```
logo
NTDB id 96747 AS586 RS11585 WP 023243400.1   MSVKQLWRWQGVNDKGQLEQDVVWADNRLALIITLQHQRIMPLRIKRMGVNAALWKEEQSAEIIHQLATLIHAGLTLSEG   80
NTDB id 1437 BW25113 RS00525 WP 000157266.1  MASKQLWRWHGITGDGNAQDGMLWAESRTLLLMALQQQMVTPLSLKRIAINSAQWRGDKSAEVIHQLATLLKAGLTLSEG   80
consensus                                    !  !!!!!!*!*   !*    **!!* !  !** !!*! * !! *!!***! ! !* * !!!*!!!!!!!**!!!!!!!!

logo
NTDB id 96747 AS586 RS11585 WP 023243400.1   LELLAQQHPHRQWQALLRTLAHELEQGVPFSSALVSWPQVFPPLYQTMIRTGELTGKLAECCFELARQQKAQRQITVSVK  160
NTDB id 1437 BW25113 RS00525 WP 000157266.1  LALLAEQHPSKQWQALLQSLAHDLEQGIAFSNALLPWSEVFPPLYQAMIRTGELTGKLDECCFELARQQKAQRQLTDKVK  160
consensus                                    ! !!! !!!**!!!!!! *!!!*!!!!**!! !!**!* !!!!!!! !!!!!!!!!!!! !!!!!!!!!!!!!!!*!  !!

logo
NTDB id 96747 AS586 RS11585 WP 023243400.1   KALRYPAIILTMAALVVFAMLHFVLPEFAAIYRSFNTPLPLLTRGIIAIAQWGSTWGWLILFLTMLIAIAHRRVKQKPSW  240
NTDB id 1437 BW25113 RS00525 WP 000157266.1  SALRYPIIILAMAIMVVVAMLHFVLPEFAAIYKTFNTPLPALTQGIMTLADFSGEWSWLLVLFGFLLAIANKLLMRRPTW  240
consensus                                     !!!!! !!! !! *!! !!!!!!!!!!!!!!**!!!!!! !! !!* *! *   ! !!**    !*!!!** *  *!*!

logo
NTDB id 96747 AS586 RS11585 WP 023243400.1   QAQRQRLLLRLPVMGRLIRGQKLAQIFTVLALTQSAGIPFLQGLESAIDSLGCPYWSQRLTQVHQEIAAGNPVWLALKNT  320
NTDB id 1437 BW25113 RS00525 WP 000157266.1  LIVRQKLLLRIPIMGSLMRGQKLTQIFTILALTQSAGITFLQGVESVRETMRCPYWVQLLTQIQHDISNGQPIWLALKNT  320
consensus                                      !!*!!!!*!*!! !*!!!!! !!!!*!!!!!!!!!*!!!!*!!  *** !!!! ! !!!****!  !*!*!!!!!!!

logo
NTDB id 96747 AS586 RS11585 WP 023243400.1   QEFSPLCLQLVRTGEASGSLDIMLHNLARHHSETTLALADNLASLLEPALLIITGLIIGTLVVAMYLPIFHLGDAMSGMG  400
NTDB id 1437 BW25113 RS00525 WP 000157266.1  GEFSPLCLQLVRTGEASGSLDLMLDNLAHHHRENTMALADNLAALLEPALLIITGGIIGTLVVAMYLPIFHLGDAMSGMG  400
consensus                                     !!!!!!!!!!!!!!!!!!!!!*!!*!!!*!! ! !*!!!!!!! !!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved