```
logo
NTDB id 300 STER RS07485 WP 011681496.1        MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSME.......AETSYTDVTALSTSSSKQSSQSLSEASSQSKT   73
NTDB id 595 KW2 RS08725 WP 021037687.1         .MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSVENLSSSSTKSSVSKFNSS..................   61
NTDB id 1141446 DQN42 RS05175 WP 003076279.1   MLEVIVTKIKEYKILVALSLIGLIIAGFFMMTSKSARQSN...VGDIAQETTNEKLERKETSTETKKKQQ..KEETESQK   75
NTDB id 521 SMSK321 RS04960 WP 000443804.1     .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVK...ETNLQAEVVA..IS.KDSSTEKD.........VKKEE   64
NTDB id 493 SM12261 RS04300 WP 000387351.1     .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVVA..VS.KDSVSEKE.........VKKEE   64
NTDB id 153 SP RS04730 WP 000387344.1          .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVAA..VS.KDSSTEKE.........VKKEE   64
NTDB id 263 KZH43 RS04195 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVAA..VS.KDLVSEKE.........VNKEE   64
NTDB id 222 SPD RS04535 WP 000387330.1         .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVAA..VS.KDLVSEKE.........VNKEE   64
NTDB id 188 SPR RS04295 WP 000387330.1         .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVAA..VS.KDLVSEKE.........VNKEE   64
consensus                                       *!*!****!*****************!***********   ******** *  ** ********         * ***

logo
NTDB id 300 STER RS07485 WP 011681496.1        EGSEKVKSKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVL.DQTG   152
NTDB id 595 KW2 RS08725 WP 021037687.1         .SSEKNKNEIMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDSP   140
NTDB id 1141446 DQN42 RS05175 WP 003076279.1   NLASEEVEFLTVDVKGAVKNPGIYQLKKTSRINDAIQKAGGLTTDADSKSINLAQKLTDEAVIYVAAMGENVTNAASNNG   155
NTDB id 521 SMSK321 RS04960 WP 000443804.1     KEEPVEQDLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTGSG   144
NTDB id 493 SM12261 RS04300 WP 000387351.1     KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAGPG   144
NTDB id 153 SP RS04730 WP 000387344.1          KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGSG   144
NTDB id 263 KZH43 RS04195 WP 000387330.1       KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLG   144
NTDB id 222 SPD RS04535 WP 000387330.1         KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLG   144
NTDB id 188 SPR RS04295 WP 000387330.1         KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLG   144
consensus                                      ***********!!*!!!!**!**!******!**!****!!!*!**!!*!!*!!******!!***!!****!** ***** *

logo
NTDB id 300 STER RS07485 WP 011681496.1        TGQVSDKGGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
NTDB id 595 KW2 RS08725 WP 021037687.1         TG.SSVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 1141446 DQN42 RS05175 WP 003076279.1   QTLTKDTNGTAAQKGNKVNLNKANLSDLQSISGIGQKRAQDILDYREANGKFNSVDDLKNVSGVGAKTLEKLKEYVTVD   234
NTDB id 521 SMSK321 RS04960 WP 000443804.1     A.......PSSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1     T.......ASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1          T.......ASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1       T.......ASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1         T.......ASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1         T.......ASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
consensus                                      *        *** ****!*!*!*!****!****!*!*!*!*!****!***!*!*!***!**!!!*!*!!**!********
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X non conserved

X similar

X $\geq$50% conserved