1        ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFE.QAINEGKTPSLTSTDE.   72
consensus                                              ***!*!!!!!!!*!!*!!!!*!!*!*!**!****** **** ** ** ******** *   *

logo
NTDB id 310629 D0B54 RS13925 WP 117291902.1  .SCDGVTTAI..TA.TNSTASL..T...CT...AGVLVIT.G....TDKAKSVALTYTPSI.........GSGGVVAWKC   122
NTDB id 1424 RS RS02795 WP 011000517.1       ....GSSVF...TP.TKNVANLTIA...GTGTVPGQITVTYT.....TAAGGGTLALVPTAAGTALPVSSAPSGPIMWTC   138
NTDB id 1002 ACIAD RS15100 WP 004923779.1    SSCVGVQEISASNA.TTNVATA..T...CGASSAGQIIVTMD....TTKAKGANITLTPT..........YASGAVTWKC   132
NTDB id 1274 LPP RS09530 WP 011214168.1      V.........SPAA.TPNVASI..A...IGA..NGVITITY.....TAAAGGGTIVMTPTL.........QANGDVTWTC   120
NTDB id 1258 GC085 RS09745 WP 014844212.1    V.........SPAA.TPNVQSI..A...IGA..NGVITITY.....TAAAGGGTIIMTPTL.........QANGDVTWTC   120
NTDB id 1038 H0N27 RS01510 WP 000993725.1    ..........GFTAATSSVCATYSIDAFTETDGAGKIT.CTLKG..NPKIATKIVELTR............S.TDGAWTC   123
NTDB id 1192 PAKAF RS23870 WP 024947914.1    ATK..KEVPLGVAADANKLGTIALKP..DPADGTADITLTFTMGGAGPKNKGKITTLTR............TAADGLWKC   135
NTDB id 1204 PSJM300 03935 AFN76865.1        .......GFIGIGASTN.YCTVTLI...ATATGS..IT.CTTQNGMPDRFNGKTITIAR............T.TDGLWDC   127
NTDB id 1197 PSJM300 03940 AFN76866.1        .......GYIGITDSTS.YCDVDLD...TAADGH..IE.CTAKGGNAGKFDGKTITLNR............T.ADGEWSC   125
consensus                                              *  * *  ****        *   * ****        ** * *******           * *** !*!

logo
NTDB id 310629 D0B54 RS13925 WP 117291902.1  TAD...............PSNQRYVPAECR............   137
NTDB id 1424 RS RS02795 WP 011000517.1       YAQNKAQAASSVAPSGTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1    TTT...............S.DKKYVPSECRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1      TGG...............TLLAKYRPASCRP...........   136
NTDB id 1258 GC085 RS09745 WP 014844212.1    TGG...............TLLAKYRPASCRP...........   136
NTDB id 1038 H0N27 RS01510 WP 000993725.1    VSD...............VPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1    TSD...............QDEQFIPKGCSK...........   150
NTDB id 1204 PSJM300 03935 AFN76865.1        TSD...............LDSRYKPGKCL...........   141
NTDB id 1197 PSJM300 03940 AFN76866.1        AST...............LDAKYKPGKCS...........   139
consensus                                    **                *  ** !* !*
```

X non conserved

X similar

X ≥ 50% conserved