```
logo

NTDB id 971696 WOC54 RS05420 WP 001631035.1  MKQLKKKRIGLYARVSTEMQ.TDGYSIQGQLNQLTEYCQFQGYEVVNEYTDRGISGKTMQRPELQRMLKDANEGKLDCIM   79
NTDB id 11 SA RS00430 WP 001186602.1         MQQLKTKRVGIYVRVSTEMQSTEGYSIDGQINQIKEYCDFHHFEVKDIYADRGISGKSMNRPELQRILKDAKEGYIDCVM   80
consensus                                    ! !!! !!*!*! !!!!!!!*!*!!!! !!*!!* !!! !***!!   ! !!!!!!!*!*!!!!!!*!!!! !! *!!*!

logo

NTDB id 971696 WOC54 RS05420 WP 001631035.1  VYKTNRLARNTSDLLNIVEELYKINVEFFSLTEKIEIASSTGKLMLQILASFAEFERNTIVENVYNGQRQRAIEGYYQGN  159
NTDB id 11 SA RS00430 WP 001186602.1         VYKTNRLARNTSDLLKIVEDLHKQNVEFFSLSERMEVNTSSGKLMLQILASFSEFERNNIVENVFMGQTRRAQEGYYQGN  160
consensus                                    !!!!!!!!!!!!!!! !!!*!*! !!!!!!!*!**!* *!*!!!!!!!!!!! !!!!! !!!!!* !!  !! !!!!!!!

logo

NTDB id 971696 WOC54 RS05420 WP 001631035.1  LPLGYDKVPDSKKELMINQHEANIVKYIFDSYAKGHGYRKIANALNHKGYVTKKGKPFSISSITYIISNPFYIGKIQFAK  239
NTDB id 11 SA RS00430 WP 001186602.1         LPLGYDKIPNSKHELMINQHEANIVKYIFESYAKGHGYRKIANALNHKGYVTKKGKPFSISSITYILANPFYIGKIQFAK  240
consensus                                    !!!!!!!*! !!*!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!!!!

logo

NTDB id 971696 WOC54 RS05420 WP 001631035.1  YRHWSDKRRKGLNEEPIIADGKHAPIIDRNLWDKVQFKRQESRKKPQVHGKGTNLLTGIVKCPKCGAAMAASNTTNTLKD  319
NTDB id 11 SA RS00430 WP 001186602.1         YKDWSEKRRKGLNDKPVIAEGKHSPIINQDLWDKVQMRKKQVSQKPQVHGKGTNLLTGIIHCPQCGAPMAASNTTNTLKD  320
consensus                                    !**!!*!!!!!!!* !*!!*!!! !!!   !!!!!! **     !!!!!!!!!!!!!!!!**!! !!!*!!!!!!!!!!!!

logo

NTDB id 971696 WOC54 RS05420 WP 001631035.1  GTKKRIRYYSCSNFRNKGSKVCSANSVRADVLEKYVMDQILEIIKSKKVLKQLVEKVNEKSQIDVSSLNHDIAYKQSQCE  399
NTDB id 11 SA RS00430 WP 001186602.1         GTKKRIRYYSCSNFRNKGSKVCSANSVRADVIEDYVMKQILEIVKSDKVIQRVVTHVNQENQVDGAALHHDIAYKQQQYD  400
consensus                                    !!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved