```
logo
NTDB id 72411 myaer102 RS24095 WP 012264475.1  MVSFFKKLLTKKPQGVGLEITPERINIAQIAKQGQNYKLVKCCSSDIPEGIFEEGKIVDSPALAELIQEVLKENKINSKR   80
NTDB id 1411 SGL RS10685 WP 010872897.1        MFSRFTSLFGRKSSGVGLEITPERVNVAQLTSQGQSYKLRKFGHASIPEGIFEEGKIVDSPALAEIIQELLSENGINTKQ   80
consensus                                      ! ! !  !  *!* !!!!!!!!!!*!*!!*  !!! !!! !***  !!!!!!!!!!!!!!!!!!!*!!!*! !! !!*!

logo
NTDB id 72411 myaer102 RS24095 WP 012264475.1  VATAVPMRESIIRIIPIPSELDDQELRNLVLNHEASLYLPYPREEVDLDYQKLGYFQDEDGIEKVQVLLVATRREITDAY  160
NTDB id 1411 SGL RS10685 WP 010872897.1        VATAVPMREAIIRMLPVPAELDENELRDMVLNHEAALYLPYPREEVDLDYQKLGLFEDEDGIEKVQVLLVATRREVTDSY  160
consensus                                      !!!!!!!!! !!!**!*! !!!**!!! *!!!!!! !!!!!!!!!!!!!!!!!! ! !!!!!!!!!!!!!!!!!!*!! !

logo
NTDB id 72411 myaer102 RS24095 WP 012264475.1  METFQQAGLQVDVLEINSFALIRTIREHLRQFSSNEAAVIVDIEFDNTEIAIVVDGVPQFSRTVPIGTFQLQNALSRAMN  240
NTDB id 1411 SGL RS10685 WP 010872897.1        LDTFQQAGLQVDVLEINSFALIRTIREQLRQFGSREAAVLVDIEFDSTEIAIIVDGVPQFSRTVPIGTYQMQNALSRAMN  240
consensus                                      **!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!! ! !!!!*!!!!!! !!!!!*!!!!!!!!!!!!!!!!*!*!!!!!!!!!

logo
NTDB id 72411 myaer102 RS24095 WP 012264475.1  LPTSRSPEILLGMTIPITAFDSLSSNTGTSGAPTNAGMTALMRVLGELTDELRRSINFYLNQSDELEIVQLLLAGPGGGL  320
NTDB id 1411 SGL RS10685 WP 010872897.1        LPPSRNPEILQGMTIPVTQFDTMST....QGTAVNPGMNALMRVMGELTDELRRSINFYLNQSEELELVQLLLAGPGGGL  316
consensus                                      !!*!! !!!! !!!!!*! !!**!***** ! * !*!! !!!!!*!!!!!!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!

logo
NTDB id 72411 myaer102 RS24095 WP 012264475.1  AQLDEYFTQRLSVPTMAIDPITSLNLDTTQEIPNTERPGLGTVLGLGLREV  371
NTDB id 1411 SGL RS10685 WP 010872897.1        IQLDEYFTQRLSIPTVKIDPFEALAIDTDQNFSDIERPSLATVLGLGIREA  367
consensus                                       !!!!!!!!!!!*!!* !!!   ! *!! !  *  !!! !*!!!!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved