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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 1292 VP RS12235 WP 005479693.1        ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALIIPAELHYQE.NGIAAAAT....    72
NTDB id 1038 HON27 RS01510 WP 000993725.1     ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNE.GAVPTKLSDV..    69
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSR.GWSVKSGTGTED    71
NTDB id 209918 BI317 RS18160 WP 074058081.1   ........MKKQQGFTLIELMIVVAIIAILAAIALPAYQDYVVKSQAASALAEITPGKVGFEQATNE.GKTPSTAAAD..    69
NTDB id 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINE.GKTPSLTSTD..    71
NTDB id 1204 PSJM300 03935 AFN76865.1         ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISE.GHTPSLVSSL..    73
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV    73
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......    74
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG    72
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 1184 GTF74 RS02335 WP 000649326.1     GFTRL...GTV.......EDMGDGKIVIAPTASGALGGTIKYTF.DAG...VVSSSKIQLARD.............ANG    129
NTDB id 1167 A1552VC RS11065 WP 000649326.1   GFTRL...GTV.......EDMGDGKIVIAPTASGALGGTIKYTF.DAG...VVSSSKIQLARD.............ANG    129
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    GFTRL...GTV.......EDMGDGKIVIAPTASGALGGTIKYTF.DAG...VVSSSKIQLARD.............ANG    129
NTDB id 1292 VP RS12235 WP 005479693.1        ....LAQLGVD.....VAANDLGAIDS.......ALAGGSPTLTF.TFDADSSIDGGILTFTRD.............AAT    122
NTDB id 1038 HON27 RS01510 WP 000993725.1     ........GFT.....AATSSVCATYSIDAF.TETDGAGKITCTL.KG..NPKIATKIVELTRS.............TDG    119
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ATKKEVPLGVA.....ADANKLGTIALKPDP.ADGTAD.ITLTFT.MGGAGPKNKGKIITLTRT............AADG    131
NTDB id 209918 BI317 RS18160 WP 074058081.1   ....AGYIGVG.....GTTS.YCTVTV......TA...TTIVCAT.RGGNATKFNGKNLTWTRD............AATG    117
NTDB id 1197 PSJM300 03940 AFN76866.1         ....EGYIGIT.....DSTS.YCDVDL......DTAADGHIECTA.KGGNAGKFDGKTITLNRT.............ADG    121
NTDB id 1204 PSJM300 03935 AFN76865.1         ....PGFIGIG.....ASTN.YCTVTL......IATATGSITCTT.QNGMPDRFNGKTITIART.............TDG    123
NTDB id 1119 NGFG RS11465 WP 017147169.1      AS...............PPTDIKGKYVK....EVEVKNGVVTATMLSSGVNNEIKGKKLSL..........WGRRENGSV    124
NTDB id 1424 RS RS02795 WP 011000517.1        ........GSSVF...TPTKNVANLTIA....GTGTVPGQITVTYT.....TAAGGGTLALVPTAAGTALPVSSAPSGPI    134
NTDB id 1002 ACIAD RS15100 WP 004923779.1     SS....CVGVQEISASNATTNVATA..T....CGASSAGQIIVTMDT....TKAKGANITLTPT..........YASGAV    128
NTDB id 1274 LPP RS09530 WP 011214168.1       V.............SPAATPNVASI..A....IGA..NGVITITY.T....AAAGGGTIVMTPTL.........QANGDV    116
NTDB id 1258 GC085 RS09745 WP 014844212.1     V.............SPAATPNVQSI..A....IGA..NGVITITY.T....AAAGGGTIIMTPTL.........QANGDV    116
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 1292 VP RS12235 WP 005479693.1        GWSCLPT..................APAIA.VDGCS............    139
NTDB id 1038 HON27 RS01510 WP 000993725.1     AWTCVSD..................VPTEFLPKGCTAGTPTEGAITSL    149
NTDB id 1192 PAKAF RS23870 WP 024947914.1     LWKCTSD..................QDEQFIPKGCSK...........    150
NTDB id 209918 BI317 RS18160 WP 074058081.1   LWSCGSD..................LDAKYKPGKCT............    135
NTDB id 1197 PSJM300 03940 AFN76866.1         EWSCAST..................LDAKYKPGKCS............    139
NTDB id 1204 PSJM300 03935 AFN76865.1         LWDCTSD..................LDSRYKPGKCL............    141
NTDB id 1119 NGFG RS11465 WP 017147169.1      KWFCGQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK.....    166
NTDB id 1424 RS RS02795 WP 011000517.1        MWTCYAQNKAQAASSVA.PSGTMSLAAKYAPAECR............    168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     TWKCTTT..................S.DKKYVPSECRG...........    147
NTDB id 1274 LPP RS09530 WP 011214168.1       TWTCTGG..................TLLAKYRPASCRP...........    136
NTDB id 1258 GC085 RS09745 WP 014844212.1     TWTCTGG..................TLLAKYRPASCRP...........    136
consensus                                      !*!**                   *  ** *  !*
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X non conserved
X similar
X $\geq$ 50% conserved