```
logo
NTDB id 1026875 AB3471 RS03690 WP 004415013.1  MTADSPSLVSPQAQRILRLYHLYRLTIGVVLVLLISSSLETELLQLANPNLFRSGCWLYLVFNILVVVLLERPSRQAQFF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1      MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                      ! !* * !  *!*!!!!!!!!!!!!!!!*!!!!!!!! !!  *! ! *! !!* !*!*!!!!!!!! * !***    * !

logo

NTDB id 1026875 AB3471 RS03690 WP 004415013.1  GLAMTDAIMLSALFYAAGGPSSGIGNLLIASVAISNVLLRGRIGLLIAAVSAIGIIYLTFYISFGTPSVSNDYVQAGSLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1      ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                       !!*!! *!!**!!!!*!!**!!!! !!*  !!! !*!!!!!!!!*!!!   *!**!!!!**!  *!  *!*!!!!! !!

logo

NTDB id 1026875 AB3471 RS03690 WP 004415013.1  ALCFAAALLVQALTARMQVSEVLAEQRAADVDSLEALNALILQRMRTGILVLDANHQVLLANQGALHLLGQEQLVGQMID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1      TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                       !!!!!!!**!!!  !   *! !!! !!  !  !! !!!!!!!!!!!!!!!*!  * *!!!!!*!!*!! !* * !  *

logo

NTDB id 1026875 AB3471 RS03690 WP 004415013.1  TCSPQLVERLRQWLVNPIMVPRSITTAPVGLVLQPSFATLNRGDQRQTLVFLEDLSQIAHQAQQLKLAALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1      RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                        !! !*****!! *!! * !***   ! !* *!!!! *!!! !  * !*!!!!*!!!!*!!!!*!!!*!!!!!!!!!!

logo

NTDB id 1026875 AB3471 RS03690 WP 004415013.1  IRNPLGAVSHAAQLLNESEELSAADRRLGQIIHEQSGRIDRVIENVLQLSRRREAQPELLDLKTWLEHFVAEFRSSTAPN  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1      IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                      !!!!!!!*!!!!!!!*!!!!! !*!!!! !!!**!! !*  !!!!!!!!!!!! ! !  !!!! !! *!! !**    *

logo

NTDB id 1026875 AB3471 RS03690 WP 004415013.1  QAIHVDISLGTLTTRMDSGQLTQIMTNLVQNGLRYSGKNHPSAQVWLKLHNEPRSDLPTLEVLDDGPGVSEQHLSKIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1      SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                        *!* *   ! * !!!!**!! !***!!!!!!!!!!*  !* *!!!! !* *! !!!! !!**!!!!!!*  *!   *!!!

logo

NTDB id 1026875 AB3471 RS03690 WP 004415013.1  FFTTESKGTGLGLYLSRELCESNQAHLEYAPRPTGGSCLRITFAHPFKTS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1      FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!***! *!* !! ! !!!!!!! ! !
```

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