```
logo
NTDB id 115731 N018 RS21530 WP 024644958.1  MTAETSYLASPQAQRILRLYHLYRLTIGVVLVLLISSSLETELLQLANPNLFRSGCWLYLVFNILVVVLLERPTRQSHLFSLAMV   85
NTDB id 1472 PAKAF RS23995 WP 016253893.1   MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT   85
consensus                                   ! !!   !  *!*!!!!!!!!!!!!!!!*!!!!!!!! !!  *! ! *! !!* !*!*!!!!!!!! * !***     *! !!*

logo
NTDB id 115731 N018 RS21530 WP 024644958.1  DAIMLSGLFYAAGGPSSGIGNLLIASVAISNVLLRGRIGLLIAAVSAIGIIYLTFYISFGTPSVSNDYVQAGSLGALCFAAALLV   170
NTDB id 1472 PAKAF RS23995 WP 016253893.1   DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI   170
consensus                                   ! *!!*!!!!!*!!**!!!! !!*  !!! !*!!!!!!!!*!!!   *!**!!!!**!  *!  *!*!!!!! !! !!!!!!!**

logo
NTDB id 115731 N018 RS21530 WP 024644958.1  QALTARMQTSEVLAEQRAADVDSLEELNALILQRMRTGILVLDARRQVLLANQGALSLLGHERLVGQVIDAYSPQLVERLRQWLI   255
NTDB id 1472 PAKAF RS23995 WP 016253893.1   QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL   255
consensus                                   !!!  !   *! !!! !!  !  !!!!!!!!!!!!!!!!!!*! !  *!!!!!*!! !! ** * !  *  *!! !*****!! *

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NTDSMRDRTLTWPIGPTVQPSFVSLNREDQRQVLIFLEDLSQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAYSHAAQLLQESEE
NTDILLPSTKSSADGPELQPSFIALNREDDQHTLIFLEDISQIAQQAQQMKLAALGRLTAGIAHEIRNPLGAYSHAAQLLNESEA
NTD id 115731 N018 RS21530 WP 024644958.1  NPIMLPRSITSSAIGPELQPSFVALNRGDQRQTLIFLEDLSQIAHQAQQLKLAALGRLTAGIAHEIRNPLGAVSHAAQLLNESEA   340
NTD id 1472 PAKAF RS23995 WP 016253893.1   NPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESEE   340
consensus                                  !! * !***   * !! *!!!!* !!! !  * !!!!!!*!!!!*!!!!*!!!*!!!!!!!!!!!!!!!!!!*!!!!!!!*!!!

logo
NTD id 115731 N018 RS21530 WP 024644958.1  LSAPDRRLGQIIHDQSQRIDRVIENVLQLSRRREAQPQLLDLKVWLDAFVADFRDSVLPNQLLHVEVHSGTLTTRMDAEQLTQVV   425
NTD id 1472 PAKAF RS23995 WP 016253893.1   LDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQVL   425
consensus                                  ! !!!!!! !!!*!!! !*  !!!!!!!!!!!! ! !! !!!! !!  !! ***  * *   !!* ** ! * !!!!**!! !!*

logo
NTD id 115731 N018 RS21530 WP 024644958.1  TNLVQNGLRYSSRNHPLAQVWLKLHHDLQSDLPILEVLDDGPGVSEPHLSKLFEPFFTTESKGTGLGLYLSRELCESNQAHLEYA   510
NTD id 1472 PAKAF RS23995 WP 016253893.1   SNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDYR   510
consensus                                  *!!!!!!!!!!   !* *!!!! !**!* !!!!*!!**!!!!!! * **!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!***!

logo
NTD id 115731 N018 RS21530 WP 024644958.1  PRADGGSCLRITFAHPFKTS   530
NTD id 1472 PAKAF RS23995 WP 016253893.1   NREEGGGCFRITFAHPRKLS   530
consensus                                  *! *!! ! !!!!!!! ! !
```

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