```
logo

NTDB id 55043 CYAN10605 RS14055 WP 015220613.1  MLSFLDNFMGGKTNGVGIEIGPDKVTLAQISKKGQQYKLLKYYSLEVPEEIFEEGQIVDSPALAELIDQLLKEAKVKPKQ   80
NTDB id 1411 SGL RS10685 WP 010872897.1         MFSRFTSLFGRKSSGVGLEITPERVNVAQLTSQGQSYKLRKFGHASIPEGIFEEGKIVDSPALAEIIQELLSENGINTKQ   80
consensus                                       ! !        ! !* !!!*!! !**! *!!**  !! !!! !* *  *!! !!!!! !!!!!!!!!*!  !! !  * *!!

logo

NTDB id 55043 CYAN10605 RS14055 WP 015220613.1  IATAVPMKDAVMRIIPIPAELNDQELRDMVLNHEAALYLPYPREEVDIDYQKLGYFVDEDGIEKVQVLLVATRREVTDLY  160
NTDB id 1411 SGL RS10685 WP 010872897.1         VATAVPMREAIIRMLPVPAELDENELRDMVLNHEAALYLPYPREEVDLDYQKLGLFEDEDGIEKVQVLLVATRREVTDSY  160
consensus                                       *!!!!!!**!**!**!*!!!! **!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!! ! !!!!!!!!!!!!!!!!!!!! !

logo

NTDB id 55043 CYAN10605 RS14055 WP 015220613.1  LETFQQAGLKVSVLEINSFALIRTIKEQLKQFSSSEAVVLVDIEFDTTEIAIICEGVPQFTRTIPIGTYQMQTALAQAMN  240
NTDB id 1411 SGL RS10685 WP 010872897.1         LDTFQQAGLQVDVLEINSFALIRTIREQLRQFGSREAAVLVDIEFDSTEIAIIVDGVPQFSRTVPIGTYQMQNALSRAMN  240
consensus                                       !*!!!!!!! ! !!!!!!!!!!!!!!*!!!*!! ! !! !!!!!!!!*!!!!!!**!!!!!*!!*!!!!!!!! !!   !!!

logo

NTDB id 55043 CYAN10605 RS14055 WP 015220613.1  LPTSKNTELLQEITIPNNPEQTTSASTTSSQTWINPGMDSLLRVLGELVDELRRSINFYLNQSGDVEVVQMLLSGPGAGL  320
NTDB id 1411 SGL RS10685 WP 010872897.1         LPPSRNPEILQGMTIPVTQFDTMS....TQGTAVNPGMNALMRVMGELTDELRRSINFYLNQSEELELVQLLLAGPGGGL  316
consensus                                       !!*!*!*!*!! *!!!  *  ! !*****  ! *!!!!  !*!!*!!! !!!!!!!!!!!!!! **!*!!*!! !!!*!!

logo

NTDB id 55043 CYAN10605 RS14055 WP 015220613.1  AQIDEFFTKKLSLPTMQVDPISALSLSLKEDLSPMQRAGLGTVLGLGMRMS   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