```
logo
NTDB id 378650 PSYTB RS03650 WP 005777807.1  MTADTPSLASPQAQRILRLYHLYRLTIGVVLVLLISSSLETELLQLANPNLFRSGCWLYLVFNILVVVLLERPSRQAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !* * !  *!*!!!!!!!!!!!!!!!*!!!!!!!! !!  *! ! *! !!* !*!*!!!!!!!! * !***    **!

logo

NTDB id 378650 PSYTB RS03650 WP 005777807.1  SLAMTDAIMLSALFYAAGGPSSGIGNLLIASVAISNVLLRGRIGLLIAAVSAIGIIYLTFYISFGTPSVSNDYVQAGSLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!*!! *!!**!!!!*!!**!!!! !!*  !!! !*!!!!!!!!*!!!   *!**!!!!**!  *!  *!*!!!!! !!

logo

NTDB id 378650 PSYTB RS03650 WP 005777807.1  ALCFAAALLVQALTARMQVSEVLAEQRAADVDSLEELNALILQRMRTGILVLDANRQVLLANQGALTLLGHERLVGQVID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!!!!**!!!  !   *! !!! !!  !  !!!!!!!!!!!!!!!!!!*!    *!!!!!*!! !! ** * !  *

logo

NTDB id 378650 PSYTB RS03650 WP 005777807.1  AYSPQLVERLRHWLVNPIMVPRSVTTSPIGPVLQPSFAALNRGDQRQTLIFLEDLSQIAHQAQQLKLAALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!! !******! *!! * !***   ! !! *!!!!  !!! !  * !!!!!!*!!!!*!!!!*!!!*!!!!!!!!!!!

logo

NTDB id 378650 PSYTB RS03650 WP 005777807.1  IRNPLGAVSHAAQLLNESEELSAADRRLGQIIHDQSGRIDRVIENVLQLSRRREAQPELLDLKTWLENFVAEFRSAAMAG  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!*!!!!!!!*!!!!! !*!!!! !!!*!!! !*  !!!!!!!!!!!! ! !  !!!! !!  !! !**

logo

NTDB id 378650 PSYTB RS03650 WP 005777807.1  QSVHVEISPGTLTTRMDSGQLTQIMTNLLQNGLRYSGRNHSSAQVWLKLHHDQQSDLPILEVQDDGPGVSEQHLAKLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                      *!* * *! * !!!!**!! !***!!*!!!!!!!*   !  *!!!! !**!* !!!!*!!* !!!!!!*  *!  !!!!

logo

NTDB id 378650 PSYTB RS03650 WP 005777807.1  FFTTESKGTGLGLYLSRELCESNQAHLEYVPRQGGGSCLRITFAHPFKTS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!***! *!  !! ! !!!!!!! ! !
```

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