logo

```
NTDB id 40130 N149 RS03150 WP 023362005.1  MKIFIHLPTWLGDAVMASPALYGVYHHFKNAEFILYGSFVSTALFKEFPNAKIIVENKKSRYKQTLSLRKKLGKIDLALSFRSAL  85
NTDB id 1241 Cj1148 YP 002344539.1         MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFAFRSAF  85
consensus                                  !!!!!!!!!!!!! !!!!!!!! * *!!! ! !!!!!!!!!!!!!!!!!! !!!*!!! !!!!! !!!!! !!!!!! !!!!
```

logo

```
NTDB id 40130 N149 RS03150 WP 023362005.1  SSKIILHILKAKKRYFFNKYNFKEEHQVLKYLYFIENSLDIKAHSKDLKLPFRLKFQNPIVLKNGKKILGLNPGASFGSAKRWDA  170
NTDB id 1241 Cj1148 YP 002344539.1         SSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGASFGSAKRWDA  170
consensus                                  !!!!!!!!!! ! !!!! !  *!!!!!!!!!!!!!!!!! !!!! !!!!!!*!!!!!**!*!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 40130 N149 RS03150 WP 023362005.1  SYFAQVALNFSKTHEILIFGAGKAEQELCDEIFHILKEKNVKVKNLCNKTTIKTLCQNIVFCDLFITNDSGPMHIAAAYKTKTIA  255
NTDB id 1241 Cj1148 YP 002344539.1         SYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDSGPMHLSAVYKVKTVA  255
consensus                                  !!!! !!!!!! *!*!!!!!!!!!!!!!!! !!**!!!! !*!!!!!!!!!!!!!!!!!! !!!*!!!!!!!!!* ! !! !!*!
```

logo

```
NTDB id 40130 N149 RS03150 WP 023362005.1  IFGPTKFTQTSPWQNQNAKLVHLNLSCMPCMQKTCPLKHHRCMKDLKPEKILEAIQNFT.....  314
NTDB id 1241 Cj1148 YP 002344539.1         IFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL  319
consensus                                  !!!!!!!!!!!!!!! !!!!!!! ! !!!!!!!!!!!!!!!*!!!!!!!!!!**!    !  *****
```

X non conserved

X similar

X ≥ 50% conserved