```
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 241339 CHN56 RS18635 WP 013352942.1   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 241339 CHN56 RS18635 WP 013352942.1   MIDVKGAVRNPGVYEMKAGDRVTQAIEKAGGLKKKADELNVNLAEQLQDGTIVYIPSEGEEENHPKTAAGE.....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 241339 CHN56 RS18635 WP 013352942.1   AVNINTASLDELQAISGVGQKKAEAIIAYREENGRFQTAEDLMNVSGFGEKSFERIKTSITVK   204
NTDB id 105 BSU 25590 NP 390437.1              LVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
consensus                                      **!*! !*!*!! ** !*!***!  !! *!! !!*! *******!!!*!*!* !**!* *!!
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X non conserved

X similar

X $\geq$ 50% conserved