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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1365 NTHI RS01955 WP 011271973.1     ..MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTNCT.....    73
NTDB id 1191 AAC28468.1 484..945( )          ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 400320 GJV52 RS07695 WP 100564486.1 .......MKAIQKGFTLIELMIVIAIIGILAVIALPAYQDYTGRAQVSEAIGLMEGQKSAVVEYYADKGKWPTKNEDA..    71
NTDB id 1119 NGFG RS11465 WP 017147169.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSA..    71
NTDB id 1109 OK783 RS10670 WP 157147416.1    .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSA..    71
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 1258 GCO85 RS09745 WP 014844212.1    .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY    71
NTDB id 1274 LPP RS09530 WP 011214168.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY    71
NTDB id 1079 FDQ49 RS11140 WP 022575996.1    ........MNAQKGFTLIELMIVVAIIGILAAIAIPAYQNYIAKSQASEAFTLADGLKTTINTNLQAGTCFAGGATAVT.    71
NTDB id 1038 HON27 RS01510 WP 000993725.1    ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGAVPTKLSD....    68
NTDB id 1197 PSJM300 03940 AFN76866.1        ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINEGKTPSLTSTD...    71
NTDB id 1192 PAKAF RS23870 WP 024947914.1    ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGWSVKSGTGTED.    71
consensus                                              **!!!!!!!!!!!*!!**!!!**!*!*!**!* ** *****  *   **** *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1365 NTHI RS01955 WP 011271973.1     .......GGKNGIAAD.ITTAKGYVKSV.....TTSNGAITVKGDGTL........ANMEYILQA.........TGNAAT   123
NTDB id 1191 AAC28468.1 484..945( )          N..........VIFDSANGLDGKYFAPGGVTV.TPDTGAINIA..F..DAGAN...AGKTMTITPTVI.......AASGQ   129
NTDB id 400320 GJV52 RS07695 WP 100564486.1 ...........GIADA.TAITGKYTAKVTVEG...KDGVITAT..M.KSAGVNKDVKGKTVILVP..........KQEAG   123
NTDB id 1119 NGFG RS11465 WP 017147169.1     ...........GVASPPTDIKGKYVKEV..EV...KNGVVTAT..M.LSSGVNNEIKGKKLSLWG..........RRENG   122
NTDB id 1109 OK783 RS10670 WP 157147416.1    ...........GVASA.STIKGKYVQKV..EV...AKGVVTAQ..M.ASTGVNKEIQDKKLSLWA..........KRQDG   121
NTDB id 1188 NELON RS01755 WP 003772458.1    NKTAAAGGGAGGAAAAGTQHASKYVKSV..KVTEASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATSTG   149
NTDB id 1424 RS RS02795 WP 011000517.1       ...........GSSVF...TPTKNVANLTIAGTGTVPGQITVTYTT.A.......AGGGTLALVPTAAGTALPVSSAPSG   132
NTDB id 1002 ACIAD RS15100 WP 004923779.1    S.......SCVGVQEISASNATTNVAT..ATCGASSAGQIIVTMDTTK.......AKGANITLTP..........TYASG   126
NTDB id 1258 GCO85 RS09745 WP 014844212.1    V................SPAATPNVQS..IAIG..ANGVITITYTA.A.......AGGGTIIMTPT.........LQANG   114
NTDB id 1274 LPP RS09530 WP 011214168.1      V................SPAATPNVAS..IAIG..ANGVITITYTA.A.......AGGGTIVMTPT.........LQANG   114
NTDB id 1079 FDQ49 RS11140 WP 022575996.1    ...AADK........V....SGKYGDAE.I...GGTAPNCTITYTFKS.SGVSNKLTSTKIVMNV.............SE   118
NTDB id 1038 HON27 RS01510 WP 000993725.1    ..........VGFTAA....TSSVCATYSIDAFTETDGAGKI.TCTLK...GNPKIATKIVELTR.............ST   117
NTDB id 1197 PSJM300 03940 AFN76866.1        .......EGYIGITDS.....TSYCDVD.LD..TAADGHI...ECTAK.GGNAGKFDGKTITLNR.............TA   119
NTDB id 1192 PAKAF RS23870 WP 024947914.1    ...ATKKEVPLGVAAD....ANKLGTIA.LKP.DPADGTADITLTFTM.GGAGPKNKGKIITLTR............TAA   129
consensus                                              **         ***    *        * ****       *      *  * *                *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1365 NTHI RS01955 WP 011271973.1     GVTWTTTCK..................GTDASLFPANFCGSVTQ.......   149
NTDB id 1191 AAC28468.1 484..945( )          ISTWTCAPGA................ANGIETRRLPTSCQ*...........   153
NTDB id 400320 GJV52 RS07695 WP 100564486.1  SFSWTCKSGA................KDGLPAKFLPSSCR............   147
NTDB id 1119 NGFG RS11465 WP 017147169.1     SVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1109 OK783 RS10670 WP 157147416.1    SVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT......   164
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 1258 GC085 RS09745 WP 014844212.1    DVTWTCTGG..................TLLAKYRPASCRP...........   136
NTDB id 1274 LPP RS09530 WP 011214168.1      DVTWTCTGG..................TLLAKYRPASCRP...........   136
NTDB id 1079 FDQ49 RS11140 WP 022575996.1    TGILTKNSGT.................DTPVELLPQSFVAS..........   142
NTDB id 1038 H0N27 RS01510 WP 000993725.1    DGAWTC..VS.................DVPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1197 PSJM300 03940 AFN76866.1        DGEWSC..AS.................TLDAKYKPGKCS............   139
NTDB id 1192 PAKAF RS23870 WP 024947914.1    DGLWKC..TS.................DQDEQFIPKGCSK...........   150
consensus                                     *  ***                       *   ***!   **
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X non conserved

X similar

X $\geq$ 50% conserved