```
logo
NTDB id 55397 PSEST RS03455 WP 015275650.1  MGAENLTFFGDQGRRILRLYHLYRLTIGLALVLLISADLHNDLLQMSNPQLFQYGAWLYLILNMLVAVLVQSPERDLSVLGLALM   85
NTDB id 1472 PAKAF RS23995 WP 016253893.1  MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT   85
consensus                                  ! !! !    *!! !!!!!!!!!!!!!! !!!!!! *!*  *! * *! !!* ! !*!!* !*!!!* ****   !**  !!!

logo
NTDB id 55397 PSEST RS03455 WP 015275650.1  DVILLSGLFYFGGGTPSGIGNLLIVAVAIANILLRGRVGFFIAAVAATGLIYLTFYLSVSRPEASSQYVQAGALGTLCFAAALLV  170
NTDB id 1472 PAKAF RS23995 WP 016253893.1  DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI  170
consensus                                  !!**!*!!!! !!! !!!!! !!*!!!!!!!!!!!!!*!  !!! !  !!*!!!!*!!*! !*!* *!!!!!*!!!!!!!!!!**

logo
NTDB id 55397 PSEST RS03455 WP 015275650.1  QGLTRRLQVSETLARQRAEEVANLEALNALILQRMRTGIMVLDPQERVLLANQGALQLLGQDSLAGERLAPRCPDLLKALQQWRD  255
NTDB id 1472 PAKAF RS23995 WP 016253893.1  QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL  255
consensus                                  !*! !!   *!!!! !!! !!!!! !!!!!!!!!!!!!*!*!*   *!!!!!*!! !! !! * !  !****! !**** !!!

logo
NTLRPRNFKAIAGGPTLQPSFAALQHGNKLDTLVFLEDTSQIAQKAQQLKLASLGRLTASIAHEIRNPLGAISHAAQLLHESEE  340
NPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESEE  340
!!*!!!*  ! ** !!!*!!!!  !**    * !*!!!! !!!!! !!!*!!! !!!!!! !!!!!!!!!!!!!!!!!!!*!!!!

logo
LDGPDRRLAQIIQDHSRRMNLVIENVLQLSRRRQAEPQLLDLKYWLHRFVSEYRQGLNAQQTVHLETIGSSLQTRMDPNQLTQVL  425
LDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQVL  425
!!*!!!!! !!!!!*!*!!!!!!!!!!!!!!!!!!!!! !!!! !!*!!! !!*  !     *!!   *  *!!!!!!*!! !!!

logo
TNLVQNGLRYSGQQHGRAQVWLRLYREEASDLPVVEYLDDGPGIATEQLHNVFEPFFTTESKGTGLGLYLSRELCESNQARLDYR  510
SNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDYR  510
*!!!!!!!!!!*! !!!*!!!! ! !** !!!!!*!**!!!!** * !*!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 55397 PSEST RS03455 WP 015275650.1  ERPEGGSCFRIVFAHPRKLS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NREEGGGCFRITFAHPRKLS  530
consensus                                   !*!!! !!!! !!!!!!!!
```

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