```
NTDB id 1191 AAC28468.1 484..945( )          ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG   74
NTDB id 1109 OK783 RS10670 WP 157147416.1    .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV   73
NTDB id 1119 NGFG RS11465 WP 017147169.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV   73
NTDB id 404182 GM160 RS10520 WP 136867377.1  ......MNKQVQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRAQVSEGMSLSSGAKTAVAEFYNQRGSFPTSNASAGL   74
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 GCO85 RS09745 WP 014844212.1    .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
NTDB id 1184 GTF74 RS02335 WP 000649326.1    ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGT..   75
NTDB id 1167 A1552VC RS11065 WP 000649326.1  ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGT..   75
NTDB id 1160 ABDM36 RS02330 WP 000649326.1   ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGT..   75
NTDB id 1038 HON27 RS01510 WP 000993725.1    ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNE.GAVPTKLSD...   68
NTDB id 1197 PSJM300 03940 AFN76866.1        ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINE.GKTPSLTSTD..   71
NTDB id 1192 PAKAF RS23870 WP 024947914.1    ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSR.GWSVKSGTGTED   71
consensus                                    !!!!!!!!!!!!!*!**!*!!!*!*!*!**!* ** ***** **  *  *  *  *
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NTDB id 1191 AAC28468.1 484..945( )          NVI....F...DSANGLDGKY.FAPGG.........VTV.TPDTGAINIAFDAGANAGKTMTITPTVIA........ASG   128
NTDB id 1109 OK783 RS10670 WP 157147416.1    ASA.....S......TIKGKY.VQKVE.........VAK.....GVVTAQMASTGV.......NKEIQDKKLSLWAKRQD   120
NTDB id 1119 NGFG RS11465 WP 017147169.1     ASP....PT......DIKGKY.VKEVE.........VKN.....GVVTATMLSSGV.......NNEIKGKKLSLWGRREN   121
NTDB id 404182 GM160 RS10520 WP 136867377.1  STA....ASIS.......GEY.VSQVN.........VAQ.GGTAGLIGATFNTGNEN...T....NITGDILLISAIDQG   125
NTDB id 1424 RS RS02795 WP 011000517.1       ........GSSVF...TPTKN.VANLT.........IAGTGTVPGQITVTYT.TAAGGGTLALVPTAAGT.ALPVSSAPS   131
NTDB id 1002 ACIAD RS15100 WP 004923779.1    SSC....VGVQEISASNATTN.VATA...........TCGASSAGQIIVTMDTTKAKGANITLTPT...........YAS   125
NTDB id 1274 LPP RS09530 WP 011214168.1      V............SPAATPN.VASI...........AIGA..NGVITITY.TAAAGGGTIVMTPTL..........QAN   113
NTDB id 1258 GCO85 RS09745 WP 014844212.1    V............SPAATPN.VQSI...........AIGA..NGVITITY.TAAAGGGTIIMTPTL..........QAN   113
NTDB id 1184 GTF74 RS02335 WP 000649326.1    ..........AAGFTRLGTVE.....DMGDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLAR.............D   126
NTDB id 1167 A1552VC RS11065 WP 000649326.1  ..........AAGFTRLGTVE.....DMGDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLAR.............D   126
NTDB id 1160 ABDM36 RS02330 WP 000649326.1   ..........AAGFTRLGTVE.....DMGDGKIVIAPTASGALGGTIKYTFDAGVVSSSKIQLAR.............D   126
NTDB id 1038 HON27 RS01510 WP 000993725.1    .......VGFTAATSSVCATYSIDAFTETDGAGKI.TCT..LK........GNPKIATKIVELTR.............S   116
NTDB id 1197 PSJM300 03940 AFN76866.1        ....EGYIGITDS.TSYCDVD.LD..TAADGHI...ECT..AKGG......NAGKFDGKTITLNR.............T   118
NTDB id 1192 PAKAF RS23870 WP 024947914.1    ATKKEVPLGVAADANKLGTIA.LKP.DPADGTADITLTF..TMGG......AGPKNKGKIITLTR.............TA   128
consensus                                          * *   *                 *   * *  **  *      * *
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NTDB id 1191 AAC28468.1 484..945( )          QISTWTCAPG.............AANGIETRRLPTSCQ*.............   153
NTDB id 1109 OK783 RS10670 WP 157147416.1    GSVKWFCGQPVTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT.......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1     GSVKWFCGQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK......   166
NTDB id 404182 GM160 RS10520 WP 136867377.1  GSISWTCKST..................TLADKYIPASCR.............   147
NTDB id 1424 RS RS02795 WP 011000517.1       GPIMWTCYAQNKAQAASS.VAPSGTMSLAAKYAPAECR.............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1    GAVTWKCTTT.................S.DKKYVPSECRG............   147
NTDB id 1274 LPP RS09530 WP 011214168.1      GDVTWTCTGG.................TLLAKYRPASCRP............   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1    GDVTWTCTGG.................TLLAKYRPASCRP............   136
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 H0N27 RS01510 WP 000993725.1    TDGAWTCVSD.................VPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1197 PSJM300 03940 AFN76866.1        ADGEWSCAST.................LDAKYKPGKCS.............   139
NTDB id 1192 PAKAF RS23870 WP 024947914.1    ADGLWKCTSD.................QDEQFIPKGCSK............   150
consensus                                    *   !*!  *                 *  **  !  !
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X non conserved
X similar
X ≥ 50% conserved