```
logo

NTDB id 365619 FBF06 RS06595 WP 032586265.1  MKIFIHLPTWLGDAVMASLALYAIKEHFKNAQFILYGSLVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDFSFA   80
NTDB id 1241 Cj1148 YP 002344539.1           MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFA   80
consensus                                    !!!!!!!!!!!!! !!!!*!!! !!!!!! !!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 365619 FBF06 RS06595 WP 032586265.1  FRSAFSSKIILHILKTKQRYFFDKNKHKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLVLKNGKKILGINPGA  160
NTDB id 1241 Cj1148 YP 002344539.1           FRSAFSSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGA  160
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 365619 FBF06 RS06595 WP 032586265.1  SFGSAKRWDASYFAKVALNFSQSHEILIFGAGKVEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
NTDB id 1241 Cj1148 YP 002344539.1           SFGSAKRWDASYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 365619 FBF06 RS06595 WP 032586265.1  GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNQNAKLVHLDLACMPCMQKICPLKHHKCMKDLKPKRVIEEARNLLKNPHL  319
NTDB id 1241 Cj1148 YP 002344539.1           GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL  319
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!! !!!!!!!!!!!!!! *!!! !*!!!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved