```
logo

NTDB id 613 LCA RS05340 WP 231952379.1          MMWQDYWQRYRRFWWVPCLVLLGIIAGGFYWHQSQQKQKVTQN...EQLLATSA..SKTKPATKKTHQAATKKKGGFVDI   75
NTDB id 595 KW2 RS08725 WP 021037687.1          ..MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSVEN..LSSS..STKSSVSKFNSSSSEKNKNEIMVDL   74
NTDB id 521 SMSK321 RS04960 WP 000443804.1      ..MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVKETNLQAEVVAISKDSSTEKDVKKEEKEEPVEQDLITVDV   78
NTDB id 493 SM12261 RS04300 WP 000387351.1      ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVVAVSKDSVSEKEVKKEEKEEPLEQDLITVDV   78
NTDB id 153 SP RS04730 WP 000387344.1           ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDSSIEKEVKKEEKEEPLEQDLITVDV   78
NTDB id 1126108 E0F32 RS04500 WP 024477778.1    ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVKKEEKEEPLEQDLITVDV   78
NTDB id 263 KZH43 RS04195 WP 000387330.1        ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVNKEEKEEPLEQDLITVDV   78
NTDB id 222 SPD RS04535 WP 000387330.1          ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVNKEEKEEPLEQDLITVDV   78
NTDB id 188 SPR RS04295 WP 000387330.1          ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVNKEEKEEPLEQDLITVDV   78
consensus                                         ************************!!*************************!** ********************!!*

logo

NTDB id 613 LCA RS05340 WP 231952379.1          KGAVVYPGIYPTTVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSERTQE  155
NTDB id 595 KW2 RS08725 WP 021037687.1          KGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTD................  138
NTDB id 521 SMSK321 RS04960 WP 000443804.1      KGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTG................  142
NTDB id 493 SM12261 RS04300 WP 000387351.1      KGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAG................  142
NTDB id 153 SP RS04730 WP 000387344.1           KGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG................  142
NTDB id 1126108 E0F32 RS04500 WP 024477778.1    KGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG................  142
NTDB id 263 KZH43 RS04195 WP 000387330.1        KGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG................  142
NTDB id 222 SPD RS04535 WP 000387330.1          KGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG................  142
NTDB id 188 SPR RS04295 WP 000387330.1          KGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG................  142
consensus                                       !!!!**!**!***** *!*******!!!*!**!!*!**!!**!**!****!*!**!!********

logo

NTDB id 613 LCA RS05340 WP 231952379.1          QASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN  235
NTDB id 595 KW2 RS08725 WP 021037687.1          SPTGSSVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID  218
NTDB id 521 SMSK321 RS04960 WP 000443804.1      SGAP......SSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD  216
NTDB id 493 SM12261 RS04300 WP 000387351.1      PGTA......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD  216
NTDB id 153 SP RS04730 WP 000387344.1           SGTA......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 1126108 E0F32 RS04500 WP 024477778.1    LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 263 KZH43 RS04195 WP 000387330.1        LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 222 SPD RS04535 WP 000387330.1          LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 188 SPR RS04295 WP 000387330.1          LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
consensus                                        ***       *!*****!***!*!****!****!*!*!*!**!!**!***!*!!****!*!!*!*!*!!*!*!*******
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X non conserved

X similar

X $\geq$ 50% conserved