```
logo
NTDB id 595 KW2 RS08725 WP 021037687.1        .MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETL..S...VENLSSSSTKSSVSKF.......NSSSSEKNK   67
NTDB id 300 STER RS07485 WP 011681496.1       MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEKVK   80
NTDB id 317159 D7D50 RS09640 WP 023026596.1   .METWIEKIKEYKLFLGLVAVGLVVGGVFLFWPKPTPQAPETVIS.QLEM.VEQESSPKGDSSFTSSSQERSEEKTDSSH   77
NTDB id 521 SMSK321 RS04960 WP 000443804.1    .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVKETNLQ.AEVVAISKDSS.......TEKDVKKEEKEEPVEQ   71
NTDB id 493 SM12261 RS04300 WP 000387351.1    .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQ.AEVVAVSKDSV.......SEKEVKKEEKEEPLEQ   71
NTDB id 153 SP RS04730 WP 000387344.1         .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQ.AEVAAVSKDSS.......TEKEVKKEEKEEPLEQ   71
NTDB id 263 KZH43 RS04195 WP 000387330.1      .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQ.AEVAAVSKDLV.......SEKEVNKEEKEEPLEQ   71
NTDB id 222 SPD RS04535 WP 000387330.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQ.AEVAAVSKDLV.......SEKEVNKEEKEEPLEQ   71
NTDB id 188 SPR RS04295 WP 000387330.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQ.AEVAAVSKDLV.......SEKEVNKEEKEEPLEQ   71
consensus                                      *!******!*****************!*************** *** *******        ***** **********

logo
NTDB id 595 KW2 RS08725 WP 021037687.1        NEIMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDSPTGSSVSN   147
NTDB id 300 STER RS07485 WP 011681496.1       SKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTGQVSDKG   160
NTDB id 317159 D7D50 RS09640 WP 023026596.1   EKIMVDVKGAVRQAGVYELPVGSRVYDAVQKAGGMTDEANSQSVNLAQKLEDESIVYVAKNGEEVAPVASASA...GTTG   154
NTDB id 521 SMSK321 RS04960 WP 000443804.1    DLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHT......GSGA   145
NTDB id 493 SM12261 RS04300 WP 000387351.1    DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQA......GPGT   145
NTDB id 153 SP RS04730 WP 000387344.1         DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT......GSGT   145
NTDB id 263 KZH43 RS04195 WP 000387330.1      DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT......GLGT   145
NTDB id 222 SPD RS04535 WP 000387330.1        DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT......GLGT   145
NTDB id 188 SPR RS04295 WP 000387330.1        DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT......GLGT   145
consensus                                      ****!!*!!!!*****!******!**!****!!!*!**!***!*!!*****!!***!!****!** ****       * **

logo
NTDB id 595 KW2 RS08725 WP 021037687.1        QISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 300 STER RS07485 WP 011681496.1       GQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
NTDB id 317159 D7D50 RS09640 WP 023026596.1   GENQQKDGKVNLNTATEAELQTISGIGQKRAQDIIAYREEKGKFQSVDELKNVSGIGQKMLEKLKEHVTVD   225
NTDB id 521 SMSK321 RS04960 WP 000443804.1    PSSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1    ASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1         ASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1      ASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1        ASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1        ASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
consensus                                      *** ****!*!*!*!****!****!*!*!*!*!*!**!***!*!*!***!**!!!*!*!***!********
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X non conserved

X similar

X $\geq$ 50% conserved