```
logo
NTDB id 40780 PSEFU RS19120 WP 013792897.1  MPNSALAVRGPQGHRIFRLYHLYRLIIGVVLVLLVSADLDSELLELAHVPLFRGASWVYLMLNVLIALTLHTPNRLLPVFAVALG   85
NTDB id 1472 PAKAF RS23995 WP 016253893.1  MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT   85
consensus                                  !*   ! *  *!!*!! !!!!!!!! !!*!!!!!*! *!*  *! ! !**!!* *!!*!!* !*!*!! ! **  !!!*! *!!

logo
NTDB id 40780 PSEFU RS19120 WP 013792897.1  DVIMLSALFYAGGGTPSGIGNLLIVSVAIANILLRGRFGVLIAAAASIGMIYLTFYLSLHHSQASAQYVQVGALGALSFAAALFV  170
NTDB id 1472 PAKAF RS23995 WP 016253893.1  DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI  170
consensus                                  !!*!!**!!!!!!! !!!!! !!*! !!!!!!!!!!! !**!!!!!!*!**!!!!*!!!*** !* *!!! !*!! !*!!!!! *

logo
NTDB id 40780 PSEFU RS19120 WP 013792897.1  QGVTRRLQASESLAEQRAADVADLETLNNLILQRMRTGILVVDEQRRVLLANQAALALLDQQNLAGKILDPHCTELVKRLQQWQE  255
NTDB id 1472 PAKAF RS23995 WP 016253893.1  QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL  255
consensus                                  !** !!   *!*!!! !!  !! !! !! !!!!!!!!!!!!!    *!!!!!!!!*!! !  * !  ! *!** !**** !!

logo
NTDB id 40780 PSEFU RS19120 WP 013792897.1  NSSLRPASLQTLSDGPTLQPSFIPLQRGGQRHILILLDDISQIAQQAQQLKLVALGRLTAGIAHEIRNPLGAISHAAQLLQESED  340
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESEE  340
consensus                                  !*!!!!**!  **!!!!*!!!!!*!*!    !*!! !*!!!!!!!!!!!*!! *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*

logo
NTDB id 40780 PSEFU RS19120 WP 013792897.1  LQGPDLRLAQIIQDHSRRMNLIIENVLQLSRRRQAEPQLLDLKYWLHRFAAEFRSTAPASKVLHLAIEGSSIQTRMDPNQLNQVI  425
NTDB id 1472 PAKAF RS23995 WP 016253893.1  LDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQVL  425
consensus                                  ! *!! !! !!!!!*!*!!!!*!!!!!!!!!!!!!!! !!!! !!*!!  !**   *    !!! * *  !!!!!!!*!!!!!*

logo
NTDB id 40780 PSEFU RS19120 WP 013792897.1  TNLVQNGLRHSAKINPQGQVWLKLFRDPRSDLPVLEVLDDGEGVPADQLHHIFEPFYTTENKGTGLGLYISRELCESNQAHLHYQ  510
NTDB id 1472 PAKAF RS23995 WP 016253893.1  SNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDYR  510
consensus                                  *!!!!!!!!*!!   ** !!!!! ! !!! !!!!!!!**!!!*!!!!! !***!!!!*!!! !!!!!!!!*!!!!!!!!!!***!

logo
NTDB id 40780 PSEFU RS19120 WP 013792897.1  PREGGGACFRITFAHPRKLS   530
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NREEGGGCFRITFAHPRKLS   530
consensus                                  *!! !!*!!!!!!!!!!!!!!
```

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