```
logo

NTDB id 1123403 EL222 RS05920 WP 002852903.1  MKIFIHLPTWLGDAVMASPALYTIKEHFKNAQFILYGSLVSTALFKEFPNSKIIIENKQSRYKQALSLRKKLGKIDFSFA   80
NTDB id 1241 Cj1148 YP 002344539.1            MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFA   80
consensus                                     !!!!!!!!!!!!!! !!!!!!!!!!!!!!!! !!!!!!!! !!!!!!!!!!!!!!!!!!!! !!!!!!!!!!! !!!!! !!!

logo

NTDB id 1123403 EL222 RS05920 WP 002852903.1  FRSAFSSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLYLRNGKKILGLNPGA   160
NTDB id 1241 Cj1148 YP 002344539.1            FRSAFSSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGA   160
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1123403 EL222 RS05920 WP 002852903.1  SFGSAKRWDASYFAKVALNFSQSHEILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS   240
NTDB id 1241 Cj1148 YP 002344539.1            SFGSAKRWDASYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS   240
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1123403 EL222 RS05920 WP 002852903.1  GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNQNAKLVHLDLACMPCMQKICPLKHHKCMKDLKPQRVIEEARNLLKNPHL   319
NTDB id 1241 Cj1148 YP 002344539.1            GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL   319
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!! !!!!!!!!!!!!!! *!!! !*!!!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved