```
logo
NTDB id 51756 A458 RS24965 WP 014819062.1   MGTENLTFFGDQGRRILRLYHLYRLTIGLALVLLISADLHNDLLEMSNPQLFQYGAWIYLILNIIVAVLVQNPERDLPVLGLALM    85
NTDB id 1472 PAKAF RS23995 WP 016253893.1   MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT    85
consensus                                   !  ! !    *!! !!!!!!!!!!!!!!! !!!!!! *!*  *! * *! !!* ! !*!!* !!*!!* ****   !!*  !!!

logo
NTDB id 51756 A458 RS24965 WP 014819062.1   DVILLSGLFYFGGGTPSGIGNLLIVAVAIANILLRGRVGFFIAAVAATGLIYLTFYLSIQRPEASSQYVQASALGTLCFAAAFLV   170
NTDB id 1472 PAKAF RS23995 WP 016253893.1   DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI   170
consensus                                   !!**!*!!!! !!! !!!!! !!*!!!!!!!!!!!!!!*!  !!! !  !!*!!!!*!!*  !*!* *!!!! *!!!!!!!!! **

logo
NTDB id 51756 A458 RS24965 WP 014819062.1   QGLARRLQVSETLARQRAEEVANLEALNALILQRMRTGIMVLDPQERVLLANQGALQLLGQDSLAGERLAPRCPELLKALQQWRG   255
NTDB id 1472 PAKAF RS23995 WP 016253893.1   QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL   255
consensus                                   !*! !!   *!!!!  !!! !!!!! !!!!!!!!!!!!!*!*!*   *!!!!!*!! !! !! * !  !****! !**** !!!

logo
NTDB id 51756 A458 RS24965 WP 014819062.1   NPTLRPPNLRATPGGPTLQPSFAALQHGNKLDTLVFLEDISQIAQKAQQLKLASLGRLTASIAHEIRNPLGAISHAAQLLQESEE   340
NTDB id 1472 PAKAF RS23995 WP 016253893.1   NPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESEE   340
consensus                                   !!*!!!! !*   ! !!!*!!!!   !**    * !*!!!!!!!!!! !!!*!!! !!!!!! !!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 51756 A458 RS24965 WP 014819062.1   LDGPDRRLAQIIQDHSRRMNLVIENVLQLSRRRQAEPQLLDLKYWLHRFASEFRQGLGPQQALHLDTVGSSLQTRMDPNQLTQVL   425
NTDB id 1472 PAKAF RS23995 WP 016253893.1   LDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQVL   425
consensus                                   !!*!!!!! !!!!!*!*!!!!!!!!!!!!!!!!!!!!! !!!! !!*!!  !**  ! *   !!!   *  *!!!!!!*!! !!!

logo
NTDB id 51756 A458 RS24965 WP 014819062.1   TNLVQNGLRYSGQQNPRAQVWLRLFRDEASDLPIVEVLDDGPGIAAEQLQNIFEPFFTTESKGTGLGLYISRELCESNQARLDYR   510
NTDB id 1472 PAKAF RS23995 WP 016253893.1   SNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDYR   510
consensus                                   *!!!!!!!!!!*! **!*!!!! ! !!* !!!!**!**!!!!**!* !*!*!!!!!!!!!!!!!!!!!!*!!!!!!!!!!*!!!

logo
NTDB id 51756 A458 RS24965 WP 014819062.1   EFPEGGSCFRIVFAHPRKLS   530
NTDB id 1472 PAKAF RS23995 WP 016253893.1   NREEGGGCFRITFAHPRKLS   530
consensus                                    !*!!! !!!! !!!!!!!!
```

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