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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTA.    76
NTDB id 1167 A1552VC RS11065 WP 000649326.1    ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTA.    76
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTA.    76
NTDB id 1038 HON27 RS01510 WP 000993725.1      ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVN.EGAVPTKL.SD..    68
NTDB id 1197 PSJM300 03940 AFN76866.1          ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAIN.EGKTPSLT.STD.    71
NTDB id 1204 PSJM300 03935 AFN76865.1          ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAIS.EGHTPSLV.SSL.    73
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         MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDL....S...    73
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPS...    69
NTDB id 1000685 ABFU32 RS05680 WP 057671660.1  ........MKKQQGFTLIELMIVVAIIAILAAIALPAYQDYTVRGRVSEAMVAASAAKTVVAENAA.....NGSALD...    64
NTDB id 1274 LPP RS09530 WP 011214168.1        .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...    68
consensus                                                **!!*!!!!!!!*!****!!!!!*!*!**!***  *  **   *  ** * *     *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      .........AGFTRLGTV...EDMGDGKIVIAPTAS..GALGGTIKYTF......D...AGVVSSSKIQLARD.......    126
NTDB id 1167 A1552VC RS11065 WP 000649326.1    .........AGFTRLGTV...EDMGDGKIVIAPTAS..GALGGTIKYTF......D...AGVVSSSKIQLARD.......    126
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     .........AGFTRLGTV...EDMGDGKIVIAPTAS..GALGGTIKYTF......D...AGVVSSSKIQLARD.......    126
NTDB id 1038 HON27 RS01510 WP 000993725.1      .........VGFTAATS.....SVCATYSI.DAFTE..TDGAGKITCTL......KGN..PKIATKIVELTRS.......    116
NTDB id 1197 PSJM300 03940 AFN76866.1          .........EGYIGITDS...TSYCD......VDLD..TAADGHIECTA......KGGNAGKFDGKTITLNRT.......    118
NTDB id 1204 PSJM300 03935 AFN76865.1          .........PGFIGIGAS...TNYCT......VTLI..ATATGSITCTT......QNGMPDRFNGKTITIART.......    120
NTDB id 1191 AAC28468.1 484..945( )            .......GNVIFDSANG.................LDGKYFAPGGVTVTPDTGAINIAFDAGANAGKTMTITPTVI.....    124
NTDB id 1188 NELON RS01755 WP 003772458.1      NKTAAAGGGAGGAAAAGTQHASK.....YVKSVKVT..EASPWDITVAISAT..EANGIPTGLDGNTIRLFPLVNKAVP.    143
NTDB id 1424 RS RS02795 WP 011000517.1         .........VGS.........SVFTPTKNVANLTIAGTGTVPGQI.TV.........TYTTAAGGGTLALVPTAAGTALP    125
NTDB id 1002 ACIAD RS15100 WP 004923779.1      .........TAGSSCVGVQEISASNATTNVATATCG..ASSAGQIIVT.........MDTTKAKGANITLTPT.......    122
NTDB id 1000685 ABFU32 RS05680 WP 057671660.1  .........SGW.........TAPTATNNVASVAVA..T.ATGNI.TV.........TTTAKAGGGTIIFAPSANGAALA    113
NTDB id 1274 LPP RS09530 WP 011214168.1        .........TGY.........VSPAATPNVASIAIG....ANGVI.TI.........TYTAAAGGGTIVMTPTLQ.....    111
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .........TGY.........VSPAATPNVQSIAIG....ANGVI.TI.........TYTAAAGGGTIIMTPTLQ.....    111
consensus                                                **                    *    *       * *  *           *   * ** *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1184 GTF74 RS02335 WP 000649326.1      ......ANGLWTCSTT...................VTSEIAPKGCTAGATIN......    153
NTDB id 1167 A1552VC RS11065 WP 000649326.1    ......ANGLWTCSTT...................VTSEIAPKGCTAGATIN......    153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     ......ANGLWTCSTT...................VTSEIAPKGCTAGATIN......    153
NTDB id 1038 HON27 RS01510 WP 000993725.1      ......TDGAWTCVSD...................VPTEFLPKGCTAGTPTEGAITSL    149
NTDB id 1197 PSJM300 03940 AFN76866.1          ......ADGEWSCAST...................LDAKYKPGKCS............    139
NTDB id 1204 PSJM300 03935 AFN76865.1          ......TDGLWDCTSD...................LDSRYKPGKCL............    141
NTDB id 1191 AAC28468.1 484..945( )            ..AASGQISTWTCAPGAANGI..............ETRRLPTSCQ*............    153
NTDB id 1188 NELON RS01755 WP 003772458.1      .AATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK............    188
NTDB id 1424 RS RS02795 WP 011000517.1         VSSAPSGPIMWTCYAQNKAQAASSVAP...SGTMSLAAKYAPAECR............    168
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ...YASGAVTWKCTTT...................SDKKYVPSECRG...........    147
NTDB id 1000685 ABFU32 RS05680 WP 057671660.1  SGTVPTDRISWDCKGG...................TLAAKYRPAECRT...........    142
NTDB id 1274 LPP RS09530 WP 011214168.1        ....ANGDVTWTCTGG...................TLLAKYRPASCRP...........    136
NTDB id 1258 GCO85 RS09745 WP 014844212.1      ....ANGDVTWTCTGG...................TLLAKYRPASCRP...........    136
consensus                                            *   !*!  *                     *  **  !   !
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X non conserved
X similar
X $\geq$50% conserved