```
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 66561 SCSC RS03985 WP 006269533.1   MLEVIITKIKEYKILVGLSLIGLIIAGFFLMTSKSARQSN.....VGDIAQEATNAKLERKETSTETKKKQQKEETESQKNLASE   80
NTDB id 521 SMSK321 RS04960 WP 000443804.1  .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVK.....ETNLQAEVV..AIS.KDSSTEKD..V.....KKEEKEEPV   69
NTDB id 493 SM12261 RS04300 WP 000387351.1  .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVV..AVS.KDSVSEKE..V.....KKEEKEEPL   69
NTDB id 153 SP RS04730 WP 000387344.1       .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDSSTEKE..V.....KKEEKEEPL   69
NTDB id 263 KZH43 RS04195 WP 000387330.1    .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDLVSEKE..V.....NKEEKEEPL   69
NTDB id 222 SPD RS04535 WP 000387330.1      .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.KDLVSEKE..V.....NKEEKEEPL   69
NTDB id 188 SPR RS04295 WP 000387330.1      .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVK.....ETNLQAEVA..AVS.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      NKNEIMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDSPTGS.SVSNQI   149
NTDB id 66561 SCSC RS03985 WP 006269533.1   ELEFLTVDVKGAVKNPGIYQLKKTSRINDAIQKAGGLTTDADSKSINLAQKLTDEAVIYVATMGENVTNAASNNGQTLTTDTDGT   165
NTDB id 521 SMSK321 RS04960 WP 000443804.1  EQDLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTGSGAP.......S   147
NTDB id 493 SM12261 RS04300 WP 000387351.1  EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAGPGTA.......S   147
NTDB id 153 SP RS04730 WP 000387344.1       EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGSGTA.......S   147
NTDB id 263 KZH43 RS04195 WP 000387330.1    EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGTA.......S   147
NTDB id 222 SPD RS04535 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGTA.......S   147
NTDB id 188 SPR RS04295 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGTA.......S   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 66561 SCSC RS03985 WP 006269533.1   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                                   *  ****!*!*!*!****!****!*!*!*!*!****!***!*!*!***!***!!*!*!!**!********
```

X non conserved

X similar

X $\geq$ 50% conserved