```
logo
NTDB id 595 KW2 RS08725 WP 021037687.1        .MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSV..E..........NLSSSSTKSS.......VSKFNS   60
NTDB id 300 STER RS07485 WP 011681496.1       MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDV.......TALSTSSSKQSSQSLSEASSQSKT   73
NTDB id 1120009 EL079 RS02575 WP 003031685.1  MLETIIEKMKEYKILIGLSLIGLIIAGFFMINGQSSRRSNVAELAQETVTSSEAELEEISTGTKKNS.....QKEKAEPQ   75
NTDB id 521 SMSK321 RS04960 WP 000443804.1    .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVKETNLQAEVVAISK........D..SST.....EKDVKKEE   64
NTDB id 493 SM12261 RS04300 WP 000387351.1    .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVVAVSK........D..SVS.....EKEVKKEE   64
NTDB id 153 SP RS04730 WP 000387344.1         .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSK........D..SST.....EKEVKKEE   64
NTDB id 263 KZH43 RS04195 WP 000387330.1      .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSK........D..LVS.....EKEVNKEE   64
NTDB id 222 SPD RS04535 WP 000387330.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSK........D..LVS.....EKEVNKEE   64
NTDB id 188 SPR RS04295 WP 000387330.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSK........D..LVS.....EKEVNKEE   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 1120009 EL079 RS02575 WP 003031685.1  TSSSEESEFLTVDVKGAVKNPGIYQLKKTSRINDAIQKAGGLMTDADSKSINLAQKLTDEAVVYVATMGENAAS.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       GQVSDK..GGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
NTDB id 1120009 EL079 RS02575 WP 003031685.1  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 ≥50% conserved