logo

```
NTDB id 39408 G157 RS03165 WP 021033688.1  MKIFIHLPTWLGDAVMASPALYGVYHHFKNAEFILYGSFVSTALFKEFPNAKIIVENKKSRYKQTLSLRKKLGKIDLALSFRSAL  85
NTDB id 1241 Cj1148 YP 002344539.1         MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFAFRSAF  85
consensus                                  !!!!!!!!!!!!! !!!!!!!! * *!!! ! !!!!!!!!!!!!!!!!!! !!!*!!! !!!!! !!!!! !!!!!! !!!!
```

logo

```
NTDB id 39408 G157 RS03165 WP 021033688.1  SSKIILHILKAKKRYFFNKYNFKEEHQVLKYLYFIENSLDIKAHSKDLKLPFRLKFQNPIVLKNGKKILGLNPGASFGSAKRWDA  170
NTDB id 1241 Cj1148 YP 002344539.1         SSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGASFGSAKRWDA  170
consensus                                  !!!!!!!!!! ! !!!! !  *!!!!!!!!!!!!!!!!! !!!! !!!!!!*!!!!!!**!*!!!!!!!!!!!!!!!!!!!!!!
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logo

```
NTDB id 39408 G157 RS03165 WP 021033688.1  SYFAQVALNFSKTHEILIFGAGKAEQELCDEIFHILKEKNVKVKNLCNKTTIKMLCQNIIFCDLFITNDSGPMHIAAAYKTKTIA  255
NTDB id 1241 Cj1148 YP 002344539.1         SYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDSGPMHLSAVYKVKTVA  255
consensus                                  !!!! !!!!!! *!*!!!!!!!!!!!!!!! !!**!!!! !*!!!!!!!!!!!! !!!!! !!!*!!!!!!!!!!* ! !! !!*!
```

logo

```
NTDB id 39408 G157 RS03165 WP 021033688.1  IFGPTKFTQTSPWQNQNTKLVHLNLACMPCMQKTCPLKHHQCMKDLKPEKILEAIRNFT.....  314
NTDB id 1241 Cj1148 YP 002344539.1         IFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL  319
consensus                                  !!!!!!!!!!!!!!! ! !!!!! !!!!!!!!!!!!!!!!! !!!!!!!!!**!  *!  *****
```

X non conserved
X similar
X ≥ 50% conserved