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logo

NTDB id 1073171 ACI514 RS29790 WP 405124251.1  MIAEATHADSKQAQRLLRLYHLYRLSVGITLVLLISSNMDNRLLTSANDELLRGGSWLYLILNILLVVFLENTRRPAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1      MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                      ! !!  *    !*!!*!!!!!!!!!**!* !!!!!!! **  *!   **!! * !!!*!!* !!!* *!!***! * **!

logo

NTDB id 1073171 ACI514 RS29790 WP 405124251.1  SLALVDVLLLCALFFAAGGVGSALGNLLIVSVAISNTLLRRRIGLLIAAISALGIIGSSVLLSFDHPLSANEYLQAGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1      ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                       !!! !!!*!!*!!*!*!!!*!**! !!*! !!! ! !!! !!!!*!!!   !!**  *  !!  *!   !*!*!!! !!

logo

NTDB id 1073171 ACI514 RS29790 WP 405124251.1  ALCFAASLLVQGLIRRLEVSETLAEQRASEVVGLEALNALILQRMRTGILVLDEERRVQLANHSAQTLLAQTHLLGHLID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1      TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                       !!!!! !**!*!*!! ! *!!!!! !!  !  !! !!!!!!!!!!!!!!!*!    * !!!* !  !! ! ** !* *

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NTDB id 1073171 ACI514 RS29790 WP 405124251.1  DYSPAMVDRLQLWMNNPTLRPQSLKIPGNGLELQPSFIALEQSPNQQTLVFLEDLAQIAQQAQQLKLAALGRLTAGISHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1      RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                       *!! *****  !  !!*!!!**!!*** !* *!!!!! !   * !* !*!!!!* !!!!!!!!*!!!*!!!!!!!! !!

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NTDB id 1073171 ACI514 RS29790 WP 405124251.1  IRNPLGAISHAAQLLAESEELDSADRRLTQIIQDHSQRMNRVIENVLQLSRRQQSAPQRLDLKPWLENFVAESREQASER  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1      IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                      !!!!!!!!!!!!!!! !!!!!! *!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!!*!!  !! ! *

logo

NTDB id 1073171 ACI514 RS29790 WP 405124251.1  QQIHLRINSGDFTTLMDPNQLTQILDNLLRNGWRHSALLHDQAEVWLALFTDPDSQLAVLEVQDNGPGVPADEQTHLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1      SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                        *!! *  !!  ! !!!*!! !*! !!* !! !*!!  !  * !!! !  !!*! !*!!!* ! !!!!!!!   *!!!!

logo

NTDB id 1073171 ACI514 RS29790 WP 405124251.1  FFTTSSQGTGLGLYLSRELCESNQARLDFQSR.QGGGCFRITFAHGRKQS  529
NTDB id 1472 PAKAF RS23995 WP 016253893.1      FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                      !!!! ! !!!!!!!!!!!!!!!!!!!!*!*  !* !!!!!!!!!!!*!! !
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X non conserved
X similar
X $\geq$50% conserved