```
logo

NTDB id 105 BSU 25590 NP 390437.1          .....MNWLNQHKKAIILAASAA.VFTAIMIFLATGKNKEPVKQAVPTETENTVV...................KQEANND   56
NTDB id 300 STER RS07485 WP 011681496.1    MKEKILAYVKDNRLFVSVIAVLMVIF...CFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSE   77
NTDB id 595 KW2 RS08725 WP 021037687.1     .MEKILDKLKEYWKIMLLVVCA...LIAGGIFYIFTNSP...KPAETLSVEN..LSSSSTK..S.....SVSKFNSSSSE   64
NTDB id 1030286 AB6M99 RS04160 WP 121834345.1 .METIIEKVREHAILSGVGGGLLILVCIIGFLMLKPKEE...APAFPVVEEVTQVVTEKEE............ESSSAFS   64
NTDB id 521 SMSK321 RS04960 WP 000443804.1 .MESIIEKIKEYKIIVICTGLG...LLVGGFFLLKPAPH...TPVKETNLQAEVVAISKDSSTE.....KDVKKEEKEEP   68
NTDB id 493 SM12261 RS04300 WP 000387351.1 .MEAIIEKIKEYKIIVICTGLG...LLVGGFFLLKPAPQ...TPVKETNLQAEVVAVSKDSVSE.....KEVKKEEKEEP   68
NTDB id 153 SP RS04730 WP 000387344.1      .MEAIIEKIKEYKIIVICTGLG...LLVGGFFLLKPAPQ...TPVKETNLQAEVAAVSKDSSTE.....KEVKKEEKEEP   68
NTDB id 263 KZH43 RS04195 WP 000387330.1   .MEAIIEKIKEYKIIVICTGLG...LLVGGFFLLKPAPQ...TPVKETNLQAEVAAVSKDLVSE.....KEVNKEEKEEP   68
NTDB id 222 SPD RS04535 WP 000387330.1     .MEAIIEKIKEYKIIVICTGLG...LLVGGFFLLKPAPQ...TPVKETNLQAEVAAVSKDLVSE.....KEVNKEEKEEP   68
NTDB id 188 SPR RS04295 WP 000387330.1     .MEAIIEKIKEYKIIVICTGLG...LLVGGFFLLKPAPQ...TPVKETNLQAEVAAVSKDLVSE.....KEVNKEEKEEP   68
consensus                                   ********************   **************   *****************  **      ***  *******

logo

NTDB id 105 BSU 25590 NP 390437.1          ESNETIVIDIKGAVQHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAV.QQGGGGSVQ  135
NTDB id 300 STER RS07485 WP 011681496.1    KVKSKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTGQVS  157
NTDB id 595 KW2 RS08725 WP 021037687.1     KNKNEIMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSS.ESTDSPTGS  143
NTDB id 1030286 AB6M99 RS04160 WP 121834345.1 QESEKILVDVKGAVVSEGVYELSLGDRVRDAIELAGGLSPQADKQSVNFAQKLTDEAVVYVAKIGEVEHS.APAVAGDPQ  143
NTDB id 521 SMSK321 RS04960 WP 000443804.1 VEQDLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESAS.QHTGSGAPS  147
NTDB id 493 SM12261 RS04300 WP 000387351.1 LEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAAS.QQAGPGTAS  147
NTDB id 153 SP RS04730 WP 000387344.1      LEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGSGTAS  147
NTDB id 263 KZH43 RS04195 WP 000387330.1   LEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGLGTAS  147
NTDB id 222 SPD RS04535 WP 000387330.1     LEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGLGTAS  147
NTDB id 188 SPR RS04295 WP 000387330.1     LEQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGLGTAS  147
consensus                                  ********!*!!!!*****!******!*******!!!****!!****!******!****!*****!** * **** ****

logo

NTDB id 105 BSU 25590 NP 390437.1          SD.....GGKGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK  205
NTDB id 300 STER RS07485 WP 011681496.1    .DKGGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA  231
NTDB id 595 KW2 RS08725 WP 021037687.1     SVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID  218
NTDB id 1030286 AB6M99 RS04160 WP 121834345.1 ......AA..SGKVNINKATAAELTTVSGIGEKRAQDIIAYREEHGKFSSLDDLTNVSGIGAKTLEKLKSELTID  210
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