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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        ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNE.GAVPTKLSDV..    69
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 1383 A4U84 RS08530 WP 005711781.1        MK.KIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDKKISECS...    76
NTDB id 1365 NTHI RS01955 WP 011271973.1         .M.KLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTNCT...    73
NTDB id 1354 HI 0299 AAC21963.1                  .M.KLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTSCT...    73
NTDB id 1119 NGFG RS11465 WP 017147169.1         .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTS...    70
NTDB id 1109 OK783 RS10670 WP 157147416.1        .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTS...    70
NTDB id 1191 AAC28468.1 484..945( )              ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1188 NELON RS01755 WP 003772458.1        .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF    73
NTDB id 1424 RS RS02795 WP 011000517.1           MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLS.......    73
NTDB id 1002 ACIAD RS15100 WP 004923779.1        ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTP....    68
NTDB id 1144749 LPM7613 RS08920 WP 016356941.1   .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPPTQA....    67
NTDB id 1258 GCO85 RS09745 WP 014844212.1        .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQA....    67
NTDB id 1274 LPP RS09530 WP 011214168.1          .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQA....    67
consensus                                                 ***!*!!!!!!!*!****!!**!*!*!**!* ** *****      ** *** *   *  * *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1        ................GF....TRLGTVE.........DMGDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARD..    126
NTDB id 1167 A1552VC RS11065 WP 000649326.1      ................GF....TRLGTVE.........DMGDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARD..    126
NTDB id 1160 ABDM36 RS02330 WP 000649326.1       ................GF....TRLGTVE.........DMGDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLARD..    126
NTDB id 1038 HON27 RS01510 WP 000993725.1        ................GFTAATSSVCATYSIDA..FTETDGAGKIT.CTLKG...........NPKIATKIVELTRS..    116
NTDB id 1192 PAKAF RS23870 WP 024947914.1        ATK........KEVPLGVAADANKLGTIALKP....DPADGTADITLTFTMGG..........AGPKNKGKIITLTRT..    127
NTDB id 1197 PSJM300 03940 AFN76866.1            .............GYIGITDSTS.YCDVDLD.....TAADGH..IE.CTAKGG..........NAGKFDGKTITLNRT..    118
NTDB id 1204 PSJM300 03935 AFN76865.1            .............GFIGIGASTN.YCTVTLI.....ATATGS..IT.CTTQNG..........MPDRFNGKTITIART..    120
NTDB id 1383 A4U84 RS08530 WP 005711781.1        .......SGKNGVR....ADKSDVPDAKYLKSIS.....VASGVITVAGKGN...............IDGYGYTMTP...    122
NTDB id 1365 NTHI RS01955 WP 011271973.1         .......GGKNGIA....ADITT..AKGYVKSVT.....TSNGAITVKGDGT...............LANMEYILQAT..    118
NTDB id 1354 HI 0299 AAC21963.1                  .......GGKNGIA....ADIKT..AKGYVASVI.....TQSGGITVKGNGT...............LANMEYILQAK..    118
NTDB id 1119 NGFG RS11465 WP 017147169.1         ................AGVASPPTDIKGKYVKEVE.....VKNGVVTATMLSS...G.......VNNEIKGKKLSLWG...    117
NTDB id 1109 OK783 RS10670 WP 157147416.1        ................AGVASA.STIKGKYVQKVE.....VAKGVVTAQMAST...G.......VNKEIQDKKLSLWA...    116
NTDB id 1191 AAC28468.1 484..945( )              NVIFDSANGLDGKYF...............APGGVTV.TPDTGAINIAFDAG..............ANAGKTMTITPTVI    124
NTDB id 1188 NELON RS01755 WP 003772458.1        NKTAAAGGGAGGAAAAGTQH.....ASKYVKSV..KVTEASPWDITVAISATEANG.......IPTGLDGNTIRLFPLVN    139
NTDB id 1424 RS RS02795 WP 011000517.1           .........VGSSVF.......T..PTKNVANLTIAGTGTVPGQITVTYT.T...............AAGGGTLALVPTAA    120
NTDB id 1002 ACIAD RS15100 WP 004923779.1        ....S....TAGSSCVGVQEISASNATTNVAT..ATCGASSAGQIIVTMDTT...............KAKGANITLTPT..    122
NTDB id 1144749 LPM7613 RS08920 WP 016356941.1   ....A....TG...YV......SPAATPNVQS..IAIG..ANGVITITY.TA...............SAGGGTIVMTPTL.    110
NTDB id 1258 GCO85 RS09745 WP 014844212.1        ....A....TG...YV......SPAATPNVQS..IAIG..ANGVITITY.TA...............AAGGGTIIMTPTL.    110
NTDB id 1274 LPP RS09530 WP 011214168.1          ....A....TG...YV......SPAATPNVAS..IAIG..ANGVITITY.TA...............AAGGGTIVMTPTL.    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 1197 PSJM300 03940 AFN76866.1            ...........ADGEWSCAST...................LDAKYKPGKCS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1            ...........TDGLWDCTSD...................LDSRYKPGKCL............   141
NTDB id 1383 A4U84 RS08530 WP 005711781.1        .......KFANNNITWATSCQGA...DISL..........FPANFCGQKATP...........   154
NTDB id 1365 NTHI RS01955 WP 011271973.1         .......GNAATGVTWTTTCKGT...DASL..........FPANFCGSVTQ............   149
NTDB id 1354 HI 0299 AAC21963.1                  .......GNAAAGVTWTTTCKGT...DASL..........FPANFCGSVTK............   149
NTDB id 1119 NGFG RS11465 WP 017147169.1         .......RRENGSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1109 OK783 RS10670 WP 157147416.1        .......KRQDGSVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1191 AAC28468.1 484..945( )              A.......ASGQISTWTCAPGAANG...............IETRRLPTSCQ*...........   153
NTDB id 1188 NELON RS01755 WP 003772458.1        K.AVP.AATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK............   188
NTDB id 1424 RS RS02795 WP 011000517.1           GTALPVSSAPSGPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1        ........YASGAVTWKCTTT...................S.DKKYVPSECRG...........   147
NTDB id 1144749 LPM7613 RS08920 WP 016356941.1   ........QANGDVTWTCTGG...................TLLAKYRPASCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1        ........QANGDVTWTCTGG...................TLLAKYRPASCRP...........   136
NTDB id 1274 LPP RS09530 WP 011214168.1          ........QANGDVTWTCTGG...................TLLAKYRPASCRP...........   136
consensus                                                  *  *  !***                     *  **  *   *
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X non conserved

X similar

X ≥ 50% conserved