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logo

NTDB id 411888 PMA4326 RS02990 WP 007253449.1  MTAETPHLASPQAQRILRLYHLYRLTIGVVLVLLISSSLETELLQLANPNLFRSGCWLYLVFNILVVVLLERPTRQSHLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1      MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                      ! !! **!  *!*!!!!!!!!!!!!!!!!!!!!!!!! !!  *! ! *! !!* !*!*!!!!!!!! * !***     *!

logo

NTDB id 411888 PMA4326 RS02990 WP 007253449.1  SLAMVDAIMLSGLFYAAGGPSSGIGNLLIASVAISNVLLRGRIGLLIAAVSAIGIIYLTFYISFGTPSVSNDYVQAGSLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1      ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                       !!* ! *!!*!!!!!*!!**!!!! !!*  !!! !*!!!!!!!!*!!!   *!**!!!!**!  *!  *!*!!!!! !!

logo

NTDB id 411888 PMA4326 RS02990 WP 007253449.1  ALCFAAALLVQALTARMQTSEVLAEQRAADVDSLEELNALILQRMRTGILVLDARRQVLLANQGALALLGHERLVGQVLD  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1      TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                       !!!!!!!**!!!  !   *! !!! !!  !  !!!!!!!!!!!!!!!!!!*! !  *!!!!!*!!*!! ** * !  *

logo

NTDB id 411888 PMA4326 RS02990 WP 007253449.1  AYSPQLVDRLRQWLINPIMQPRSISTSAIGPELQPSFVALNRGDQRQTLIFLEDLSQIAHQAQQLKLAALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1      RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                       *!! !*****!! *!! * !***   * !! *!!!!* !!! !  * !!!!!!*!!!!*!!!!*!!!*!!!!!!!!!!

logo

NTDB id 411888 PMA4326 RS02990 WP 007253449.1  IRNPLGAVSHAAQLLNESETLSAPDRRLGQIIHDQSQRIDRVIENVLQLSRRREAQPDLLDLKVWLDAFVADFRDTALPN  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1      IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                      !!!!!!!*!!!!!!!*!!! ! !!!!!! !!!*!!! !*  !!!!!!!!!!!! ! !  !!!! !!  !! ***    *

logo

NTDB id 411888 PMA4326 RS02990 WP 007253449.1  QLLHVEIHAGTLTTRMDAEQLTQVVTNLVQNGLRYSNQNHSLAQVWLKLHHDRKSDLPILEVLDDGPGVSEQHLSKIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1      SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                       !!* **!! * !!!!**!! !!**!!!!!!!!!! ! !  *!!!! !**!* !!!!*!!**!!!!!!*  *!  *!!!

logo

NTDB id 411888 PMA4326 RS02990 WP 007253449.1  LFTTESKGTGLGLYLSRELCESNQAHLEYAPRPGGGSCLRITFAHPFKTS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1      FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!***! *!* !! ! !!!!!!! ! !
```

X non conserved
X similar
X $\geq$50% conserved