```
logo
NTDB id 595 KW2 RS08725 WP 021037687.1          .MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSV..EN...LSSSSTKSSV..............SKFNS   60
NTDB id 300 STER RS07485 WP 011681496.1         MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEAS.......SQSKT   73
NTDB id 1081713 ACK2I7 RS03480 WP 003024731.1  MLETIIEKMKEYKILIGLSLIGLIIAGFFMINGQSSRQSNVAELAQE.....TVTSSEAESEEISTGTKKNSQKEKAEPQ   75
NTDB id 521 SMSK321 RS04960 WP 000443804.1     .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVKETNLQAE.....VVAISKDSS...........TEKDVKKEE   64
NTDB id 493 SM12261 RS04300 WP 000387351.1     .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAE.....VVAVSKDSV...........SEKEVKKEE   64
NTDB id 153 SP RS04730 WP 000387344.1          .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAE.....VAAVSKDSS...........TEKEVKKEE   64
NTDB id 263 KZH43 RS04195 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAE.....VAAVSKDLV...........SEKEVNKEE   64
NTDB id 222 SPD RS04535 WP 000387330.1         .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAE.....VAAVSKDLV...........SEKEVNKEE   64
NTDB id 188 SPR RS04295 WP 000387330.1         .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAE.....VAAVSKDLV...........SEKEVNKEE   64
consensus                                       *!*!****!******************!******************     * *******           ***** ***

logo
NTDB id 595 KW2 RS08725 WP 021037687.1          SSSEKNKNEIMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSES.TDS   139
NTDB id 300 STER RS07485 WP 011681496.1         EGSEKVKSKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGT   153
NTDB id 1081713 ACK2I7 RS03480 WP 003024731.1  TSSSEESEFLTVDVKGAVKNPGIYQLKKTSRINDAIQKAGGLTTDADSKSINLAQKLTDEAVVYVATMGENAAS.VSSNT   154
NTDB id 521 SMSK321 RS04960 WP 000443804.1     KEEPVEQDLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESAS.QHTGS   143
NTDB id 493 SM12261 RS04300 WP 000387351.1     KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAAS.QQAGP   143
NTDB id 153 SP RS04730 WP 000387344.1          KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGS   143
NTDB id 263 KZH43 RS04195 WP 000387330.1       KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGL   143
NTDB id 222 SPD RS04535 WP 000387330.1         KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGL   143
NTDB id 188 SPR RS04295 WP 000387330.1         KEEPLEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGL   143
consensus                                      ***********!!*!!!!**!**!******!**!****!!!*!**!!*!!*!!*****!!***!!****!**  *  *****

logo
NTDB id 595 KW2 RS08725 WP 021037687.1          PTG.SSVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 300 STER RS07485 WP 011681496.1         GQVSD..KGGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHCGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
NTDB id 1081713 ACK2I7 RS03480 WP 003024731.1  GQSSTSGTSEVASQKGNKVNLNTADLSELQTISGIGQKRAQDILDYREANGKFNSVDDLKNVSGVGAKTLEKLKEYVTVD   234
NTDB id 521 SMSK321 RS04960 WP 000443804.1     GAPS.......STSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1     GTAS.......STSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1          GTAS.......STSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1       GTAS.......SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1         GTAS.......SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1         GTAS.......SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
consensus                                      ****        ******!*!*!*!****!****!*!*!*!*!****!***!*!*!***!**!!!*!*!!**!********
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X non conserved

X similar

X $\geq$ 50% conserved