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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     ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVN.EGAVPTKLSDV..    69
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALS.RGWSVKSGTGTED    71
NTDB id 364404 FEO94 RS16685 WP 072167642.1   ........MKNQKGFTLIELMIVVAIIAILAAIAIPAYQDYVVRSQAASALAEITPGKVGFEQATN.EGKTPSTTATD..    69
NTDB id 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAIN.EGKTPSLTSTD..    71
NTDB id 1204 PSJM300 03935 AFN76865.1         ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAIS.EGHTPSLVSSL..    73
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                                                **!!*!!!!!!!*!****!!!*!*!*!* !  ** *  **  **  !  *** *   *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1     .......GFTR.......LGTVED.....M..GDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARD..........    126
NTDB id 1167 A1552VC RS11065 WP 000649326.1   .......GFTR.......LGTVED.....M..GDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARD..........    126
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    .......GFTR.......LGTVED.....M..GDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARD..........    126
NTDB id 1038 HON27 RS01510 WP 000993725.1     ..........GFTAATSSVCATYSIDAFTETDGAGKI.TCTLKG............NPKIATKIVELTRS..........    116
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ATK..KEVPLGVAADANKLGTIALK.P.DPADGTADITLTFTMGG...........AGPKNKGKIITLTRT..........    127
NTDB id 364404 FEO94 RS16685 WP 072167642.1   ......AGFIGVAASTSY.CNVAVT.A.....T..TI.ACTTKNG...........NATKFNSKNITWTRD..........    113
NTDB id 1197 PSJM300 03940 AFN76866.1         ......EGYIGITDSTSY.CDVDLD.T..AADG..HI.ECTAKGG..........NAGKFDGKTITLNRT..........    118
NTDB id 1204 PSJM300 03935 AFN76865.1         ......PGFIGIGASTNY.CTVTLI.A..TATG..SI.TCTTQNG..........MPDRFNGKTITIART..........    120
NTDB id 1119 NGFG RS11465 WP 017147169.1      AS...........PPTD.IKGKYVK...EVEVKNGVVTATMLSSG...........VNNEIKGKKLSL..........WGR    118
NTDB id 1424 RS RS02795 WP 011000517.1        ....GSSVF...TPTKN.VANLTIA...GTGTVPGQITVTYT...............TAAGGGTLALVPTAAGTALPVSS    128
NTDB id 1002 ACIAD RS15100 WP 004923779.1     SSCVGVQEISASNATTN.VATA..T...CGASSAGQIIVTMDT..............TKAKGANITLTPT..........    122
NTDB id 1274 LPP RS09530 WP 011214168.1       V.........SPAATPN.VASI..A...IGA..NGVITITY.T..............AAAGGGTIVMTPTL.........    110
NTDB id 1258 GCO85 RS09745 WP 014844212.1     V.........SPAATPN.VQSI..A...IGA..NGVITITY.T..............AAAGGGTIIMTPTL.........    110
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 1038 HON27 RS01510 WP 000993725.1     ...TDGAWTCVSD..................VPTEFLPKGCTAGTPTEGAITSL    149
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ..AADGLWKCTSD..................QDEQFIPKGCSK...........    150
NTDB id 364404 FEO94 RS16685 WP 072167642.1   ..ANSGLWSCSTS..................LDAKYRPGQCGAAAAPTP.....    142
NTDB id 1197 PSJM300 03940 AFN76866.1         ...ADGEWSCAST..................LDAKYKPGKCS............    139
NTDB id 1204 PSJM300 03935 AFN76865.1         ...TDGLWDCTSD..................LDSRYKPGKCL............    141
NTDB id 1119 NGFG RS11465 WP 017147169.1      RENGSVKWFCGQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK.....    166
NTDB id 1424 RS RS02795 WP 011000517.1        APSGPIMWTCYAQNKAQAASSVA.PSGTMSLAAKYAPAECR.............    168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     YASGAVTWKCTTT..................S.DKKYVPSECRG..........    147
NTDB id 1274 LPP RS09530 WP 011214168.1       QANGDVTWTCTGG..................TLLAKYRPASCRP..........    136
NTDB id 1258 GCO85 RS09745 WP 014844212.1     QANGDVTWTCTGG..................TLLAKYRPASCRP..........    136
consensus                                        * * !*!**                     *  ** !  !
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X non conserved
X similar
X $\geq$ 50% conserved