```
logo
NTDB id 66432 PSCI RS05100 WP 045483641.1  MIAEPLALGSALAQRILRLYHLYRLIIGVMLVLLVSSDLDAELLEMANPSLFRAGCWIYLVFNILIVVLLERPRYKALMFSLALS   85
NTDB id 1472 PAKAF RS23995 WP 016253893.1  MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT   85
consensus                                  ! !!*! !    *!!!!!!!!!!!! !!**!!!!*!!*!*  *! * *! !!* !*!*!!!!!!!* * !***!    **! !!!*

logo

NTDB id 66432 PSCI RS05100 WP 045483641.1  DTLLLSSLFYAGGGPASGIGNLLIASVAISNILLRGRIGLLIAAVSAIGIIYLTFYLSIANPKTSSDYVQAGGLGALCFAVALLM   170
NTDB id 1472 PAKAF RS23995 WP 016253893.1  DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI   170
consensus                                  ! !*!* !!!!!!!**!!!! !!*  !!! !!!!!!!!!!*!!!   *!**!!!!*!!*  !  * *!!!!!!!! !!!! !!**

logo

NTDB id 66432 PSCI RS05100 WP 045483641.1  QALTARLRFSEVLAEQRAVDVDNLEELNGLILQRMHTGILVLDAGRRVLLINQSALNLLGHEALLGRVIDDYCPHLVERLRHWRM   255
NTDB id 1472 PAKAF RS23995 WP 016253893.1  QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL   255
consensus                                  !!!  !   *! !!! !!  ! !!!!!!*!!!!!!*!!!!!*!    *!! !! !! !! ** * !  *  **!*!******!!*

logo

NTDB id 66432 PSCI RS05100 WP 045483641.1  NPIRTADSFKNSPAGPALQASFATLNRHEQRQTLVFIEDLSQVALQAQQLKLAAIGRLTAGIAHEVRNPLGAISHAVQLLEESEE   340
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESEE   340
consensus                                  !!   *** !  ! !! *!*!! *!!!**  * !*!*!!*!!*! !!!!*!!!**!!!!!!!!!!*!!!!!!!!!! !!! !!!!

logo

NTDB id 66432 PSCI RS05100 WP 045483641.1  LPPPDRRLAQIIHEQSRRINVVIENVLQLSRRREAEPELLNLAVWLEEFVSQWRYSAAPRHQLHCETGSGVLSTRFDPDQLTQVL   425
NTDB id 1472 PAKAF RS23995 WP 016253893.1  LDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQVL   425
consensus                                  !**!!!!! !!!**!!*!*!*!!!!!!!!!!!! !!!  ! !  !!  !!  **    * * !!*  ! ! * !! !!*!! !!!

logo

NTDB id 66432 PSCI RS05100 WP 045483641.1  ANLVQNGLRHSGQAHDQAQVWLRLYHHPQSNLPTLDVLDDGAGVSEQHLGKMFEPFFTTQTKGTGLGLYLSRELCASNQAHLEYS   510
NTDB id 1472 PAKAF RS23995 WP 016253893.1  SNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDYR   510
consensus                                   !!!!!!!!*!*!!!  *!!!! ! **! ! !! !***!!!*!!*  *!  *!!!!!!! *!!!!!!!!!!!!!! !!!!***!

logo

NTDB id 66432 PSCI RS05100 WP 045483641.1  RPEGGSCLRITFAHPFKLS   530
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NREEGGGCFRITFAHPRKLS   530
consensus                                   !*!!! ! !!!!!!! !!!
```

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