```
logo

NTDB id 123275 UPTC3659 RS05885 WP 039626419.1  MSEIYILGNGAMASAIAKGLKDTYKVVIVARDLKKASSL...NLEVLSYEEFDLEDKNVILAFKPYALEEVAVKLKGKAR   77
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1    ..MLYILANGAMATALAYGLKDDYEICIVGRSIEKLQALAKEGFKTLLYKDFNIEGKDVILAFKPYALENIAQMLKGQAR   78
consensus                                       ** *!!!*!!!!!*!*! !!!! ! **!!*! * !   !***    ! ! *! *! ! !!!!!!!!!!! *!  !!! !!

logo

NTDB id 123275 UPTC3659 RS05885 WP 039626419.1  WLISVLANTTFEQLHCIDAQNYIKIMPNTAAEFKASATAYLMENDLYKDEILSLLNTFGKAISLQNEKEFDVAMVLSGCA  157
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1    ILISVLANVDFEKLQTIKAQNYVRIIPNTAAKYKASTTPYILKNSHFENEILDILKTFGSAYKLDNEIQMNAAMAISGCA  158
consensus                                        !!!!!!!  !! !**! !!!!**!*!!!!! *!!! !*!** ! **  !!! *! !!! !  ! !!     !! *!!!!

logo

NTDB id 123275 UPTC3659 RS05885 WP 039626419.1  PAFLALVAESLANAGVKNGLKNELSYEFTRASFESFSALFNHTHPAIIKEKICSPAGVTIRGVEALEKRALRGAFFEAFN  237
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1    PAFLALIAESIANAGVYEGLSKELSLNLTRSLFKSSSALLEHEHPAIIKENICSPGGVTIKGIKILEQKGIRGSFFEAIN  238
consensus                                       !!!!!!*!!!*!!!!!  !!  !!!   !!  ! ! !!!  ! !!!!!!! !!!!*!!!!*!*  !! ***!! !!!! !

logo

NTDB id 123275 UPTC3659 RS05885 WP 039626419.1  ASLNK   242
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1    ASSAK   243
consensus                                       !!  !
```

X non conserved

X similar

X $\geq$ 50% conserved