```
logo
NTDB id 153 SP RS04730 WP 000387344.1        .MEAII..EKIKEYKIIVICTGLGLLVGG..FFLLKPAPQTPVKETNLQAEVAAVSKDSSTEKEVKKEEKEEPLEQDLITVDVKG   80
NTDB id 521 SMSK321 RS04960 WP 000443804.1  .MESII..EKIKEYKIIVICTGLGLLVGG..FFLLKPAPHTPVKETNLQAEVVAISKDSSTEKDVKKEEKEEPVEQDLITVDVKG   80
NTDB id 56093 KSO RS07230 WP 015387983.1    MTKAMMTERMRRNLKILGACLAAGAVFIC..IWLFRSEKEEPVKQQSVLGQTA...........SASVADKKDTADDKIMIDVKG   72
NTDB id 105 BSU 25590 NP 390437.1           .....MNWLNQHKKAIIL..AASAAVFTAIMIFLATGKNKEPVKQAVPTETEN..........TVVKQEANNDESNETIVIDIKG   68
consensus                                    *****  *******!******** * **   *!*****  !!! ***********************************!**!*!!

logo
NTDB id 153 SP RS04730 WP 000387344.1        AVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGSGTASST.SKEKKVNLNKASLEE   164
NTDB id 521 SMSK321 RS04960 WP 000443804.1  AVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTGSGAPSST.SKDKKINLNKASLEE   164
NTDB id 56093 KSO RS07230 WP 015387983.1    AVRNPGVYEMKAGDRVTQAIEKAGGLKKKADELNVNLAEQLQDGTIVYIPSEGEEENRPKTAVG.....EKENAAVNINTASLDE   152
NTDB id 105 BSU 25590 NP 390437.1           AVQHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGGGGSVQSDGGKGALVNINTATLEE   153
consensus                                   !!**!!*!****! !!* !* !!!!****!! ***!!! ** !  *!!*!**!!!********!* *** *** **!*! !*!*!

logo
NTDB id 153 SP RS04730 WP 000387344.1        LKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 521 SMSK321 RS04960 WP 000443804.1  LKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 56093 KSO RS07230 WP 015387983.1    LQAISGVGQKKAEAIIAYREENGRFQTAEDLMNVSGFGEKSFERIKTSITVK   204
NTDB id 105 BSU 25590 NP 390437.1           LQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
consensus                                   ! ** !*!***!  !! *!! !!*! *******!!!*!*!* !**!* *!!
```

X non conserved

X similar

X $\geq$ 50% conserved