logo

```
NTDB id 73565 FNL83 RS00185 WP 001631035.1   MKQLKKKRIGLYARVSTEMQ.TDGYSIQGQLNQLTEYCQFQGYEVVNEYTDRGISGKTMQRPELQRMLKDANEGKLDCIMVYKTN   84
NTDB id 11 SA RS00430 WP 001186602.1         MQQLKTKRVGIYVRVSTEMQSTEGYSIDGQINQIKEYCDFHHFEVKDIYADRGISGKSMNRPELQRILKDAKEGYIDCVMVYKTN   85
consensus                                    ! !!! !!*!*! !!!!!!!*!*!!!! !!*!!* !!! !***!!   ! !!!!!!!*!*!!!!!!*!!!! !! *!!*!!!!!!
```

logo

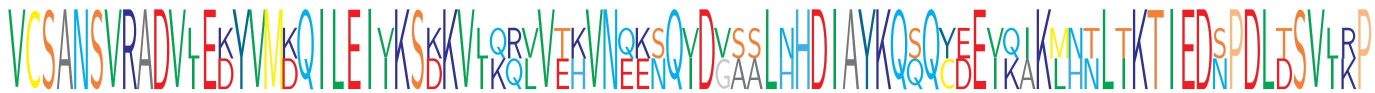
```
NTDB id 73565 FNL83 RS00185 WP 001631035.1   RLARNTSDLLNIVEELYKINVEFFSLTEKIEIASSTGKLMLQILASFAEFERNTIVENVYNGQRQRAIEGYYQGNLPLGYDKVPD   169
NTDB id 11 SA RS00430 WP 001186602.1         RLARNTSDLLKIVEDLHKQNVEFFSLSERMEVNTSSGKLMLQILASFSEFERNNIVENVFMGQTRRAQEGYYQGNLPLGYDKIPN   170
consensus                                    !!!!!!!!!! !!!*!*! !!!!!!!*!**!* *!*!!!!!!!!!!! !!!!! !!!!!* !!  !! !!!!!!!!!!!!!!*!
```

logo

```
NTDB id 73565 FNL83 RS00185 WP 001631035.1   SKKELMINQHEANIVKYIFDSYAKGHGYRKIANALNHKGYVTKKGKPFSISSITYIISNPFYIGKIQFAKYRHWSDKRRKGLNEE   254
NTDB id 11 SA RS00430 WP 001186602.1         SKHELMINQHEANIVKYIFESYAKGHGYRKIANALNHKGYVTKKGKPFSISSITYILANPFYIGKIQFAKYKDWSEKRRKGLNDK   255
consensus                                    !!*!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!!!!!**!!*!!!!!!!*
```

logo

```
NTDB id 73565 FNL83 RS00185 WP 001631035.1   PIIADGKHAPIIDRNLWDKVQFKRQESRKKPQVHGKGTNLLTGIVKCPKCGAAMAASNTTNTLKDGTKKRIRYYSCSNFRNKGSK   339
NTDB id 11 SA RS00430 WP 001186602.1         PVIAEGKHSPIINQDLWDKVQMRKKQVSQKPQVHGKGTNLLTGIIHCPQCGAPMAASNTTNTLKDGTKKRIRYYSCSNFRNKGSK   340
consensus                                    !*!!*!!! !!!   !!!!!! **     !!!!!!!!!!!!!!!**!! !!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo 

```
NTDB id 73565 FNL83 RS00185 WP 001631035.1   VCSANSVRADVLEKYVMDQILEIIKSKKVLKQLVEKVNEKSQIDVSSLNHDIAYKQSQCEEIKAKMHTLTKTIEDSPDLDSVLKP   424
NTDB id 11 SA RS00430 WP 001186602.1         VCSANSVRADVIEDYVMKQILEIVKSDKVIQRVVTHVNQENQVDGAALHHDIAYKQQQYDEVQIKLNNLIKTIEDNPDLTSVIRP   425
consensus                                    !!!!!!!!!!!*! !!! !!!!!*!! !!*  *! *!!   !*!   !*!!!!!!! !**!*  !** ! !!!!! !!! !!**!
```

logo

```
NTDB id 73565 FNL83 RS00185 WP 001631035.1   TILSYQDELNQINNQIYQLEQDKQAEAPHYDADMIANVLQAIFKDIDKLEKSQLKSLYLTIIDRIDIRKDEHHKKQFYVTLKLNN   509
NTDB id 11 SA RS00430 WP 001186602.1         SIQKYEKQLNDITNQINQLKNQQNEDKPLFDAKEISKLLQHIFHDIKHIEKSRLKALYLSVIDRIDIKKDGNHKKQFYVTLKLNN   510
consensus                                    *!  !   !! ! !!! !! *  * * !**!!  !  *!!*!!*!! **!!! !! !!!**!!!!!!*!! *!!!!!!!!!!!!!
```

logo

```
NTDB id 73565 FNL83 RS00185 WP 001631035.1   DIIKQLFNNHPLDEVLPSTSSLFLPQTLYITIE   542
NTDB id 11 SA RS00430 WP 001186602.1         EIIKQLFNNKQLDEVHLSTSSLFLPQTLYLTI.   542
consensus                                    *!!!!!!!!**!!!!**!!!!!!!!!!!!*!!*
```

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