```
logo
NTDB id 73162 AW67 RS04180 WP 000114109.1   MSVKQLWRWQGVNDKGQLEQDVVWVDNRLALIITLQHQRIMPLRIKRMGVNAALWKEEQSAEIIHQLATLIHAGLTLSEG   80
NTDB id 1437 BW25113 RS00525 WP 000157266.1 MASKQLWRWHGITGDGNAQDGMLWAESRTLLLMALQQQMVTPLSLKRIAINSAQWRGDKSAEVIHQLATLLKAGLTLSEG   80
consensus                                   !  !!!!!!*!*   !*    **! * !  !** !!*! * !! *!!***! ! !* * !!!*!!!!!!!**!!!!!!!!

logo
NTDB id 73162 AW67 RS04180 WP 000114109.1   LELLAQQHPHRQWQALLRTLAHELEQGVPFSSALVSWPQVFPPLYQTMIRTGELTGKLADCCFELARQQKAQRQITVSVK  160
NTDB id 1437 BW25113 RS00525 WP 000157266.1 LALLAEQHPSKQWQALLQSLAHDLEQGIAFSNALLPWSEVFPPLYQAMIRTGELTGKLDECCFELARQQKAQRQLTDKVK  160
consensus                                   ! !!!  !!!**!!!!!! *!!!*!!!**!! !!**!* !!!!!!! !!!!!!!!!!!! *!!!!!!!!!!!!!!!*!   !!

logo
NTDB id 73162 AW67 RS04180 WP 000114109.1   KALRYPAIILTMAALVVFAMLHFVLPEFAAIYRSFNTPLPLLTRGIIAIAQWGSAWGWLILFLTMLVAIAHRRVKQKPSW  240
NTDB id 1437 BW25113 RS00525 WP 000157266.1 SALRYPIIILAMAIMVVVAMLHFVLPEFAAIYKTFNTPLPALTQGIMTLADFSGEWSWLLVLFGFLLAIANKLLMRRPTW  240
consensus                                    !!!!! !!! !! *!! !!!!!!!!!!!!!!**!!!!!! !! !!* *! *   ! !!**    !*!!!** *  *!*!

logo
NTDB id 73162 AW67 RS04180 WP 000114109.1   QAQRQRLLLRLPVMGRLIRGQKLAQIFTVLALTQSAGIPFLQGLESAIESLGCPYWSQRLTQVHQEIAAGNPVWLALKNT  320
NTDB id 1437 BW25113 RS00525 WP 000157266.1 LIVRQKLLLRIPIMGSLMRGQKLTQIFTILALTQSAGITFLQGVESVRETMRCPYWVQLLTQIQHDISNGQPIWLALKNT  320
consensus                                     !!*!!!!*!*!! !*!!!!! !!!!*!!!!!!!!!*!!!!*!!  !** !!!! ! !!!****!  !*!*!!!!!!!

logo
NTDB id 73162 AW67 RS04180 WP 000114109.1   QEFSPLCLQLVRTGEASGSLDIMLHNLARHHSETTLALADNLASLLEPALLIITGLIIGTLVVAMYLPIFHLGDAMSGMG  400
NTDB id 1437 BW25113 RS00525 WP 000157266.1 GEFSPLCLQLVRTGEASGSLDLMLDNLAHHHRENTMALADNLAALLEPALLIITGGIIGTLVVAMYLPIFHLGDAMSGMG  400
consensus                                    !!!!!!!!!!!!!!!!!!!!!*!!*!!!*!! ! !*!!!!!!! !!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved