logo

```
NTDB id 64995 F779 RS00710 WP 001186596.1  MQQLKQKRVGIYVRVSTEIQSTEGYSIDGQINQIREYCDFNNFVVVDVYADRGISGKSMNRPELQRLLKDANEGQIDSVMVYKTN  85
NTDB id 11 SA RS00430 WP 001186602.1       MQQLKTKRVGIYVRVSTEMQSTEGYSIDGQINQIKEYCDFHHFEVKDIYADRGISGKSMNRPELQRILKDAKEGYIDCVMVYKTN  85
consensus                                  !!!!! !!!!!!!!!!!!*!!!!!!!!!!!!!!!*!!!!!**! ! !*!!!!!!!!!!!!!!!!!!*!!!! !! !!*!!!!!!!
```

logo

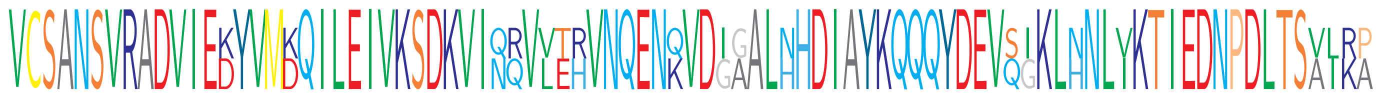
```
NTDB id 64995 F779 RS00710 WP 001186596.1  RLARNTSDLLKIVEDLHRQNVEFFSLSERMEVNTSSGKLMLQILASFSEFERNNIVENVFMGQTRRAQEGYYQGNLPLGYDKIPD  170
NTDB id 11 SA RS00430 WP 001186602.1       RLARNTSDLLKIVEDLHKQNVEFFSLSERMEVNTSSGKLMLQILASFSEFERNNIVENVFMGQTRRAQEGYYQGNLPLGYDKIPN  170
consensus                                  !!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! 
```

logo

```
NTDB id 64995 F779 RS00710 WP 001186596.1  SKHELMINQHEANIVKYIFESYAKGHGYRKIANALNHKGYVTKKGKPFSIGSVTYILSNPFYVGKIQFAKYKDWNEKRRKGLNDK  255
NTDB id 11 SA RS00430 WP 001186602.1       SKHELMINQHEANIVKYIFESYAKGHGYRKIANALNHKGYVTKKGKPFSISSITYILANPFYIGKIQFAKYKDWSEKRRKGLNDK  255
consensus                                  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !*!!!! !!!!*!!!!!!!!!!! !!!!!!!!!!
```

logo

```
NTDB id 64995 F779 RS00710 WP 001186596.1  PIIAEGKHSPIIIQDLWDKVQLRKKQVSQKPQVHGKGTNLLTGIVHCPQCGAPMAASNTTNTLKDGTKKRIRYYSCSNFRNKGSK  340
NTDB id 11 SA RS00430 WP 001186602.1       PVIAEGKHSPIINQDLWDKVQMRKKQVSQKPQVHGKGTNLLTGIIHCPQCGAPMAASNTTNTLKDGTKKRIRYYSCSNFRNKGSK  340
consensus                                  !*!!!!!!!!!! !!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo 

```
NTDB id 64995 F779 RS00710 WP 001186596.1  VCSANSVRADVIEKYVMDQILEIVKSDKVINQVLERVNQENKVDIGALNHDIAYKQQQYDEVSGKLHNLVKTIEDNPDLTSALKA  425
NTDB id 11 SA RS00430 WP 001186602.1       VCSANSVRADVIEDYVMKQILEIVKSDKVIQRVVTHVNQENQVDGAALHHDIAYKQQQYDEVQIKLNNLIKTIEDNPDLTSVIRP  425
consensus                                  !!!!!!!!!!!!! !!! !!!!!!!!!!!!* !* *!!!!! !! *!!*!!!!!!!!!!!!!  !!*!!*!!!!!!!!!!! ***
```

logo

```
NTDB id 64995 F779 RS00710 WP 001186596.1  TIHQYETQLNDITNQMNQLKQQQNQEKLSYDTKQIAALLQRIFQNIESMDKAQLKALYLTVIDRIDIRKDGNHKKQFYVTLKLNN  510
NTDB id 11 SA RS00430 WP 001186602.1       SIQKYEKQLNDITNQINQLKNQQNEDKPLFDAKEISKLLQHIFHDIKHIEKSRLKALYLSVIDRIDIKKDGNHKKQFYVTLKLNN  510
consensus                                  *!* !! !!!!!!!!*!!!!*!!! *!* *! ! !  !!!*!!* ! ***!  !!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 64995 F779 RS00710 WP 001186596.1  EIIKQLFNNTPLDEVLLSTSSLFLPQTLFLQI  542
NTDB id 11 SA RS00430 WP 001186602.1       EIIKQLFNNKQLDEVHLSTSSLFLPQTLYLTI  542
consensus                                  !!!!!!!!! *!!!!*!!!!!!!!!!!!*! !
```

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