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logo

NTDB id 174906 PMA3 RS03280 WP 064675833.1  MSAETSSHFSNQAQRLLRLYHLYRLSVGITLVLLISSNMDNQLLRFANDDLLRNGSWLYLVLNILLVVFLGNTRRPTQLFSLALA   85
NTDB id 1472 PAKAF RS23995 WP 016253893.1  MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT   85
consensus                                  ! !!    *   !*!!*!!!!!!!!!**!* !!!!!!! ** !*!*  ***! * !!!*!!! !!!* *!!***! * **! !!!

logo

NTDB id 174906 PMA3 RS03280 WP 064675833.1  DVLLLCGLFYAGGGVASAIGNLLIVSVAISNTLLRRIGLLIAAVGALGIVGASLLISFSHPASANDYLQVGTLGALCFAAALLV   170
NTDB id 1472 PAKAF RS23995 WP 016253893.1  DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI   170
consensus                                  !!!*!!!!!!!!!!!*!*!! !!*! !!! ! !!  !!!!*!!! * !!**  *  *! !*!   !*!*! ! !!! !!!!!!!**

logo

NTDB id 174906 PMA3 RS03280 WP 064675833.1  QGLTRRLEVSENLAEQRASEVVGLEALNALILQRMRTGILVLDDQRQVQLANHSALTLLGREALEGNLIDNYSPALVERLQLWRN   255
NTDB id 1472 PAKAF RS23995 WP 016253893.1  QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL   255
consensus                                  !*! !! ! *! !!! !!  !  !! !!!!!!!!!!!!!!!*!    * !!!* !! !!  * * !  *  *!! !**** !!

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NTDB id 174906 PMA3 RS03280 WP 064675833.1  NPTLRPQSVKVDGSGLELQPSFIALDQSPHHQTLVFLEDLAQIAQQAQQLKLAALGRLTAGIAHEIRNPLGAISHAAQLLQESEE   340
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESEE   340
consensus                                  !!*!!!***!! * !* *!!!!! !   **** !*!!!!* !!!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 174906 PMA3 RS03280 WP 064675833.1  LNGSDRRLTQIIQDHSQRMNRVIENVLQLSRRQQTVPQRLDLKSWLERFVAETREGATARQQIHLHIGSGDFKTLMDPNQLTQVV   425
NTDB id 1472 PAKAF RS23995 WP 016253893.1  LDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQVL   425
consensus                                  ! **!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!! !! !!! ! *        *!!**! !!  ! !!!*!! !!*

logo

NTDB id 174906 PMA3 RS03280 WP 064675833.1  DNLVRNGWRHSIQLHDQAQVWLELFVDRASQLPILEVRDDGTGVAPDHQAKLFEPFFTTSTQGTGLGLYLSRELCESNQARLDFK   510
NTDB id 1472 PAKAF RS23995 WP 016253893.1  SNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDYR   510
consensus                                   !!! !! !*! ! !  *!!!! !  !* ! !!*!!* !!!*!!**!*   !!!!!!!! * !!!!!!!!!!!!!!!!!!!!*!**

logo

NTDB id 174906 PMA3 RS03280 WP 064675833.1  PR.QGGGCFRITFAHGRKQS   529
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NREEGGGCFRITFAHPRKLS   530
consensus                                  *!* !!!!!!!!!!!*!! !
```

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