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logo

NTDB id 1013428 N011 RS14305 WP 032610294.1  MSAETLSLGSAQAHRILQLYHLYRLVIGILLVSLISARLDAELLQLADTDLFRAGCWLYLVSNILIVVLLEQPKRQAHLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !! ! !   !**!!! !!!!!!! !!**!! !!!  !*  *! ! ***!!* !*!*!!! !!!* * !****    *!

logo

NTDB id 1013428 N011 RS14305 WP 032610294.1  SLAMADALMLSGLFYAAGGPSSGIGNLLIASVAISNILLRGRSGLLIAAVSAIAILYLTFYISFSTPAVANDYVQAGSLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!* ! !!!*!!!!!*!!**!!!! !!*  !!! !!!!!!! !!*!!!   ****!!!!**! !*!   !*!!!!! !!

logo

NTDB id 1013428 N011 RS14305 WP 032610294.1  TLCFAAAMLVQALTARMQVSEVLAKQRAADVDNLEELNALILQRMRTGILVLDARRQVLLANQGALNLLGHEQLVGQVLD  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                    !!!!!!!***!!!  !   *! !!  !!  ! !!!!!!!!!!!!!!!!!!!*! !  *!!!!!*!! !! ** * !  *

logo

NTDB id 1013428 N011 RS14305 WP 032610294.1  SYSPELVDRFRHWLINPIMVPRSISTSAIGPVLQPSFAALNRGDQRQTLIFLEDLSQIAQQAQQLKLAALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!! !*** **! *!! * !***   * !! *!!!!  !!! !  * !!!!!!*!!!!!!!!!!*!!!*!!!!!!!!!!!

logo

NTDB id 1013428 N011 RS14305 WP 032610294.1  IRNPLGAVSHAAQLLNESEELTAPDRRLGQIIHDQSRRINVVIENVLQLSRRREAHPELLDLRQWLDTFVTDFRTSAAPD  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!*!!!!!!!*!!!!! !!!!!! !!!*!!!*!*!*!!!!!!!!!!!! !*!  !!!* !!  !! ***    *!

logo

NTDB id 1013428 N011 RS14305 WP 032610294.1  QQLHIDIGSGMLTTRMDPEQLTQVVTNLLQNGLRYSGQQHPIAQVWLRLYHDLQSNLPTLEVLDDGAGVSENHLTRLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     !!* *! ! * !!!!!*!! !!**!!*!!!!!!!*! !* *!!!! ! *!* ! !! !!**!!!*!!*  *!  !!!!

logo

NTDB id 1013428 N011 RS14305 WP 032610294.1  FFTTESKGTGLGLYLSRELCESNQAHLDYAPREGGGSCLRITFAHPFK..   528
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS   530
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!**!! *!! !! ! !!!!!!! !**
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X non conserved
X similar
X $\geq$ 50% conserved