```
logo
NTDB id 300 STER RS07485 WP 011681496.1      MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSME..A.....ETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEK   78
NTDB id 595 KW2 RS08725 WP 021037687.1       .MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSVENLSSSSTKSSVSKFNSS....................SSEK   65
NTDB id 67262 SITYG RS05470 WP 096362893.1   MLEVIVAKIKEYKILVVLSLIGLIIAGFFMMTSKSARQSN...VGDVVQETTNAKLERKETSTETKKKQQKE..ETKSQKILASE   80
NTDB id 521 SMSK321 RS04960 WP 000443804.1   .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVK...ETNLQAEVV..AIS.KDSSTEK.........DVKKEEKEEPV   69
NTDB id 493 SM12261 RS04300 WP 000387351.1   .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVV..AVS.KDSVSEK.........EVKKEEKEEPL   69
NTDB id 153 SP RS04730 WP 000387344.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVA..AVS.KDSSTEK.........EVKKEEKEEPL   69
NTDB id 263 KZH43 RS04195 WP 000387330.1     .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVA..AVS.KDLVSEK.........EVNKEEKEEPL   69
NTDB id 222 SPD RS04535 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVA..AVS.KDLVSEK.........EVNKEEKEEPL   69
NTDB id 188 SPR RS04295 WP 000387330.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK...ETNLQAEVA..AVS.KDLVSEK.........EVNKEEKEEPL   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 67262 SITYG RS05470 WP 096362893.1   ELEFLTVDVKGAVKNPGIYQLKKTSRINDAIQKAGGLTTDADSKSINLAQKLTDEAVIYVAAMGENVTNAASNNGQTLTKDTNGT   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 67262 SITYG RS05470 WP 096362893.1   AAQKGNKVNLNKANLSDLQSISGIGQKRAQDILDYREANGKFNSVDDLKNVSGVGAKTLEKLKEYVTVD   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                                    *  ****!*!*!*!****!****!*!*!*!*!****!***!*!*!***!**!!!*!*!!**!********
```

X non conserved

X similar

X ≥50% conserved