```
logo

NTDB id 76633 CJM129 RS05990 WP 052796949.1  MKIFIHLPTWLGDAVMASLALYAIKEHFKNAQFILYGSLVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDFSFA   80
NTDB id 1241 Cj1148 YP 002344539.1           MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFA   80
consensus                                    !!!!!!!!!!!!! !!!!*!!! !!!!!! !!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 76633 CJM129 RS05990 WP 052796949.1  FRSAFSSKIILHILKTKQRYFFDKNKHKEEHQVLKYLYFIENSLSIKAHSKDLKLPFKLKLQDPLVLKNGKKILGLNPGA  160
NTDB id 1241 Cj1148 YP 002344539.1           FRSAFSSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGA  160
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!! ! !!*!*!!!!!!!!!!!!!

logo

NTDB id 76633 CJM129 RS05990 WP 052796949.1  SFGSAKRWDASYFAKVALNFSQSHEILIFGAGKSEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
NTDB id 1241 Cj1148 YP 002344539.1           SFGSAKRWDASYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 76633 CJM129 RS05990 WP 052796949.1  GPMHISAVYKVKTVAIFGPTKFTQTSPWQNENAILVHLDLACMPCMQKTCPLKHHKCMKDLKPQRVIEEARNLLKNSHR  319
NTDB id 1241 Cj1148 YP 002344539.1           GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL  319
consensus                                    !!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  *!!! !*!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved