logo

```
NTDB id 95153 CFSAN001588 RS01590 WP 023233958.1   MAFKTWQIGLHIQQHEALAIAVIRGASGWSLQRWWRLPLMNASTAEGTIPDPQSLAHVLRPWSRELPLRHRIYLSFPANR   80
NTDB id 1429 BW25113 RS17590 WP 001295166.1        MAFKIWQIGLHLQQQEAVAVAIVRGAKECFLQRWWRLPLENDIIKDGRIVDAQQLAKTLLPWSRELPQRHHIMLAFPASR   80
consensus                                          !!!! !!!!!!*!!*!!*!*!**!!!  * !!!!!!!!! !    *! !*!*! !!* ! !!!!!!! !!*! ! !!! !
```

logo

```
NTDB id 95153 CFSAN001588 RS01590 WP 023233958.1   TLQRAFPHPPMRLREREQVAWLSQTMARELDMDPDLLRFDFQDDALSPAFNVTAVQSKEISALLTLAQTLNVRIAAVTPD   160
NTDB id 1429 BW25113 RS17590 WP 001295166.1        TLQRSFPRPSMSLGEREQTAWLSGTMARELDMDPDSLRFDYSEDSLSPAYNVTAAQSKELATLLTLAERLRVHVSAITPD   160
consensus                                          !!!! !!*!*! ! !!!! !!!! !!!!!!!!!!! !!!!* *! !!!!*!!!! !!!!*  !!!!!  ! !** !*!!!
```

logo

```
NTDB id 95153 CFSAN001588 RS01590 WP 023233958.1   ACALQRLLPFIPSGRQCLVWRDESQWLWATRYAWGRKSAREAMTLHDLAATLSVVPEHISLCVEGEFDPWRAVTVRQPPV   240
NTDB id 1429 BW25113 RS17590 WP 001295166.1        ASALQRFLPFLPSHQQCLAWRDNEQWLWATRYSWGRKLAVGMTSAKELAAALSVDPESVAICGEGGFDPWEAVSVRQPPL   240
consensus                                          !*!!!! !!!*!!* !!! !!!  !!!!!!!! !!!! !    * **!!! !!! !!** *! !! !!!! !!*!!!!!*
```

logo

```
NTDB id 95153 CFSAN001588 RS01590 WP 023233958.1   PPDGYRFAIALGLAMGEIR   259
NTDB id 1429 BW25113 RS17590 WP 001295166.1        PPPGGDFAIALGLALGKAY   259
consensus                                          !!*!  !!!!!!!!*!
```

X non conserved

X similar

X $\geq$ 50% conserved