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logo

NTDB id 300 STER RS07485 WP 011681496.1      MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTS...SSKQSS....QSLSEASSQSKTEGSEK   78
NTDB id 595 KW2 RS08725 WP 021037687.1       .MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETL..SVENLSSSSTKSSVSKFNSS................SSEK   65
NTDB id 61674 SANR RS04790 WP 020999584.1    MLEVIIKKIKEYKILVGLSLIGLIIAGFFLMTSKSARQSN.....VGDIAQEATNAKLERKETSTETKKKQQKEETESQKNLASE   80
NTDB id 521 SMSK321 RS04960 WP 000443804.1   .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVK.....ETNLQAEVV..AIS.KDSSTEKD..V.....KKEEKEEPV   69
NTDB id 493 SM12261 RS04300 WP 000387351.1   .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVV..AVS.KDSVSEKE..V.....KKEEKEEPL   69
NTDB id 153 SP RS04730 WP 000387344.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDSSTEKE..V.....KKEEKEEPL   69
NTDB id 263 KZH43 RS04195 WP 000387330.1     .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDLVSEKE..V.....NKEEKEEPL   69
NTDB id 222 SPD RS04535 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDLVSEKE..V.....NKEEKEEPL   69
NTDB id 188 SPR RS04295 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDLVSEKE..V.....NKEEKEEPL   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 61674 SANR RS04790 WP 020999584.1    ELEFLTVDVKGAVKNPGIYQLKKTSRINDAIQKAGGLTTDADSKSINLAQKLTDEAVIYVAAMGENVTNAATNNGQTLTTDTNGT   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 61674 SANR RS04790 WP 020999584.1    AAQKGNKVNLNKANLSDLQSISGIGQKRAQDILDYRESNGKFNSVDDLKNVSGVGAKTLEKLKEYVTVD   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