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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1197 PSJM300 03940 AFN76866.1        ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGF.EQAINEGKTPSLTSTDEGYIG..    76
NTDB id 1038 HON27 RS01510 WP 000993725.1    ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGY.ENAVNEGAVPTKLS.DVGFTA..    73
NTDB id 1191 AAC28468.1 484..945( )          ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAGATEGFKATAGLQTDLGAWRADRGSFPNAAA.LVAGNVIF    78
NTDB id 1109 OK783 RS10670 WP 157147416.1    .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNT.SAGVA...    74
NTDB id 1119 NGFG RS11465 WP 017147169.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNT.SAGVA...    74
NTDB id 299789 XapA RS18335 WP 033480656.1   .........MKVRGFTLIELMIVVAIIAILAAIALPAYQDYLVRAQVAEGLSLASGAKVAVEEFHWAQSVSPTSNA.QAGLG...    72
NTDB id 1188 NELON RS01755 WP 003772458.1    .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAA.AKAFNKTA    77
NTDB id 1424 RS RS02795 WP 011000517.1       MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV...........    74
NTDB id 1002 ACIAD RS15100 WP 004923779.1    ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTP.STAGS...    73
NTDB id 1274 LPP RS09530 WP 011214168.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQA.ATGYV...    72
NTDB id 1258 GCO85 RS09745 WP 014844212.1    .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQA.ATGYV...    72
consensus                                                 **!!!!!!!!!!*!!**!!!!*!*!*!**!*************   ******  ** *  *        *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1197 PSJM300 03940 AFN76866.1        ...........ITDST...SYCDV..DLDTAADGHIECTAKG....GNAGKFDGKTITLNRT.............ADGEWSCAST    128
NTDB id 1038 HON27 RS01510 WP 000993725.1    ...........ATSSVCATYSIDA..FTETDGAGKITCTLKG....N..PKIATKIVELTRS.............TDGAWTCVSD    126
NTDB id 1191 AAC28468.1 484..945( )          DSA..........NGLDGKYFAPGGVTVT.PDTGAINIAFDAG.......ANAGKTMTITPTVIA.......ASGQISTWTCAPG    138
NTDB id 1109 OK783 RS10670 WP 157147416.1    ..........SA.STIKGKYVQKVE.....VAKGVVTAQMAST...GVNKEIQDKKLSLWAK..........RQDGSVKWFCGQP    130
NTDB id 1119 NGFG RS11465 WP 017147169.1     ..........SPPTDIKGKYVKEVE.....VKNGVVTATMLSS...GVNNEIKGKKLSLWGR..........RENGSVKWFCGQP    131
NTDB id 299789 XapA RS18335 WP 033480656.1   .......SA....DSIKGRYVSSVT....VGADGIITVAFATL...GANESIRGSQLQLVPDW.........SGAGSTVWRCDGA    130
NTDB id 1188 NELON RS01755 WP 003772458.1    AAGGGAGGAAAAGTQHASKYVKSV..KVTEASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATSTGAIDWACASA    158
NTDB id 1424 RS RS02795 WP 011000517.1       .......GSSVF...TPTKNVANLTIAGTGTVPGQITVTYT.T.......AAGGGTLALVPTAAGTALPVSSAPSGPIMWTCYAQ    141
NTDB id 1002 ACIAD RS15100 WP 004923779.1    ....SCVGVQEISASNATTNVATA..TCGASSAGQIIVTMDTT.......KAKGANITLTPT..........YASGAVTWKCTTT    135
NTDB id 1274 LPP RS09530 WP 011214168.1      ............SPAATPNVASI..AIGA..NGVITITY.TA.......AAGGGTIVMTPTL.........QANGDVTWTCTGG    123
NTDB id 1258 GCO85 RS09745 WP 014844212.1    ............SPAATPNVQSI..AIGA..NGVITITY.TA.......AAGGGTIIMTPTL.........QANGDVTWTCTGG    123
consensus                                                *    ***  *         * ****  *          * ** * **            * * !*!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1197 PSJM300 03940 AFN76866.1        ....................LDAKYKPGKCS............    139
NTDB id 1038 HON27 RS01510 WP 000993725.1    ....................VPTEFLPKGCTAGTPTEGAITSL    149
NTDB id 1191 AAC28468.1 484..945( )          A................ANGIETRRLPTSCQ*...........    153
NTDB id 1109 OK783 RS10670 WP 157147416.1    VTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT......    164
NTDB id 1119 NGFG RS11465 WP 017147169.1     VTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....    166
NTDB id 299789 XapA RS18335 WP 033480656.1   G................TTLQAKYLPKACR............    144
NTDB id 1188 NELON RS01755 WP 003772458.1    AKETADKRFGTGSGVAVGTLPAKYAPSECK............    188
NTDB id 1424 RS RS02795 WP 011000517.1       NKAQAASSVAPS...GTMSLAAKYAPAECR............    168
NTDB id 1002 ACIAD RS15100 WP 004923779.1    ....................S.DKKYVPSECRG...........    147
NTDB id 1274 LPP RS09530 WP 011214168.1      ....................TLLAKYRPASCRP...........    136
NTDB id 1258 GCO85 RS09745 WP 014844212.1    ....................TLLAKYRPASCRP...........    136
consensus                                                         ** ****!   !*
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X non conserved

X similar

X ≥ 50% conserved