```
logo
NTDB id 613 LCA RS05340 WP 231952379.1      MMWQDYWQRYRRFWWVPCLVLLGIIAGG.FYWHQSQQKQKVTQ...NEQLLATSASKT.........KPATKKTHQAATKKKGGF   72
NTDB id 300 STER RS07485 WP 011681496.1     .MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEKVKSKVT   84
NTDB id 1242 Cj0011c YP 002343483.1         ..........................................................................................   0
NTDB id 595 KW2 RS08725 WP 021037687.1      ..MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPK.PAETLSVEN..LSSS..ST.......KSSVSKFNSSSSEKNKNEIM   71
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ..MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHT.PVKETNLQAEVVAISKDSS.......TEKDVKKEEKEEPVEQDLIT   75
NTDB id 493 SM12261 RS04300 WP 000387351.1  ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQT.PVKETNLQAEVVAVSKDSV.......SEKEVKKEEKEEPLEQDLIT   75
NTDB id 153 SP RS04730 WP 000387344.1       ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQT.PVKETNLQAEVAAVSKDSS.......TEKEVKKEEKEEPLEQDLIT   75
NTDB id 188 SPR RS04295 WP 000387330.1      ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQT.PVKETNLQAEVAAVSKDLV.......SEKEVNKEEKEEPLEQDLIT   75
NTDB id 222 SPD RS04535 WP 000387330.1      ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQT.PVKETNLQAEVAAVSKDLV.......SEKEVNKEEKEEPLEQDLIT   75
NTDB id 263 KZH43 RS04195 WP 000387330.1    ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQT.PVKETNLQAEVAAVSKDLV.......SEKEVNKEEKEEPLEQDLIT   75
consensus                                     ********************************** *********** *******        ***** **************

logo
NTDB id 613 LCA RS05340 WP 231952379.1      VDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSERTQEQA  157
NTDB id 300 STER RS07485 WP 011681496.1     VDVKGAVVNPGVYTLKAG.ARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTGQ.............  155
NTDB id 1242 Cj0011c YP 002343483.1         ..................................................MK..KLLF...............................   6
NTDB id 595 KW2 RS08725 WP 021037687.1      VDLKGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSE.STDSPT.............  141
NTDB id 521 SMSK321 RS04960 WP 000443804.1  VDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQ.HTGSGA.............  145
NTDB id 493 SM12261 RS04300 WP 000387351.1  VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQ.QAGPGT.............  145
NTDB id 153 SP RS04730 WP 000387344.1       VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQ.QTGSGT.............  145
NTDB id 188 SPR RS04295 WP 000387330.1      VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQ.QTGLGT.............  145
NTDB id 222 SPD RS04535 WP 000387330.1      VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQ.QTGLGT.............  145
NTDB id 263 KZH43 RS04195 WP 000387330.1    VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQ.QTGLGT.............  145
consensus                                   ****************** ****************************************** ** *** **

logo
NTDB id 613 LCA RS05340 WP 231952379.1      STGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN  235
NTDB id 300 STER RS07485 WP 011681496.1     .V.SDKGGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA  231
NTDB id 1242 Cj0011c YP 002343483.1         ....LFFALTAFLFGAVNINTATLKELKSLNGIGEAKAKAILEYRK.EANFTSIDDLKKVKGIGDKLFEKIKNDITIE   79
NTDB id 595 KW2 RS08725 WP 021037687.1      .GSSVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID  218
NTDB id 521 SMSK321 RS04960 WP 000443804.1  .P......SSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD  216
NTDB id 493 SM12261 RS04300 WP 000387351.1  .A......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD  216
NTDB id 153 SP RS04730 WP 000387344.1       .A......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 188 SPR RS04295 WP 000387330.1      .A......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 222 SPD RS04535 WP 000387330.1      .A......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 263 KZH43 RS04195 WP 000387330.1    .A......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
consensus                                    *       ***********!*!****!****!*!***!******!*****!*****!**!*!*!*!************
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X non conserved

X similar

X ≥50% conserved