```
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 334337 EPZ47 RS25295 WP 135847212.1  ........MNKQKGFTLIELLIVVAIIGILATFALPQYSKYQARAKATAGLAEISALKVPYEDAMNQ.GTDPSVAN....    67
NTDB id 1038 HON27 RS01510 WP 000993725.1     ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNE.GAVPTKLSD...    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 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVA.    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     ........GFT....RLGTV.......EDMGDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARD............    126
NTDB id 1167 A1552VC RS11065 WP 000649326.1   ........GFT....RLGTV.......EDMGDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARD............    126
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    ........GFT....RLGTV.......EDMGDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARD............    126
NTDB id 334337 EPZ47 RS25295 WP 135847212.1  .......MNITSPTS.NCTI.T.ITGTAAAGAGTIV..CTLT..........NAPAAVAGKTITLSRT............    113
NTDB id 1038 HON27 RS01510 WP 000993725.1     .......VGFTAATSSVCATYSIDAFTETDGAGKIT..CTLK..........GNPK.IATKIVELTRS............    116
NTDB id 1192 PAKAF RS23870 WP 024947914.1    ATKKEVPLGVAADANKLGTIAL.K.PDPADGTADITLTFTMG..........GAGPKNKGKIITLTRTA............    128
NTDB id 1197 PSJM300 03940 AFN76866.1         .....GYIGITDSTS.YCDVDL.D..TAADGH..IE.CTAKG..........GNAGKFDGKTITLNRT............    118
NTDB id 1204 PSJM300 03935 AFN76865.1         .....GFIGIGASTN.YCTVTL.I..ATATGS..IT.CTTQN..........GMPDRFNGKTITIART............    120
NTDB id 1191 AAC28468.1 484..945( )           .....GNVIFDS.............ANGLDGKYFAPGG.VTVTPDTGAINIAFDAGANAGKTMTITPTVIA.......AS    127
NTDB id 1424 RS RS02795 WP 011000517.1        .....GSSVF................TPTKN..VANLTIAGTGTVPGQITVTYT.TAAGGGTLALVPTAAGTALPVSSAP    130
NTDB id 1002 ACIAD RS15100 WP 004923779.1    SSCV.GVQEISA.............SNATTN..VATA..TCGASSAGQIIVTMDTTKAKGANITLTPT..........YA    124
NTDB id 1274 LPP RS09530 WP 011214168.1       V..........S.............PAATPN..VASI..AIGA..NGVITITY.TAAAGGGTIVMTPTL.........QA    112
NTDB id 1258 GCO85 RS09745 WP 014844212.1     V..........S.............PAATPN..VQSI..AIGA..NGVITITY.TAAAGGGTIIMTPTL.........QA    112
consensus                                                                   *   *    *      * *      *   *  * * **

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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1     .ANGLWTCSTT................VTSEIAPKGCTAGATIN......    153
NTDB id 1167 A1552VC RS11065 WP 000649326.1   .ANGLWTCSTT................VTSEIAPKGCTAGATIN......    153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    .ANGLWTCSTT................VTSEIAPKGCTAGATIN......    153
NTDB id 334337 EPZ47 RS25295 WP 135847212.1  .AAGAWTCGSN.................AAQEYLPAGCTGAAAAAG.....    141
NTDB id 1038 HON27 RS01510 WP 000993725.1     .TDGAWTCVSD................VPTEFLPKGCTAGTPTEGAITSL    149
NTDB id 1192 PAKAF RS23870 WP 024947914.1     .ADGLWKCTSD................QDEQFIPKGCSK...........    150
NTDB id 1197 PSJM300 03940 AFN76866.1         .ADGEWSCAST................LDAKYKPGKCS............    139
NTDB id 1204 PSJM300 03935 AFN76865.1         .TDGLWDCTSD................LDSRYKPGKCL............    141
NTDB id 1191 AAC28468.1 484..945( )           GQISTWTCAPGAAN............GIETRRLPTSCQ*...........    153
NTDB id 1424 RS RS02795 WP 011000517.1        SGPIMWTCYAQNKAQAASSVAPSGTMSLAAKYAPAECR............    168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     SGAVTWKCTTT................S.DKKYVPSECRG...........    147
NTDB id 1274 LPP RS09530 WP 011214168.1       NGDVTWTCTGG................TLLAKYRPASCRP...........    136
NTDB id 1258 GCO85 RS09745 WP 014844212.1     NGDVTWTCTGG................TLLAKYRPASCRP...........    136
consensus                                      * * !*!**                  *   * !  !
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X non conserved
X similar
X $\geq$ 50% conserved