```
logo

NTDB id 1081341 UPTC17453 RS05185 WP 039641701.1  MSEIYILGNGAMASAIAKGLKDTYKVVIVARDLKKASSL...NLEVLSYEEFDLEDKNVILAFKPYALEEVAVKLKGKAR   77
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1      ..MLYILANGAMATALAYGLKDDYEICIVGRSIEKLQALAKEGFKTLLYKDFNIEGKDVILAFKPYALENIAQMLKGQAR   78
consensus                                         ** *!!!*!!!!!*!*! !!!! ! **!!*! * !   !***    ! ! *! *! ! !!!!!!!!!!! *!  !!! !!

logo

NTDB id 1081341 UPTC17453 RS05185 WP 039641701.1  WLISVLANTTFEQLHCVNAQNYIKIMPNTAAEFKASATAYLMENDSYKDEILSLLNTFGKAISLQNEKEFDVAMVLSGCA   157
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1      ILISVLANVDFEKLQTIKAQNYVRIIPNTAAKYKASTTPYILKNSHFENEILDILKTFGSAYKLDNEIQMNAAMAISGCA   158
consensus                                          !!!!!!!  !! !*** !!!!**!*!!!!! *!!! !*!** ! **  !!! *! !!! !  ! !!     !! *!!!!

logo

NTDB id 1081341 UPTC17453 RS05185 WP 039641701.1  PAFLALVAESLVNAGVKNGLKNELSYELTRACFESFSALFNHTHPAIIKEKICSPAGVTIRGVEALEKRALRGAFFEAFN   237
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1      PAFLALIAESIANAGVYEGLSKELSLNLTRSLFKSSSALLEHEHPAIIKENICSPGGVTIKGIKILEQKGIRGSFFEAIN   238
consensus                                         !!!!!!*!!!* !!!!  !!  !!!  !!! *! ! !!!  ! !!!!!!! !!!!*!!!!*!*  !! ***!! !!!! !

logo

NTDB id 1081341 UPTC17453 RS05185 WP 039641701.1  ASLNK   242
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1      ASSAK   243
consensus                                         !!  !
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X non conserved

X similar

X ≥ 50% conserved