```
logo

NTDB id 144352 myaer RS13140 WP 046662421.1  MVSFFKKLLTKKTQGVGLEITPERINVAQIAKQKQNYKLVKYCSSDIPEGIFEEGKIVDSAALAELIQEVLRENKITSKR   80
NTDB id 1411 SGL RS10685 WP 010872897.1      MFSRFTSLFGRKSSGVGLEITPERVNVAQLTSQGQSYKLRKFGHASIPEGIFEEGKIVDSPALAEIIQELLSENGINTKQ   80
consensus                                    ! ! !   !   *!* !!!!!!!!!!*!!!!*  ! ! !!!  !***  !!!!!!!!!!!!!!*!!!!*!!!*! !!  !  *!

logo

NTDB id 144352 myaer RS13140 WP 046662421.1  VATGVPMRESIIRIIAIPSELDEEELRDLVLNHEANLYLPYPREEVDIDYQKLGYFQDEDGIEKVQVLLVATRREITDAY  160
NTDB id 1411 SGL RS10685 WP 010872897.1      VATAVPMREAIIRMLPVPAELDENELRDMVLNHEAALYLPYPREEVDLDYQKLGLFEDEDGIEKVQVLLVATRREVTDSY  160
consensus                                    !!!*!!!!! !!!****! !!!!  !!!!*!!!!!! !!!!!!!!!!!*!!!!!! ! !!!!!!!!!!!!!!!!!!*!! !

logo

NTDB id 144352 myaer RS13140 WP 046662421.1  LETLQQAGLQVDVLEINSFALIRTIREQLRQFSSNEATVIVDIEFDNTEIAIVVDGVPQFSRTVPIGTFQLQNALSRAMN  240
NTDB id 1411 SGL RS10685 WP 010872897.1      LDTFQQAGLQVDVLEINSFALIRTIREQLRQFGSREAAVLVDIEFDSTEIAIIVDGVPQFSRTVPIGTYQMQNALSRAMN  240
consensus                                    !*! !!!!!!!!!!!!!!!!!!!!!!!!*!!!!! ! !! !*!!!!!! !!!!!*!!!!!!!!!!!!!!!!!*!*!!!!!!!!!

logo

NTDB id 144352 myaer RS13140 WP 046662421.1  LPTSRSPEILLGMTIPTTAFDSLGTNTSVSRSFTTAGMAALMRVLGELTDELRRSINFYLNQSDELEIVQLLLAGPGGGL  320
NTDB id 1411 SGL RS10685 WP 010872897.1      LPPSRNPEILQGMTIPVTQFDTMSTQGT....AVNPGMNALMRVMGELTDELRRSINFYLNQSEELELVQLLLAGPGGGL  316
consensus                                    !!*!! !!!! !!!!! ! !!** !* *****   *!! !!!!!*!!!!!!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!

logo

NTDB id 144352 myaer RS13140 WP 046662421.1  AQLDEYFTQRLSITTMPIDPIASLNLDIDQEIPNTQRPGLGTVLGLGLREV  371
NTDB id 1411 SGL RS10685 WP 010872897.1      IQLDEYFTQRLSIPTVKIDPFEALAIDTDQNFSDIERPSLATVLGLGIREA  367
consensus                                     !!!!!!!!!!!!*!**!!!    ! *! !!  *   !! !*!!!!!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved