```
logo
NTDB id 300 STER RS07485 WP 011681496.1     MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSME.......AETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEK   78
NTDB id 595 KW2 RS08725 WP 021037687.1      .MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSVENLSSSSTKSSVSKFNSS....................SSEK   65
NTDB id 51875 SCIM RS05070 WP 003076279.1   MLEVIVTKIKEYKILVALSLIGLIIAGFFMMTSKSARQSN...VGDIAQETTNEKLERKETSTETKKKQQ..KEETESQKNLASE   80
NTDB id 521 SMSK321 RS04960 WP 000443804.1  .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVK...ETNLQAEVVA..IS.KDSSTEKD.........VKKEEKEEPV   69
NTDB id 493 SM12261 RS04300 WP 000387351.1  .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVVA..VS.KDSVSEKE.........VKKEEKEEPL   69
NTDB id 153 SP RS04730 WP 000387344.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVAA..VS.KDSSTEKE.........VKKEEKEEPL   69
NTDB id 263 KZH43 RS04195 WP 000387330.1    .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVAA..VS.KDLVSEKE.........VNKEEKEEPL   69
NTDB id 222 SPD RS04535 WP 000387330.1      .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVAA..VS.KDLVSEKE.........VNKEEKEEPL   69
NTDB id 188 SPR RS04295 WP 000387330.1      .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVAA..VS.KDLVSEKE.........VNKEEKEEPL   69
consensus                                    *!*!****!*****************!***********   ******** *  ** ********         * ********

logo
NTDB id 300 STER RS07485 WP 011681496.1     VKSKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVL.DQTGTGQVSDKGGQ   162
NTDB id 595 KW2 RS08725 WP 021037687.1      NKNEIMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDSPTG.SSVSNQI   149
NTDB id 51875 SCIM RS05070 WP 003076279.1   EVEFLTVDVKGAVKNPGIYQLKKTSRINDAIQKAGGLTTDADSKSINLAQKLTDEAVIYVAAMGENVTNAASNNGQTLTKDTNGT   165
NTDB id 521 SMSK321 RS04960 WP 000443804.1  EQDLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTGSGA.......PS   147
NTDB id 493 SM12261 RS04300 WP 000387351.1  EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAGPGT.......AS   147
NTDB id 153 SP RS04730 WP 000387344.1       EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGSGT.......AS   147
NTDB id 263 KZH43 RS04195 WP 000387330.1    EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGT.......AS   147
NTDB id 222 SPD RS04535 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGT.......AS   147
NTDB id 188 SPR RS04295 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGT.......AS   147
consensus                                   ******!!*!!!!**!**!******!**!****!!!*!**!!*!!*!!******!!***!!****!** ***** **        **

logo
NTDB id 300 STER RS07485 WP 011681496.1     AVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
NTDB id 595 KW2 RS08725 WP 021037687.1      STTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 51875 SCIM RS05070 WP 003076279.1   AAQKGNKVNLNKANLSDLQSISGIGQKRAQDILDYREANGKFNSVDDLKNVSGVGAKTLEKLKEYVTVD   234
NTDB id 521 SMSK321 RS04960 WP 000443804.1  STSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1  STSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1       STSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1    SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1      SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1      SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
consensus                                   *  ****!*!*!*!****!****!*!*!*!*!****!***!*!*!***!**!!!*!*!!**!********
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X non conserved

X similar

X $\geq$ 50% conserved