logo

```
NTDB id 1184 GTF74 RS02335 WP 000649326.1        ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA   77
NTDB id 1167 A1552VC RS11065 WP 000649326.1      ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA   77
NTDB id 1160 ABDM36 RS02330 WP 000649326.1       ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA   77
NTDB id 1038 HON27 RS01510 WP 000993725.1        ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNE.GAVPTKLSD...   68
NTDB id 1000038 ABFU52 RS05130 WP 129588891.1    ........MSGQKGFSLIELMIVIAIIAILAAIAFPAYQSSVAKAQLTAALAEIRPGKTTLETVVQD.GRDPSLVDK...   68
NTDB id 1192 PAKAF RS23870 WP 024947914.1        ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSR.GWSVKSGTGTED   71
NTDB id 1197 PSJM300 03940 AFN76866.1            ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINE.GKTPSLTSTDE.   72
NTDB id 1204 PSJM300 03935 AFN76865.1            ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISE.GHTPSLVSSLP.   74
NTDB id 1119 NGFG RS11465 WP 017147169.1         .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV   73
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 GCO85 RS09745 WP 014844212.1        ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
consensus                                                **!!*!!!!!!!*!****!!!*!*!*!** *  *  *  **  *   !* *** *   *  *
```

logo

```
NTDB id 1184 GTF74 RS02335 WP 000649326.1        .....GFTRLGTVED...MGDGKIVIAPTASGALGGTIKYTF....DAGVVSSSKIQLARD.............ANGLWT   132
NTDB id 1167 A1552VC RS11065 WP 000649326.1      .....GFTRLGTVED...MGDGKIVIAPTASGALGGTIKYTF....DAGVVSSSKIQLARD.............ANGLWT   132
NTDB id 1160 ABDM36 RS02330 WP 000649326.1       .....GFTRLGTVED...MGDGKIVIAPTASGALGGTIKYTF....DAGVVSSSKIQLARD.............ANGLWT   132
NTDB id 1038 HON27 RS01510 WP 000993725.1        .......VGFTAATSS..VCATYSIDAFTETDGA.GKIT.CTLKGN..PKIATKIVELTRS..............TDGAWT   122
NTDB id 1000038 ABFU52 RS05130 WP 129588891.1    ......SYVGLTVSARC..SSVSA..I..LDSSGV.GEIS.CTLQGS..SLVSGRDLKLKRS..............AAGLWT   120
NTDB id 1192 PAKAF RS23870 WP 024947914.1        ATKKEVPLGVAADANK..LGTIA..LKPDPADGT.ADITLTFTMGGAGPKNKGKIITLTRT..............AADGLWK   134
NTDB id 1197 PSJM300 03940 AFN76866.1            .....GYIGITDSTS...YCDVD..LD.TAADGH...IE.CTAKGGNAGKFDGKTITLNRT..............ADGEWS   124
NTDB id 1204 PSJM300 03935 AFN76865.1            .....GFIGIGASTN...YCTVT..LI.ATATGS...IT.CTTQNGMPDRFNGKTITIART..............TDGLWD   126
NTDB id 1119 NGFG RS11465 WP 017147169.1         AS..............PPTDIKGKY.VKEVEVKNGVVTATMLSSGVNNEIKGKKLSL..........WGRRENGSVKWF   127
NTDB id 1424 RS RS02795 WP 011000517.1           ........GSSVF...TPTKNVANLT.IAGTGTVPGQITVTYT.....TAAGGGTLALVPTAAGTALPVSSAPSGPIMWT   137
NTDB id 1002 ACIAD RS15100 WP 004923779.1        SS....CVGVQEISASNATTNVATA...TCGASSAGQIIVTMDT....TKAKGANITLTPT..........YASGAVTWK   131
NTDB id 1274 LPP RS09530 WP 011214168.1          V.............SPAATPNVASI...AIGA..NGVITITY.T....AAAGGGTIVMTPTL.........QANGDVTWT   119
NTDB id 1258 GCO85 RS09745 WP 014844212.1        V.............SPAATPNVQSI...AIGA..NGVITITY.T....AAAGGGTIIMTPTL.........QANGDVTWT   119
consensus                                                *           *           *  * **  *           *  *  *  **           *  *  !*
```

logo

```
NTDB id 1184 GTF74 RS02335 WP 000649326.1        CS.T..............TVTSEIAPKGCTAGATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1      CS.T..............TVTSEIAPKGCTAGATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1       CS.T..............TVTSEIAPKGCTAGATIN......   153
NTDB id 1038 HON27 RS01510 WP 000993725.1        CV.S..............DVPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1000038 ABFU52 RS05130 WP 129588891.1    CDAS..............AFDQKYRPAGC.............   135
NTDB id 1192 PAKAF RS23870 WP 024947914.1        CT.S..............DQDEQFIPKGCSK...........   150
NTDB id 1197 PSJM300 03940 AFN76866.1            CA.S..............TLDAKYKPGKCS...........   139
NTDB id 1204 PSJM300 03935 AFN76865.1            CT.S..............DLDSRYKPGKCL...........   141
NTDB id 1119 NGFG RS11465 WP 017147169.1         CGQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1424 RS RS02795 WP 011000517.1           CYAQNKAQAASSVA.PSGTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1        CTTT..............S.DKKYVPSECRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1          CTGG..............TLLAKYRPASCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1        CTGG..............TLLAKYRPASCRP...........   136
consensus                                        !* *              **  **  !  !
```

X non conserved
X similar
X ≥ 50% conserved