```
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     ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGA.VPTK......    65
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGW.SVKSGTGTED    71
NTDB id 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALV..    72
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDL....S...    73
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG    72
NTDB id 278711 C7A15 RS03745 WP 002116696.1  ........MNAQKGFTLIELMIVVAIIGILAAIAIPAYQDYMVRSKVTEGLNLASSYKTTIAENAGNGAA....NLA...    65
NTDB id 1274 LPP RS09530 WP 011214168.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
consensus                                              * !!!!!!!!!!!!*!**!*!!!!!*!*!**!* ** *****   * *** * * **  *  *** **

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1     GFTR.................LGTVEDMGD..GKIVIAPTASGALGGTIKYTFDAGVV....SSSKIQL.ARDANGLWTC   133
NTDB id 1167 A1552VC RS11065 WP 000649326.1   GFTR.................LGTVEDMGD..GKIVIAPTASGALGGTIKYTFDAGVV....SSSKIQL.ARDANGLWTC   133
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    GFTR.................LGTVEDMGD..GKIVIAPTASGALGGTIKYTFDAGVV....SSSKIQL.ARDANGLWTC   133
NTDB id 1038 HON27 RS01510 WP 000993725.1     ..................LSDVGFTAATSSVCATYSIDAFTETDGAGKITCTL...KGNPKIATKIVELT.RSTDGAWTC   123
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ATKK..............EVPLGVAADANKL.GTIALK.PDPADCTADITLTFTMGGAGPKNKGKIITLTRTAADGLWKC   135
NTDB id 1191 AAC28468.1 484..945( )           ...AGNVIFDSANGLDGKYFAPGGVT.VTPDTGAINIAFDAGANAGKTMTITPTVIA.............ASGQISTWTC   135
NTDB id 1424 RS RS02795 WP 011000517.1        ...VGSSVFT...PTKN..VANLTIAGTGTVPGQITVTYT.TAAGGGTLALVPTA...A...GTALPVSSAPSGPIMWTC   138
NTDB id 1002 ACIAD RS15100 WP 004923779.1     SSCVGVQEISASNATTN..VATAT.CGASSAGQIIVTMDT.TKAKGANITLTPT................YASGAVTWKC   132
NTDB id 278711 C7A15 RS03745 WP 002116696.1  ...VGVPNFA...ATEN..VASIT...PDGTTGKIEILYT.DKAKGLTLTLTPYDGAEG...GTAIAAGTVPTNQITWVC   130
NTDB id 1274 LPP RS09530 WP 011214168.1       ...TGYVSPA...ATPN..VASI....AIGANGVITITYT.AAAGGGTIVMTPTL................QANGDVTWTC   120
NTDB id 1258 GCO85 RS09745 WP 014844212.1     ...TGYVSPA...ATPN..VQSI....AIGANGVITITYT.AAAGGGTIIMTPTL................QANGDVTWTC   120
consensus                                        *              *  **        * * *  *  ******* ****          *         *   !*!

   <0
   =4

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1     STTV................TSEIAPKGCTAGATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1   STTV................TSEIAPKGCTAGATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    STTV................TSEIAPKGCTAGATIN......   153
NTDB id 1038 HON27 RS01510 WP 000993725.1     VSDV................PTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1     TSDQ................DEQFIPKGCSK...........   150
NTDB id 1191 AAC28468.1 484..945( )           APGAAN............GIETRRLPTSCQ?...........   153
NTDB id 1424 RS RS02795 WP 011000517.1        YAQNKAQAASSVAPSGTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     TTTS................DKKYVPSECRG...........   147
NTDB id 278711 C7A15 RS03745 WP 002116696.1  TVDS................AANAKYVPSNCRGS..........   148
NTDB id 1274 LPP RS09530 WP 011214168.1       TGGT...............LLAKYRPASCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1     TGGT...............LLAKYRPASCRP...........   136
consensus                                     **                  **  !  !  *
```

X non conserved

X similar

X ≥ 50% conserved