logo

```
NTDB id 99519 AL479 RS10785 WP 061076085.1   MAFRFWQVGLHIQPHEALAVAVVRGASGWYLQRWWRLPLVQHTINDGHFHDAEQLVAVLQPWSRELPQRHHIHLSFPASR   80
NTDB id 1429 BW25113 RS17590 WP 001295166.1  MAFKIWQIGLHLQQQEAVAVAIVRGAKECFLQRWWRLPLENDIIKDGRIVDAQQLAKTLLPWSRELPQRHHIMLAFPASR   80
consensus                                    !!!* !!*!!!*!**!!*!!!*!!!!  **!!!!!!!!! ** ! !!* *!! !!   ! !!!!!!!!!!!!*! !!!!!
```

logo

```
NTDB id 99519 AL479 RS10785 WP 061076085.1   TRQKRFPRPSMSLREREQTAWLTGSMARELDMESAALRFDYSEDALAPAYTVTAAQDKEISGLLTLAKTLGVNVTAITPD   160
NTDB id 1429 BW25113 RS17590 WP 001295166.1  TLQRSFPRPSMSLGEREQTAWLSGTMARELDMDPDSLRFDYSEDSLSPAYNVTAAQSKELATLLTLAERLRVHVSAITPD   160
consensus                                    ! !* !!!!!!!! !!!!!!!!*!*!!!!!!!**  !!!!!!!! ! !!! !!!!! !!*  !!!!!  ! !*!*!!!!!
```

logo

```
NTDB id 99519 AL479 RS10785 WP 061076085.1   ACALQRLLPFLSPEQTCLAWRDDTQWLWATRNAWGRKSRAEIAHLHDLAAGLSLRPEEVALCAEEDFDPWQAVSIRQPPV   240
NTDB id 1429 BW25113 RS17590 WP 001295166.1  ASALQRFLPFLPSHQQCLAWRDNEQWLWATRYSWGRKLAVGMTSAKELAAALSVDPESVAICGEGGFDPWEAVSVRQPPL   240
consensus                                    !*!!!! !!!!***! !!!!!!  !!!!!!!  !!!!    * * **!!!*!!* !! !!*!*!  !!!! !!!*!!!!*
```

logo

```
NTDB id 99519 AL479 RS10785 WP 061076085.1   PREGHAFAVALGLALGEMR   259
NTDB id 1429 BW25113 RS17590 WP 001295166.1  PPPGGDFAIALGLALGKAY   259
consensus                                    !**!* !!*!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved