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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1365 NTHI RS01955 WP 011271973.1   ..MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTNCTG.........   74
NTDB id 1109 OK783 RS10670 WP 157147416.1  .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSA.......   71
NTDB id 1119 NGFG RS11465 WP 017147169.1   .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSA.......   71
NTDB id 1292 VP RS12235 WP 005479693.1     ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENGIAAAATLAQL......   76
NTDB id 1191 AAC28468.1 484..945( )        ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAGNVIFD   79
NTDB id 26165 ABO RS14630 WP 011587900.1   ......MKKQMQQGFTLIELMIVVAIIGILAAVALPAYQDYTTRAKMSEVIGFAASAKTAVTECIQNDNATAGCNSNSA......   73
NTDB id 1197 PSJM300 03940 AFN76866.1      ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAI.NEGKTPSLTSTDEGYI...   75
NTDB id 1188 NELON RS01755 WP 003772458.1  .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMT.AAAKAFNKTA   77
NTDB id 1424 RS RS02795 WP 011000517.1     MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV...........   74
NTDB id 1002 ACIAD RS15100 WP 004923779.1  ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAG.TPSTAGS...   73
NTDB id 1258 GC085 RS09745 WP 014844212.1  .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPAT.QAATGYV...   72
NTDB id 1274 LPP RS09530 WP 011214168.1    .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPAT.QAATGYV...   72
consensus                                                 ***!!!!!!!!!!*!!***!!**!*!*!**!* ** *****  *   ******     *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1365 NTHI RS01955 WP 011271973.1   ....GKNGIAAD.ITTAKGYVKSVT.....TSNGAITVKGDGTL........ANMEYILQA.........TGNAATGVTWTTTCK   132
NTDB id 1109 OK783 RS10670 WP 157147416.1  .......GVASA.STIKGKYVQKVEVA.....KGVVTAQMA...STGVNKEIQDKKLSLWA..........KRQDGSVKWFCGQP   130
NTDB id 1119 NGFG RS11465 WP 017147169.1   .......GVASPPTDIKGKYVKEVEVK.....NGVVTATML...SSGVNNEIKGKKLSLWG..........RRENGSVKWFCGQP   131
NTDB id 1292 VP RS12235 WP 005479693.1     .......GVDVA.....ANDLGAIDSAL...AGGSPTLTFTFDA....DSSIDGGILTF.............TRDAATGWSCLPT   129
NTDB id 1191 AAC28468.1 484..945( )        ....SANG.......LDGKYFAPGGVTV.TPDTGAINIAFDAGA......NAGKTMTITPTVI.......AASGQISTWTCAPG   138
NTDB id 26165 ABO RS14630 WP 011587900.1   ......VGMDEA.ENITSTYVESVT....VGADGQVVVAIQGTN....DDTLDAASISLTP.........SLSSGGGVSWSCAPS   134
NTDB id 1197 PSJM300 03940 AFN76866.1      .......G.....ITDSTSYCD...VDLDTAADGHIEC....TAKGGNAGKFDGKTITLN.............RTADGEWSCAS.   127
NTDB id 1188 NELON RS01755 WP 003772458.1  AAGGGAGGAAAAGTQHASKYVKSV..KVTEASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATSTGAIDWACASA   158
NTDB id 1424 RS RS02795 WP 011000517.1     .......GSSVF...TPTKNVANLTIAGTGTVPGQITVTYTT.A.......AGGGTLALVPTAAGTALPVSSAPSGPIMWTCYAQ   141
NTDB id 1002 ACIAD RS15100 WP 004923779.1  ....SCVGVQEISASNATTNVAT..ATCGASSAGQIIVTMDTTK.......AKGANITLTP..........TYASGAVTWKCTTT   135
NTDB id 1258 GC085 RS09745 WP 014844212.1  .............SPAATPNVQS..IAIG..ANGVITITYTA.A.......AGGGTIIMTPT.........LQANGDVTWTCTGG   123
NTDB id 1274 LPP RS09530 WP 011214168.1    .............SPAATPNVAS..IAIG..ANGVITITYTA.A.......AGGGTIVMTPT.........LQANGDVTWTCTGG   123
consensus                                        *          * **  * *        * ***               * **** *               * * !**
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1365 NTHI RS01955 WP 011271973.1   GT...................DASLFPANFCGSVTQ...   149
NTDB id 1109 OK783 RS10670 WP 157147416.1  VTRTGDNDDTVA..DANNATDTKHLPST.CRDESSAT.   164
NTDB id 1119 NGFG RS11465 WP 017147169.1   VTRADDDTVADA..KDGKEIDTKHLPST.CRDKASDAK   166
NTDB id 1292 VP RS12235 WP 005479693.1     APAIAVDGCS..........................   139
NTDB id 1191 AAC28468.1 484..945( )        AAN...............GIETRRLPTS.CQ*......   153
NTDB id 26165 ABO RS14630 WP 011587900.1   A..................TSINKFLPAS.CRS......   148
NTDB id 1197 PSJM300 03940 AFN76866.1      ..................TLDAKYKPGK.CS.......   139
NTDB id 1188 NELON RS01755 WP 003772458.1  AKETADKRFGTGSGVAVGTLPAKYAPSE.CK.......   188
NTDB id 1424 RS RS02795 WP 011000517.1     NKAQAASSVAPS...GTMSLAAKYAPAE.CR.......   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1  ..................S.DKKYVPSE.CRG......   147
NTDB id 1258 GC085 RS09745 WP 014844212.1  ..................TLLAKYRPAS.CRP......   136
NTDB id 1274 LPP RS09530 WP 011214168.1    ..................TLLAKYRPAS.CRP......   136
consensus                                                     **  **  *   **
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X non conserved
X similar
X $\geq$50% conserved