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logo

NTDB id 181641 PS273GM RS03390 WP 064480591.1  MGTEHLTFFGYKGRRILRLYHLYRVVIGLVLVLLISSDLHNDLMRMTNPTAFYYGAWLYLILNVFAAVLLQNPKRELPVL   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1      MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                      !  !*!      ! !!!!!!!!!!* !!!!!!!!!!!*!*  **** *!  !* ! !*!!* !*  !* !****  !!*

logo

NTDB id 181641 PS273GM RS03390 WP 064480591.1  ALALVDVTLLAALFYFAGGTPSGIGNLLIVAVAIANILLHGRVGFFIAAVAATGLIYLTFYLSLSDSAASSQYVQAAALG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1      ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                       !!! !! *!**!!! *!! !!!!! !!*!!!!!!!!!!*!!*!  !!! !  !!*!!!!*!!!! * !* *!!!!**!!

logo

NTDB id 181641 PS273GM RS03390 WP 064480591.1  TLCFAAALLVQGLTRRLQDSETLARQRAEEVANLEALNAQILQRMRTGILVLDAQERVLLANQGALELLGQQSLTGERLA  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1      TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                      !!!!!!!!**!*! !!    *!!!!  !!! !!!!! !!! !!!!!!!!!!!*!    *!!!!!*!! !! !  * !  !*

logo

NTDB id 181641 PS273GM RS03390 WP 064480591.1  PRCPEIIKGLQRWRDNPTLRPRNFKATPDGATLQPSFATLQHGVKQDTLVFLEDISQIAQKAQQLKLASLGRLTASIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1      RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                      ***! *****  !! !!*!!!*  !  !!!*!*!!!! *!**   !* !*!!!!!!!!! !!!*!!! !!!!!! !!!!

logo

NTDB id 181641 PS273GM RS03390 WP 064480591.1  IRNPLGAISHAAQLLQESEVLDAADLRLTQIIQDHSRRMNLVIENVLQLSRRRQAEPQLLDLKYWVHRFASEFRQTLPPQ  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1      IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                      !!!!!!!!!!!!!!!!!!! !!!*! !!!!!!!!*!*!!!!!!!!!!!!!!!!!!!! !!!! !**!!  !**  !**

logo

NTDB id 181641 PS273GM RS03390 WP 064480591.1  QIVHVDTLGSSLQTRMDPNQLIQVLTNLVQNGLRYSGQKHDQAQVWLKLFRDETSDLPVLEVLDDGAGVPAEQVQNIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1      SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                        *!*   *  *!!!!!!*!! !!!*!!!!!!!!!!*! !  *!!!! ! !!* !!!!!!!**!!!*!!!!* **!*!!!

logo

NTDB id 181641 PS273GM RS03390 WP 064480591.1  FFTTENKGTGLGLYLSRELCESNQARLDYRERDEGGSCFRIVFAHPRKLS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1      FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                      !!!!! !!!!!!!!*!!!!!!!!!!!*!!!! !*!!! !!!! !!!!!!!!
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X non conserved
X similar
X $\geq$50% conserved