```
logo
NTDB id 300 STER RS07485 WP 011681496.1      MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSS...SKQSSQ....SLSEASSQSKTEGSEK   78
NTDB id 595 KW2 RS08725 WP 021037687.1       .MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETL..SVENLSSSSTKSSVSKFNSS.................SSEK   65
NTDB id 61517 SII RS03730 WP 020998590.1     MLEVIITKIKEYKILVGLSLIGLIIAGFFLMTSKSARQSN.....VGDIAQEATNAKLERKETSTETKKKQQKEETKSQKNLASE   80
NTDB id 521 SMSK321 RS04960 WP 000443804.1   .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVK.....ETNLQAEVV..AIS.KDSSTE.......KDVKKEEKEEPV   69
NTDB id 493 SM12261 RS04300 WP 000387351.1   .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVV..AVS.KDSVSE.......KEVKKEEKEEPL   69
NTDB id 153 SP RS04730 WP 000387344.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDSSTE.......KEVKKEEKEEPL   69
NTDB id 263 KZH43 RS04195 WP 000387330.1     .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDLVSE.......KEVNKEEKEEPL   69
NTDB id 222 SPD RS04535 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDLVSE.......KEVNKEEKEEPL   69
NTDB id 188 SPR RS04295 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDLVSE.......KEVNKEEKEEPL   69
consensus                                     *!*!****!*****************!***********     ********   *** ******        *** ********

logo
NTDB id 300 STER RS07485 WP 011681496.1      VKSKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVL.DQTGTGQVSDKGGQ  162
NTDB id 595 KW2 RS08725 WP 021037687.1       NKNEIMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDSPTGS.SVSNQI  149
NTDB id 61517 SII RS03730 WP 020998590.1     ELEFLTVDVKGAVKNPGIYQLKKTSRINDAIQKAGGLTTDADSKSINLAQKLTDEAVIYVATMGENVTNAASNNGQTLTTDTDGT  165
NTDB id 521 SMSK321 RS04960 WP 000443804.1   EQDLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTGSGAP.......S  147
NTDB id 493 SM12261 RS04300 WP 000387351.1   EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAGPGTA.......S  147
NTDB id 153 SP RS04730 WP 000387344.1        EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGSGTA.......S  147
NTDB id 263 KZH43 RS04195 WP 000387330.1     EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGTA.......S  147
NTDB id 222 SPD RS04535 WP 000387330.1       EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGTA.......S  147
NTDB id 188 SPR RS04295 WP 000387330.1       EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGTA.......S  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 61517 SII RS03730 WP 020998590.1     AAQKGNKVNLNKANLSDLQSISGIGQKRAQDILDYREANGKFNSVDELKNISGVGVKTLEKLKEYVTVD  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