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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      .MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAAGF    79
NTDB id 1167 A1552VC RS11065 WP 000649326.1    .MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAAGF    79
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     .MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAAGF    79
NTDB id 1292 VP RS12235 WP 005479693.1         .MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENG.IAAAA.......    71
NTDB id 1038 HON27 RS01510 WP 000993725.1      ......MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGA.VPTKLSDV....    69
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ......MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGW.SVKSGTGTEDAT    73
NTDB id 1197 PSJM300 03940 AFN76866.1          ....MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINEGK.TPSLTSTDE...    72
NTDB id 1204 PSJM300 03935 AFN76865.1          ..MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISEGH.TPSLVSSLP...    74
NTDB id 1365 NTHI RS01955 WP 011271973.1       MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETT..........    70
NTDB id 1354 HI 0299 AAC21963.1                MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETT..........    70
NTDB id 1191 AAC28468.1 484..945( )            ....MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAGNV    76
NTDB id 1188 NELON RS01755 WP 003772458.1      .....MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAFNK    75
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ......MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTA...    71
NTDB id 1274 LPP RS09530 WP 011214168.1        .......MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATG...    70
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .......MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATG...    70
NTDB id 1109 OK783 RS10670 WP 157147416.1      .....MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAG...    72
NTDB id 1119 NGFG RS11465 WP 017147169.1       .....MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAG...    72
NTDB id 1006990 ABLB95 RS13135 WP 348908896.1 ......MNTQKGFTLIELMIVVAIIGILAAIAIPAYQDYIARSQMSEAMTLASGQKGAVAEVYSQDGSCPTNGTNGI...    71
NTDB id 1079 FDQ49 RS11140 WP 022575996.1      ......MNAQKGFTLIELMIVVAIIGILAAIAIPAYQNYIAKSQASEAFTLADGLKTTINT.NLQAGTCFAGGATAV...    70
consensus                                                **!!*!!!!!!!*!****!!**!*!*!**!* ** *****      ** *** *   *  *      *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      T........R...LGTVEDMG.DGKIVIAPTASGALGG..TIKYTFD...A....GVVSSSKIQL.........A.RD.A   127
NTDB id 1167 A1552VC RS11065 WP 000649326.1    T........R...LGTVEDMG.DGKIVIAPTASGALGG..TIKYTFD...A....GVVSSSKIQL.........A.RD.A   127
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     T........R...LGTVEDMG.DGKIVIAPTASGALGG..TIKYTFD...A....GVVSSSKIQL.........A.RD.A   127
NTDB id 1292 VP RS12235 WP 005479693.1         .........TLAQLGVDVAANDLGAIDSA.....LAGGSPTLTFTF......DADSSIDGGILTF.........T.RD.A   120
NTDB id 1038 HON27 RS01510 WP 000993725.1      ..............GFTAATSSVCATYSIDAF.TETDGAGKIT.CTL...KG..NPKIATKIVEL.........T.RS.T   117
NTDB id 1192 PAKAF RS23870 WP 024947914.1      K........KEVPLGVAADANKLGTIALKP...DPADGTADITLTFT...MGGAGPKNKGKIITL.........T.RTAA   129
NTDB id 1197 PSJM300 03940 AFN76866.1          ...........GYIGITDSTS.YCDVDLD....TAADGH..IE.CTA...KGGNAGKFDGKTITL.........N.RT.A   119
NTDB id 1204 PSJM300 03935 AFN76865.1          ...........GFIGIGASTN.YCTVTLI....ATATGS..IT.CTT...QNGMPDRFNGKTITI.........A.RT.T   121
NTDB id 1365 NTHI RS01955 WP 011271973.1       ..NCTGGKNGIA......ADITTAKGYVKSVTTSN....GAITVKGDGT........LANMEYIL.......QATGNAAT   123
NTDB id 1354 HI 0299 AAC21963.1                ..SCTGGKNGIA......ADIKTAKGYVASVITQS....GGITVKGNGT........LANMEYIL.......QAKGNAAA   123
NTDB id 1191 AAC28468.1 484..945( )            ...............IFDSANGLDGKYFAPGGVTVTPDTGAINIAFDAGA.......NAGKTMTITPTV.....IAASGQ   129
NTDB id 1188 NELON RS01755 WP 003772458.1      TAAAGGGAGGAAAAGTQHA.....SKYVKSVKVTEASP.WDITVAISATEANGIPTGLDGNTIRLFPLVNKAVPAATSTG   149
NTDB id 1002 ACIAD RS15100 WP 004923779.1      .........GSSCVGVQEISASNATTNVATATCGASSA.GQIIVTMDTT.......KAKGANITL.......TPT.YASG   126
NTDB id 1274 LPP RS09530 WP 011214168.1        .........YV.........SPAATPNVASIAIGA..N.GVITITY.TA.......AAGGGTIVM.......TPTLQANG   114
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .........YV.........SPAATPNVQSIAIGA..N.GVITITY.TA.......AAGGGTIIM.......TPTLQANG   114
NTDB id 1109 OK783 RS10670 WP 157147416.1      ...............VASA.STIKGKYVQKVEVAK....GVVTAQMA...STGVNKEIQDKKLSL.......W.AKRQDG   121
NTDB id 1119 NGFG RS11465 WP 017147169.1       ...............VASPPTDIKGKYVKEVEVKN....GVVTATML...SSGVNNEIKGKKLSL.......W.GRRENG   122
NTDB id 1006990 ABLB95 RS13135 WP 348908896.1 ................AAATSITGTYVSKVETAGTAPACTITATMK...SSGVSSGIANKTLTL.......TMGGGTTG   124
NTDB id 1079 FDQ49 RS11140 WP 022575996.1      ................TAADKVSGKYG.DAEIGGTAPNCTITYTFK...SSGVSNKLTSTKIVM.......NVSE..TG   120
consensus                                                  *        *   *     *     * ** *            * *  * *           *  *
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logo
                                                   NGLWTCSTTVT...................SEIAPKGCTAGATIN......   153
NTDB id 1184 GTF74 RS02335 WP 000649326.1          NGLWTCSTTVT...................SEIAPKGCTAGATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1        NGLWTCSTTVT...................SEIAPKGCTAGATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1         NGLWTCSTTVT...................SEIAPKGCTAGATIN......   153
NTDB id 1292 VP RS12235 WP 005479693.1             ATGWSCLPTAP...................AIA.VDGCS............   139
NTDB id 1038 HON27 RS01510 WP 000993725.1          DGAWTCVSDVP...................TEFLPKGCTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1          DGLWKCTSDQD...................EQFIPKGCSK...........   150
NTDB id 1197 PSJM300 03940 AFN76866.1              DGEWSCASTLD...................AKYKPGKCS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1              DGLWDCTSDLD...................SRYKPGKCL............   141
NTDB id 1365 NTHI RS01955 WP 011271973.1           GVTWTTTCKGT...................DASLFPANFCGSVTQ.......   149
NTDB id 1354 HI 0299 AAC21963.1                    GVTWTTTCKGT...................DASLFPANFCGSVTK.......   149
NTDB id 1191 AAC28468.1 484..945( )                ISTWTCAPGAA................NGIETRRLPTSCQ*...........   153
NTDB id 1188 NELON RS01755 WP 003772458.1          AIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK............   188
NTDB id 1002 ACIAD RS15100 WP 004923779.1          AVTWKCTT......................TS.DKKYVPSECRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1            DVTWTCTG......................GTLLAKYRPASCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1          DVTWTCTG......................GTLLAKYRPASCRP...........   136
NTDB id 1109 OK783 RS10670 WP 157147416.1          SVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1           SVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1006990 ABLB95 RS13135 WP 348908896.1     SNTWTCSSTAA...................QKYLPKACTGSGS........   148
NTDB id 1079 FDQ49 RS11140 WP 022575996.1          ILTKNSGTDTP...................VELLPQSFVAS..........   142
consensus                                             *****                        *   *   *
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X non conserved

X similar

X ≥ 50% conserved