```
logo
NTDB id 613 LCA RS05340 WP 231952379.1          ....MMWQDYWQRYRR.FWWVPCLVLLGIIAG.GFYWHQSQQKQKVTQNEQLLATSA......SKTKPATKKTHQAATKK    68
NTDB id 153 SP RS04730 WP 000387344.1           ......MEAIIEKIKEYKIIVICTGLGLLVG..GFFLLKPAPQTPVKETN.LQAEVAAVSKDSSTEKEVKKEEKEEPLEQ    71
NTDB id 1030780 AB3D65 RS03905 WP 020956097.1  MTKAMMTERLRR..NL.KILGACLVAGAVFIC..IWLFRSEKEEPVKQQS.VLGQTA...........SASVADKKDTAD    63
NTDB id 105 BSU 25590 NP 390437.1               ......MNWLNQ..HKKAIIL..AASAAVFTAIMIFLATGKNKEPVKQAV.PTETEN.........TVVKQEANNDESN    59
consensus                                           **** * ** ** **** ********* * ** ** ****!***  ******      *  * * * * * ** *

logo
NTDB id 613 LCA RS05340 WP 231952379.1          KGGFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIAT   148
NTDB id 153 SP RS04730 WP 000387344.1           DLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ..........   140
NTDB id 1030780 AB3D65 RS03905 WP 020956097.1  DKIMIDVKGAVRNPGVYEMKAG.DRVTQAIEKAGGLKKKADELNVNLAEQLQDGTIVYIPSEGEEENRPK..........   132
NTDB id 105 BSU 25590 NP 390437.1               ETIVIDIKGAVQHPGVYEMRTG.DRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQ..........   128
consensus                                       * ***!*!!!!* !!*!***** *!*******!!!****!!****!!! ***!****!*!**!!*    **

logo
NTDB id 613 LCA RS05340 WP 231952379.1          TSERTQEQASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQL   228
NTDB id 153 SP RS04730 WP 000387344.1           ..........TGSGTASST.SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKL   209
NTDB id 1030780 AB3D65 RS03905 WP 020956097.1  ..........TAAG.....EKENAAVNINTASLDELQAISGVGQKKAEAIIAYREEKGRFQTAEDLMNVSGFGEKSFERI   197
NTDB id 105 BSU 25590 NP 390437.1               ..........GGGGSVQSDGGKGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKI   198
consensus                                                ** **  ** ** *****!*!****!****!*!***!**!!**!***!*!  ***** *!*!*!*!**!**

logo
NTDB id 613 LCA RS05340 WP 231952379.1          QSQICVN   235
NTDB id 153 SP RS04730 WP 000387344.1           KDYVTVD   216
NTDB id 1030780 AB3D65 RS03905 WP 020956097.1  KTSITVK   204
NTDB id 105 BSU 25590 NP 390437.1               KSSITVK   205
consensus                                       *****!*
```

X non conserved

X similar

X $\geq$ 50% conserved