```
logo

NTDB id 29229 C8J RS05650 WP 002866164.1  MKIFIHLPTWLGDAVMASPALYAIKEHFKNTQFILYGSLVSTALFREFPNSKIIIENKQTRYKQALSLRKELGKIDLSFAFRSAF   85
NTDB id 1241 Cj1148 YP 002344539.1        MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFAFRSAF   85
consensus                                 !!!!!!!!!!!!! !!!!!!!! !!!!!!  !!!!!!! !!!!!!*!!!!!!!!!!!!! *!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 29229 C8J RS05650 WP 002866164.1  SSKIILHILKTKQRYFFDKNKHKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILKNGKKILGLNPGASFGSAKRWDA   170
NTDB id 1241 Cj1148 YP 002344539.1        SSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGASFGSAKRWDA   170
consensus                                 !!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 29229 C8J RS05650 WP 002866164.1  SYFAKVALNFSQSHEILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDSGPMHISTVYKIKTVA   255
NTDB id 1241 Cj1148 YP 002344539.1        SYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDSGPMHLSAVYKVKTVA   255
consensus                                 !!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 29229 C8J RS05650 WP 002866164.1  IFGPTKFTQTSPWQNQNAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEEIKKLSTP...   316
NTDB id 1241 Cj1148 YP 002344539.1        IFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL   319
consensus                                 !!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  ! !  ****
```

X non conserved

X similar

X $\geq$ 50% conserved