```
logo

NTDB id 1081268 UPTC15622 RS05440 WP 087685029.1  MSEIYILGNGAMASAIAKGLKDTYKVVIVARDLKKASSL...NLEVLSYEEFDLEDKNVILAFKPYALEEVAVKLKGKAR   77
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1      ..MLYILANGAMATALAYGLKDDYEICIVGRSIEKLQALAKEGFKTLLYKDFNIEGKDVILAFKPYALENIAQMLKGQAR   78
consensus                                         ** *!!!*!!!!!*!*! !!!! ! **!!*! * !   !***    ! ! *! *! ! !!!!!!!!!!! *!  !!! !!

logo

NTDB id 1081268 UPTC15622 RS05440 WP 087685029.1  WLISVLANTTFEQLHCVNAQNYIKIMPNTAAEFKASATAYLMENDSYKDEILSLLNTFGKAISLQNEKEFDVAMVLSGCA  157
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1      ILISVLANVDFEKLQTIKAQNYVRIIPNTAAKYKASTTPYILKNSHFENEILDILKTFGSAYKLDNEIQMNAAMAISGCA  158
consensus                                          !!!!!!!  !! !*** !!!!**!*!!!!! *!!! !*!** ! **  !!! *! !!! !  ! !!     !! *!!!!

logo

NTDB id 1081268 UPTC15622 RS05440 WP 087685029.1  PAFLALVAESLANAGVKNGLKNELSYELTRASFESFSALFNHTHPAIIKEKICSPAGVTIRGVEALEKRALRGAFFEAFN  237
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1      PAFLALIAESIANAGVYEGLSKELSLNLTRSLFKSSSALLEHEHPAIIKENICSPGGVTIKGIKILEQKGIRGSFFEAIN  238
consensus                                         !!!!!!*!!!*!!!!!  !!  !!!  !!!  ! ! !!!  ! !!!!!!! !!!!*!!!!*!*  !! ***!! !!!! !

logo

NTDB id 1081268 UPTC15622 RS05440 WP 087685029.1  ASLNK   242
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1      ASSAK   243
consensus                                         !!  !
```

X non conserved

X similar

X $\geq$ 50% conserved