```
logo
NTDB id 153 SP RS04730 WP 000387344.1          ....MEAIIEKIKEYKIIVICTGLGLLVGG..FFLLKPAPQTPVKETNLQAEVAAVSKDSSTEKEVKKEEKEEPLEQDLI   74
NTDB id 521 SMSK321 RS04960 WP 000443804.1     ....MESIIEKIKEYKIIVICTGLGLLVGG..FFLLKPAPHTPVKETNLQAEVVAISKDSSTEKDVKKEEKEEPVEQDLI   74
NTDB id 370380 BvL003 RS12040 WP 146277193.1  MTKAMMTERLRRN.LKILGACLAAGAVFIC..IWLFRSEKEEPVKQQSVLGQTA...........SASVADKKDTADDKI   66
NTDB id 105 BSU 25590 NP 390437.1              ......MNWLNQHKKAIIL..AASAAVFTAIMIFLATGKNKEPVKQAVPTETEN..........TVVKQEANNDESNETI   62
consensus                                          ***** ******!******** * **    *!*****  !!! ***********************************!

logo
NTDB id 153 SP RS04730 WP 000387344.1          TVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGSGTASST.SKEK   153
NTDB id 521 SMSK321 RS04960 WP 000443804.1     TVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTGSGAPSST.SKDK   153
NTDB id 370380 BvL003 RS12040 WP 146277193.1  MIDVKGAVRNPGVYEMKAGDRVTQAIEKAGGLKKKADELNVNLAEQLRDGTIVYIPSEGEEENHPKTAAGE.....KENA   141
NTDB id 105 BSU 25590 NP 390437.1              VIDIKGAVQHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGGGGSVQSDGGKGA   142
consensus                                      **!*!!!!**!!*!****! !!* !* !!!!****!! ***!!! ***!  *!!*!**!!!********!* *** ***

logo
NTDB id 153 SP RS04730 WP 000387344.1          KVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 521 SMSK321 RS04960 WP 000443804.1     KINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 370380 BvL003 RS12040 WP 146277193.1  AVNINTASLDELQAISGVGQKKAEAIIAYREENGRFQTAEDLMNVSGFGEKSFERIKTSITVK   204
NTDB id 105 BSU 25590 NP 390437.1              LVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
consensus                                      **!*! !*!*!! ** !*!***!  !! *!! !!*! *******!!!*!*!* !**!* *!!
```

X non conserved

X similar

X $\geq$ 50% conserved