```
logo
NTDB id 404300 GMO17 RS21865 WP 024669785.1  MTADTPYLASPQAQRILRLYHLYRLTIGVVLVLLISTSMETELLQLANPNLFRAGCWLYLVFNILVVVLLERPTRQAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !* * !  *!*!!!!!!!!!!!!!!!*!!!!!!!* *!  *! ! *! !!* !*!*!!!!!!!! * !***    **!

logo
NTDB id 404300 GMO17 RS21865 WP 024669785.1  SLAMTDAIMLSGLFYAAGGPSSGIGNLLIASVAISNVLLRGRIGLLIAAISAIGIIYLTFYISFGTPSVSNDYVQAGSLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!*!! *!!*!!!!!*!!**!!!! !!*  !!! !*!!!!!!!!*!!!   *!**!!!!**!  *!  *!*!!!!! !!

logo
NTDB id 404300 GMO17 RS21865 WP 024669785.1  ALCFAAALVYQALTARMQVSEGLAEQRAADVDSLEELNALILQRMRTGILVLDARRQVLLANQGALTLLGHERLVGQVLD  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!!!!**!!!  !   *! !!! !!  !  !!!!!!!!!!!!!!!!!!*! !  *!!!!!*!! !! ** * !  *

logo
NTDB id 404300 GMO17 RS21865 WP 024669785.1  AYSPQLVDRLRQWLINPIMVPRSISVSAIGPELQPSFAALNRGDQRQTLIFLEDLSQIAHQAQQLKLAALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!! !*****!! *!! * !*** ! * !! *!!!!  !!! !  * !!!!!!*!!!!*!!!!*!!!*!!!!!!!!!!!

logo
NTDB id 404300 GMO17 RS21865 WP 024669785.1  IRNPLGAVSHAAQLLNESEELSTPDRRLAQIIHDQSQRIDRVIENVLQLSRRREAKPDLLDLSVWLERFVSDLRASVPPD  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!*!!!!!!!*!!!!!  !!!!! !!!*!!! !*  !!!!!!!!!!!! ! !  !!!  !! !!! * ** ***!

logo
NTDB id 404300 GMO17 RS21865 WP 024669785.1  QTIHVETGPGVLTTRMDAEQLTQVMTNLVQNGLRYSRQNHAYAQVWLRLHHDPKSALPVLEVLDDGPGVSEQHLSKIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     *!*  !*! * !!!!**!! !!**!!!!!!!!!! ! !* *!!!! !**!! ! !!!!!**!!!!!!*  *!  *!!!

logo
NTDB id 404300 GMO17 RS21865 WP 024669785.1  FFTTESKGTGLGLYLSRELCESNRAHLEYVSRQSGGSCLRITFAHPFKTS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!! !***!  !  !! ! !!!!!!! ! !
```

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