```
logo

NTDB id 153 SP RS04730 WP 000387344.1          .MEAII..EKIKEYKIIVICTGLGLLVGG..FFLLKPAPQTPVKETNLQAEVAAVSKDSSTEKEVKKEEKEEPLEQDLIT   75
NTDB id 521 SMSK321 RS04960 WP 000443804.1     .MESII..EKIKEYKIIVICTGLGLLVGG..FFLLKPAPHTPVKETNLQAEVVAISKDSSTEKDVKKEEKEEPVEQDLIT   75
NTDB id 371594 CXB71 RS13285 WP 015387983.1    MTKAMMTERMRRNLKILGACLAAGAVFIC..IWLFRSEKEEPVKQQSVLGQTA...........SASVADKKDTADDKIM   67
NTDB id 105 BSU 25590 NP 390437.1              .....MNWLNQHKKAIIL..AASAAVFTAIMIFLATGKNKEPVKQAVPTETEN..........TVVKQEANNDESNETIV   63
consensus                                       *****  *******!******** * **   *!*****  !!! ***********************************!*

logo

NTDB id 153 SP RS04730 WP 000387344.1          VDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGSGTASST.SKEKK   154
NTDB id 521 SMSK321 RS04960 WP 000443804.1     VDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTGSGAPSST.SKDKK   154
NTDB id 371594 CXB71 RS13285 WP 015387983.1    IDVKGAVRNPGVYEMKAGDRVTQAIEKAGGLKKKADELNVNLAEQLQDGTIVYIPSEGEEENRPKTAVG.....EKENAA   142
NTDB id 105 BSU 25590 NP 390437.1              IDIKGAVQHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGGGGSVQSDGGKGAL   143
consensus                                      *!*!!!!**!!*!****** !!* !* !!!!****!! ***!!! ** !  *!!*!**!!!********!* *** *** *

logo

NTDB id 153 SP RS04730 WP 000387344.1          VNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 521 SMSK321 RS04960 WP 000443804.1     INLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 371594 CXB71 RS13285 WP 015387983.1    VNINTASLDELQAISGVGQKKAEAIIAYREENGRFQTAEDLMNVSGFGEKSFERIKTSITVK   204
NTDB id 105 BSU 25590 NP 390437.1              VNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
consensus                                      *!*! !*!*!! ** !*!***!  !! *!! !!*! *******!!!*!*!* !**!* *!!
```

X non conserved

X similar

X $\geq$ 50% conserved