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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 1038 HON27 RS01510 WP 000993725.1      ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVN.EGAVPTKL.SD.V    69
NTDB id 1197 PSJM300 03940 AFN76866.1          ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAIN.EGKTPSLT.STDE    72
NTDB id 1204 PSJM300 03935 AFN76865.1          ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAIS.EGHTPSLV.SSLP    74
NTDB id 1191 AAC28468.1 484..945( )            ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVA.    73
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      ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPS...    69
NTDB id 1038819 ACCP85 RS16250 WP 039587436.1  ........MKKQQGFTLIELMIVVAIIAILAAIALPAYQDYTVRGRVSEAMVAASAAKTVVAENA.....ANGVALN...    64
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
NTDB id 1274 LPP RS09530 WP 011214168.1        .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
consensus                                                **!!*!!!!!!!*!****!!!!!*!*!**!***  *  **   *  ** * *     *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      GFTRLGTVEDMGD..........GKIVIAPTASGALGGTIKYTFD.........AGVVSSSKIQLARDANG.........    129
NTDB id 1167 A1552VC RS11065 WP 000649326.1    GFTRLGTVEDMGD..........GKIVIAPTASGALGGTIKYTFD.........AGVVSSSKIQLARDANG.........    129
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     GFTRLGTVEDMGD..........GKIVIAPTASGALGGTIKYTFD.........AGVVSSSKIQLARDANG.........    129
NTDB id 1038 HON27 RS01510 WP 000993725.1      GFTAATS..SVCA..........TYSI.DAFTETDGAGKITCTLKGN........PKIATKIVELTRSTDG.........    119
NTDB id 1197 PSJM300 03940 AFN76866.1          GYIGITDSTSYCD................VDLDTAADGHIECTAKGG......NAGKFDGKTITLNRTADG.........    121
NTDB id 1204 PSJM300 03935 AFN76865.1          GFIGIGASTNYCT................VTLIATATGSITCTTQNG......MPDRFNGKTITIARTTDG.........    123
NTDB id 1191 AAC28468.1 484..945( )            ........G.....NVIFDSAN......GLDGKYFAPGGVTVTPDTGAINIAFDAGANAGKTMTITPTVIA.......AS    127
NTDB id 1188 NELON RS01755 WP 003772458.1      ..NKTAAAGGGAGGAAAAGTQHASKYVKSVKVTEASPWDITVAISATEANG..IPTGLDGNTIRLFPLVNKA..VPAATS    147
NTDB id 1424 RS RS02795 WP 011000517.1         ........GSS.....VFTPTKNVANLTI.AGTGTVPGQITV.TYTT.........AAGGGTLALVPTAAGTALPVSSAP    130
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ......TAGSSCVGVQEISASNATTNVATATCGASSAGQIIVTMDTT.........KAKGANITLTP..........TYA    124
NTDB id 1038819 ACCP85 RS16250 WP 039587436.1  ......S.G........WTAPTATNNVTSVAVDAG.SGNITV.TTTA.........KAGGGTIIFAPTAGGAALVSGTVP    118
NTDB id 1258 GCO85 RS09745 WP 014844212.1      ......T.G........YVSPAATPNVQSIAIGA..NGVITI.TYTA.........AAGGGTIIMTPTLQ.........A    112
NTDB id 1274 LPP RS09530 WP 011214168.1        ......T.G........YVSPAATPNVASIAIGA..NGVITI.TYTA.........AAGGGTIVMTPTLQ.........A    112
consensus                                        *                    *      *   * ** *                 * ** *  *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      ....LWTCSTT....................VTSEIAPKGCTAGATIN......    153
NTDB id 1167 A1552VC RS11065 WP 000649326.1    ....LWTCSTT....................VTSEIAPKGCTAGATIN......    153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     ....LWTCSTT....................VTSEIAPKGCTAGATIN......    153
NTDB id 1038 HON27 RS01510 WP 000993725.1      ....AWTCVSD....................VPTEFLPKGCTAGTPTEGAITSL    149
NTDB id 1197 PSJM300 03940 AFN76866.1          ....EWSCAST....................LDAKYKPGKCS............    139
NTDB id 1204 PSJM300 03935 AFN76865.1          ....LWDCTSD....................LDSRYKPGKCL............    141
NTDB id 1191 AAC28468.1 484..945( )            GQISTWTCAPGAANGI...............ETRRLPTSCQ*...........    153
NTDB id 1188 NELON RS01755 WP 003772458.1      TGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK...........    188
NTDB id 1424 RS RS02795 WP 011000517.1         SGPIMWTCYAQNKAQAASSVAP...SGTMSLAAKYAPAECR...........    168
NTDB id 1002 ACIAD RS15100 WP 004923779.1      SGAVTWKCTTT....................SDKKYVPSECRG...........    147
NTDB id 1038819 ACCP85 RS16250 WP 039587436.1  TDRISWTCTGG...................TLIAKYRPAECRT...........    142
NTDB id 1258 GCO85 RS09745 WP 014844212.1      NGDVTWTCTGG...................TLLAKYRPASCRP...........    136
NTDB id 1274 LPP RS09530 WP 011214168.1        NGDVTWTCTGG...................TLLAKYRPASCRP...........    136
consensus                                           !*!**                     *  ** !  !
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X non conserved
X similar
X $\geq$50% conserved