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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 1109 OK783 RS10670 WP 157147416.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV    73
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV    73
NTDB id 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINEGKTPSLTSTDEGY    74
NTDB id 119363 CH92 RS16670 WP 025242902.1    ......MKAQMQKGFTLIELMIVVAIIGILAAVALPAYQDYTVRAKVSEGMIAASALKIGVTDVFADNGIAGVAAYSTEI    74
NTDB id 1188 NELON RS01755 WP 003772458.1     .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF    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 GC085 RS09745 WP 014844212.1     ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY    71
consensus                                                !!!!!!!!!!!!*!**!*!!!*!*!*!**!* ** *****  *   ** ***     *  *      *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1     GFTRL..G......TVEDMGDGKIVIAP..TASGALGGTIKYTFDAG.......VVSSSKIQ.............LARDA   127
NTDB id 1167 A1552VC RS11065 WP 000649326.1   GFTRL..G......TVEDMGDGKIVIAP..TASGALGGTIKYTFDAG.......VVSSSKIQ.............LARDA   127
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    GFTRL..G......TVEDMGDGKIVIAP..TASGALGGTIKYTFDAG.......VVSSSKIQ.............LARDA   127
NTDB id 1109 OK783 RS10670 WP 157147416.1     A.............SA.STIKGKYVQKV.....EVAKGVVTAQMA...STGVNKEIQDKKLSLWA..........KRQDG   121
NTDB id 1119 NGFG RS11465 WP 017147169.1      A.............SPPTDIKGKYVKEV.....EVKNGVVTATML...SSGVNNEIKGKKLSLWG..........RRENG   122
NTDB id 1191 AAC28468.1 484..945( )           NVIFDSANGL..........DGKYFAPGG.VTVTPDTGAINIAFDAG.......ANAGKTMTITPTVIA.......ASGQ   129
NTDB id 1197 PSJM300 03940 AFN76866.1         I..........GI.....TDSTSYC.DV..DLDTAADGHIECT....AKGGNAGKFDGKTITL.............NRTA   119
NTDB id 119363 CH92 RS16670 WP 025242902.1    AAD..............QDNLTTDLISA..VAVSATTGAISIT.....MAGIPQLGTNNVLAFVPEINDAAIA.NDNSTG   132
NTDB id 1188 NELON RS01755 WP 003772458.1     NKTAAAGGGAGGAAAAGTQHASKYVKSV..KVTEASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATSTG   149
NTDB id 1424 RS RS02795 WP 011000517.1        ...........GSSVF...TPTKNVANLTIAGTGTVPGQITVTYT.T.......AAGGGTLALVPTAAGTALPVSSAPSG   132
NTDB id 1002 ACIAD RS15100 WP 004923779.1     S.......SCVGVQEISASNATTNVATA..TCGASSAGQIIVTMDTT.......KAKGANITLTPT..........YASG   126
NTDB id 1274 LPP RS09530 WP 011214168.1       V................SPAATPNVASI..AIGA..NGVITITY.TA.......AAGGGTIVMTPTL.........QANG   114
NTDB id 1258 GC085 RS09745 WP 014844212.1     V................SPAATPNVQSI..AIGA..NGVITITY.TA.......AAGGGTIIMTPTL.........QANG   114
consensus                                                     * *          * *  *             *  * *                 *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1     NGLWTCSTTV....................TSEIAPKGCTAGATIN.   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1   NGLWTCSTTV....................TSEIAPKGCTAGATIN.   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    NGLWTCSTTV....................TSEIAPKGCTAGATIN.   153
NTDB id 1109 OK783 RS10670 WP 157147416.1     SVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT.   164
NTDB id 1119 NGFG RS11465 WP 017147169.1      SVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK   166
NTDB id 1191 AAC28468.1 484..945( )           ISTWTCAPGAAN................GIETRRLPTSCQ*......   153
NTDB id 1197 PSJM300 03940 AFN76866.1         DGEWSCAS....................TLDAKYKPGKCS.......   139
NTDB id 119363 CH92 RS16670 WP 025242902.1    SITWDCSSAT..................TTIDSKFLPANCR.......   155
NTDB id 1188 NELON RS01755 WP 003772458.1     AIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.......   188
NTDB id 1424 RS RS02795 WP 011000517.1        PIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAECR.......   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     AVTWKCTTT...................S.DKKYVPSECRG......   147
NTDB id 1274 LPP RS09530 WP 011214168.1       DVTWTCTGG...................TLLAKYRPASCRP......   136
NTDB id 1258 GC085 RS09745 WP 014844212.1     DVTWTCTGG...................TLLAKYRPASCRP......   136
consensus                                      * !*!                      *  *  !  !*
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X non conserved
X similar
X $\geq$ 50% conserved