```
logo

NTDB id 86037 LC603172 RS15215 WP 061430331.1  MVSFFKKLLTKKTQGVGLEITPERINIAQIAKQGQNYKLVKCCSSDIPEGIFEEGKIVDSPALAELIQEVLKENKINSKR   80
NTDB id 1411 SGL RS10685 WP 010872897.1        MFSRFTSLFGRKSSGVGLEITPERVNVAQLTSQGQSYKLRKFGHASIPEGIFEEGKIVDSPALAEIIQELLSENGINTKQ   80
consensus                                      ! ! !  !  *!* !!!!!!!!!!*!*!!*  !!! !!! !***  !!!!!!!!!!!!!!!!!!!*!!!*! !! !!*!

logo

NTDB id 86037 LC603172 RS15215 WP 061430331.1  VATGVPMRESIIRIIPIPSELDDQELRNLVLNHEASLYLPYPREEVDLDYQKLGYFQDEDGIEKVQVLLVATRREITDAY  160
NTDB id 1411 SGL RS10685 WP 010872897.1        VATAVPMREAIIRMLPVPAELDENELRDMVLNHEAALYLPYPREEVDLDYQKLGLFEDEDGIEKVQVLLVATRREVTDSY  160
consensus                                      !!!*!!!!! !!!**!*! !!!**!!! *!!!!!! !!!!!!!!!!!!!!!!!! ! !!!!!!!!!!!!!!!!!!*!! !

logo

NTDB id 86037 LC603172 RS15215 WP 061430331.1  METFQQAGLQVDVLEINSFALIRTIREHLRQFSSNEAAVIVDIEFDNTEIAIVVDGVPQFSRTVPIGTFQLQNALSRAMN  240
NTDB id 1411 SGL RS10685 WP 010872897.1        LDTFQQAGLQVDVLEINSFALIRTIREQLRQFGSREAAVLVDIEFDSTEIAIIVDGVPQFSRTVPIGTYQMQNALSRAMN  240
consensus                                      **!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!! ! !!!!*!!!!!! !!!!!*!!!!!!!!!!!!!!!!*!*!!!!!!!!!

logo

NTDB id 86037 LC603172 RS15215 WP 061430331.1  LPTSRSPEILLGMTIPIIAFDSLSTNTGTSGAPTNAGMTALMRVLGELTDELRRSINFYLNQSDEMEIVQLLLAGPGGGL  320
NTDB id 1411 SGL RS10685 WP 010872897.1        LPPSRNPEILQGMTIPVTQFDTMST....QGTAVNPGMNALMRVMGELTDELRRSINFYLNQSEELELVQLLLAGPGGGL  316
consensus                                      !!*!! !!!! !!!!!*  !!**!!**** ! * !*!! !!!!!*!!!!!!!!!!!!!!!!!!!!*!*!*!!!!!!!!!!!!

logo

NTDB id 86037 LC603172 RS15215 WP 061430331.1  AQLDEYFTQRLSVPTMAIDPIASLNLDTTQEIPNTERPGLGTVLGLGLREV  371
NTDB id 1411 SGL RS10685 WP 010872897.1        IQLDEYFTQRLSIPTVKIDPFEALAIDTDQNFSDIERPSLATVLGLGIREA  367
consensus                                       !!!!!!!!!!!*!!* !!!   ! *!! !  *  !!! !*!!!!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved