```
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 61873 SIR RS13415 WP 021002681.1     MLEVIVAKIKEYKILVALSLIGLIIAGFFMMTSKSARQSN.....VGDIVQETTNAKLERKETSTETKKKQQKEETESQKNLASE   80
NTDB id 521 SMSK321 RS04960 WP 000443804.1   .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVK.....ETNLQAEVVA..IS.KDSSTEKD..V.....KKEEKEEPV   69
NTDB id 493 SM12261 RS04300 WP 000387351.1   .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVVA..VS.KDSVSEKE..V.....KKEEKEEPL   69
NTDB id 153 SP RS04730 WP 000387344.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVAA..VS.KDSSTEKE..V.....KKEEKEEPL   69
NTDB id 263 KZH43 RS04195 WP 000387330.1     .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVAA..VS.KDLVSEKE..V.....NKEEKEEPL   69
NTDB id 222 SPD RS04535 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVAA..VS.KDLVSEKE..V.....NKEEKEEPL   69
NTDB id 188 SPR RS04295 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVAA..VS.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       NKNEIMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDSPTG.SSVSNQI  149
NTDB id 61873 SIR RS13415 WP 021002681.1     ELEFLTVDVKGAVKNPGIYQLKKTSRINDAIQKAGGLTTDADSKSINLAQKLTDEAVIYVAAIGENVTNATSNNGQTLTKDTNET  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 61873 SIR RS13415 WP 021002681.1     AAQKGNKVNLNKANLSDLQSISGIGQKRAQDILDYREANGKFNSVDDLKNISGVGAKTLEKLKEYVTVD   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