```
logo

NTDB id 613 LCA RS05340 WP 231952379.1      MMWQDYWQRYRRFWWVPCLVLLGIIAGGFYWHQSQQKQKVTQN.EQLLATSASKTKP....ATKKTHQAATKKKGGFVDIKGAVV   80
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ..MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVKETNLQAEVVAISKDSSTEKDVKKEEKEEPVEQDLITVDVKGAVK   83
NTDB id 493 SM12261 RS04300 WP 000387351.1  ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVVAVSKDSVSEKEVKKEEKEEPLEQDLITVDVKGAVK   83
NTDB id 153 SP RS04730 WP 000387344.1       ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDSSTEKEVKKEEKEEPLEQDLITVDVKGAVK   83
NTDB id 263 KZH43 RS04195 WP 000387330.1    ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVNKEEKEEPLEQDLITVDVKGAVK   83
NTDB id 222 SPD RS04535 WP 000387330.1      ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVNKEEKEEPLEQDLITVDVKGAVK   83
NTDB id 188 SPR RS04295 WP 000387330.1      ..MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVNKEEKEEPLEQDLITVDVKGAVK   83
NTDB id 93700 LLL8 RS08925 WP 058203544.1   ..MDKILEKVKEYWKMIVLIVCGLIAGGIFYVLTNGQKPTTNLSVENL.SSVSRQSSV...SKFSEP.NEKSVSKIMVDLKGAVT   78
NTDB id 595 KW2 RS08725 WP 021037687.1      ..MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSVENL.SSSSTKSSV...SKFNSSSSSEKNKNEIMVDLKGAVA   79
consensus                                   ***********************!!********************  **!***  ******************!!*!!!!*

logo

NTDB id 613 LCA RS05340 WP 231952379.1      YPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSERTQEQASTGTSANA  165
NTDB id 521 SMSK321 RS04960 WP 000443804.1  SPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTGS...............GAPSS....  148
NTDB id 493 SM12261 RS04300 WP 000387351.1  SPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAGP...............GTASS....  148
NTDB id 153 SP RS04730 WP 000387344.1       SPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGS...............GTASS....  148
NTDB id 263 KZH43 RS04195 WP 000387330.1    SPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGL...............GTASS....  148
NTDB id 222 SPD RS04535 WP 000387330.1      SPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGL...............GTASS....  148
NTDB id 188 SPR RS04295 WP 000387330.1      SPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGL...............GTASS....  148
NTDB id 93700 LLL8 RS08925 WP 058203544.1   KPNVYQISPD.ERLVDLIKEAGGFTDQADQKSINLSAKLKDEEVIYVPKIGENSSTENTDS...............SANSVTS.Q  146
NTDB id 595 KW2 RS08725 WP 021037687.1      KPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDS...............PTGSSVSNQ  148
consensus                                   *!**!***** *!*******!!!*!**!!*!**!!**!**!****!*!**!!** *****                      *****

logo

NTDB id 613 LCA RS05340 WP 231952379.1      SSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN  235
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ..TSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD  216
NTDB id 493 SM12261 RS04300 WP 000387351.1  ..TSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD  216
NTDB id 153 SP RS04730 WP 000387344.1       ..TSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 263 KZH43 RS04195 WP 000387330.1    ..ISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 222 SPD RS04535 WP 000387330.1      ..ISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 188 SPR RS04295 WP 000387330.1      ..ISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 93700 LLL8 RS08925 WP 058203544.1   V.STTTEKININQADVTELQKLTGVGQKKAQDIIDFRTKNGDFKSLEDLGKVSGFGDKTLEKLKDELCFE  215
NTDB id 595 KW2 RS08725 WP 021037687.1      ISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID  218
consensus                                   *****!***!*!****!****!*!*!*!**!!**!***!*!!****!*!!*!*!*!!*!*!*******
```

X non conserved

X similar

X ≥50% conserved