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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1        ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENGIAAA......A    71
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 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGF.EQAINEGKTPSLTSTDEG    73
NTDB id 1204 PSJM300 03935 AFN76865.1         ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAF.EQAISEGHTPSLVSSLPG    75
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV    73
NTDB id 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLS....VGS    76
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG    72
NTDB id 357642 E5678 RS18020 WP 136179810.1  ......MKRKLQQGFTLIELMIVVAIIGILAAVALPAYQDYTVRARVSESLVAASAAKIAVAENAAN.....GQALASGW    69
NTDB id 1274 LPP RS09530 WP 011214168.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY    71
NTDB id 1258 GC085 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY    71
consensus                                                **!!*!!!!!!!*!**!*!!!*!*!*!**!* *  ** **      *  * *     *  **     **
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1        TL....AQLGVDVAANDL.....GAIDSALAGGSPTLTFTFDA...DSSIDGGILTFTRDA.............ATGWSC    126
NTDB id 1184 GTF74 RS02335 WP 000649326.1     GF....TRLGTVEDMGDGK.IVIAPTASGALG..GTIKYTFDA...GV.VSSSKIQLARDA.............NGLWTC    133
NTDB id 1167 A1552VC RS11065 WP 000649326.1   GF....TRLGTVEDMGDGK.IVIAPTASGALG..GTIKYTFDA...GV.VSSSKIQLARDA.............NGLWTC    133
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    GF....TRLGTVEDMGDGK.IVIAPTASGALG..GTIKYTFDA...GV.VSSSKIQLARDA.............NGLWTC    133
NTDB id 1197 PSJM300 03940 AFN76866.1         YI.....GITDSTSYCDVDLD.........TAADGHIECTA.KGGNAGKFDGKTITLNRTA.............DGEWSC    125
NTDB id 1204 PSJM300 03935 AFN76865.1         FI.....GIGASTNYCTVTLI.........ATATGSITCTT.QNGMPDRFNGKTITIARTT.............DGLWDC    127
NTDB id 1119 NGFG RS11465 WP 017147169.1      AS...........PPTDIKGKYVK....EVEVKNGVVTATMLSSGVNNEIKGKKLS..........LWGRRENGSVKWFC    128
NTDB id 1191 AAC28468.1 484..945( )           NV........IFDSANGLDGKYFAPGGVTVTPDTGAINIAFD....AGANAGKTMTITPTVIA.......ASGQISTWTC    135
NTDB id 1424 RS RS02795 WP 011000517.1        .S........VFTPTKNVANLTIA....GTGTVPGQITVTY.....TTAAGGGTLALVPTAAGTALPVSSAPSGPIMWTC    138
NTDB id 1002 ACIAD RS15100 WP 004923779.1     SSCVGVQEISASNATTNVATAT.C....GASSAGQIIVTMD.....TTKAKGANITLTPT..........YASGAVTWKC    132
NTDB id 357642 E5678 RS18020 WP 136179810.1  .........IAPAATPNLASAA.I....AA...DGVITVTT.....TARAGGGTVTFVPDPV...LVAGTIPTDRIGWTC    124
NTDB id 1274 LPP RS09530 WP 011214168.1       .........VSPAATPNVASIA.I....GA...NGVITITY.....TAAAGGGTIVMTPTL.........QANGDVTWTC    120
NTDB id 1258 GC085 RS09745 WP 014844212.1     .........VSPAATPNVQSIA.I....GA...NGVITITY.....TAAAGGGTIIMTPTL.........QANGDVTWTC    120
consensus                                                     *          *     * *  **          *  * *                    !*!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1        LPTA..................PAIAVDGCS.......    139
NTDB id 1184 GTF74 RS02335 WP 000649326.1     STTVT.................SEIAPKGCTAGATIN.    153
NTDB id 1167 A1552VC RS11065 WP 000649326.1   STTVT.................SEIAPKGCTAGATIN.    153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    STTVT.................SEIAPKGCTAGATIN.    153
NTDB id 1197 PSJM300 03940 AFN76866.1         AST..................LDAKYKPGKCS.......    139
NTDB id 1204 PSJM300 03935 AFN76865.1         TSD..................LDSRYKPGKCL.......    141
NTDB id 1119 NGFG RS11465 WP 017147169.1      GQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK    166
NTDB id 1191 AAC28468.1 484..945( )           APGAANG.............IETRRLPTSCQ*......    153
NTDB id 1424 RS RS02795 WP 011000517.1        YAQNKAQAASSV.APSGTMSLAAKYAPAECR.......    168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     TTT..................SDKKYVPSECRG......    147
NTDB id 357642 E5678 RS18020 WP 136179810.1  TGG................TLVAKYRPAACR.......    139
NTDB id 1274 LPP RS09530 WP 011214168.1       TGG................TLLAKYRPASCRP......    136
NTDB id 1258 GC085 RS09745 WP 014844212.1     TGG................TLLAKYRPASCRP......    136
consensus                                     *                  *  *  *  !
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X non conserved
X similar
X $\geq$ 50% conserved