```
logo

NTDB id 278572 DSM104627 RS03490 WP 002780246.1  MKADLYILANGAMAQALAYGLKDSYNIYIVGRNLEKLQILEKEGFKTLLYKDFNIENKNIILAFKPYALESVAANLKGKA   80
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1     ...MLYILANGAMATALAYGLKDDYEICIVGRSIEKLQALAKEGFKTLLYKDFNIEGKDVILAFKPYALENIAQMLKGQA   77
consensus                                        *** !!!!!!!!!! !!!!!!!! ! !*!!!! *!!!! ! !!!!!!!!!!!!!!! ! *!!!!!!!!!! *!  !!! !

logo

NTDB id 278572 DSM104627 RS03490 WP 002780246.1  KILISVLANTDFDKLKLIQAQNYARIMPNTAAKYKASTTPYVLKNSNFKDEVIEILNTFGKAYELNEEKQMNAAMAISGC  160
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1     RILISVLANVDFEKLQTIKAQNYVRIIPNTAAKYKASTTPYILKNSHFENEILDILKTFGSAYKLDNEIQMNAAMAISGC  157
consensus                                        *!!!!!!!! !!*!!  ! !!!! !!*!!!!!!!!!!!!!!*!!!!*!  !***!! !!! !! !  ! !!!!!!!!!!!

logo

NTDB id 278572 DSM104627 RS03490 WP 002780246.1  APAFLALVAESIANAGVYEGLSKELSLNLTRSLFKSAAALLENEHPAIIKENICSPAGVTIKGIKVLEQKGIRGTFFEAL  240
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1     APAFLALIAESIANAGVYEGLSKELSLNLTRSLFKSSSALLEHEHPAIIKENICSPGGVTIKGIKILEQKGIRGSFFEAI  237
consensus                                        !!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !!!!*!!!!!!!!!!!!!*!!!!!!!!*!!!!!!!!*!!!!*

logo

NTDB id 278572 DSM104627 RS03490 WP 002780246.1  NASAT.   245
NTDB id 1236 CJJ81176 RS05225 WP 002869050.1     NASSAK   243
consensus                                        !!!  *
```

X non conserved

X similar

X ≥ 50% conserved