```
logo
NTDB id 129905 LT40 RS19515 WP 043192821.1  MPAEAQFLGGAQAQRMLRLYHLYRLTIGLSLVLLISSNMDNRLLEVADGELFRAGSWLYLILNILVVVLMGNPRRVLPVFSLATA   85
NTDB id 1472 PAKAF RS23995 WP 016253893.1  MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT   85
consensus                                  !*!!   !   !*!!*!!!!!!!!!!!!! !!!!!!! **  *! * **!!!* !!!*!!* !!!! * ****! *!!*! !!

logo
NTDB id 129905 LT40 RS19515 WP 043192821.1  DVIMLAGLFYAGGGTPSGIGNLMIASVAMGNLLLRGRLGLLIAALATIGIIYLTFYLSISRPAAANDYLQASTLGVLCFAVWFVV  170
NTDB id 1472 PAKAF RS23995 WP 016253893.1  DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI  170
consensus                                  !!*!!*!!!!!!!! !!!!! !**  !!**!*!!!!!*!!*!!! !**!**!!!!*!!*! ! ! !*!*!!  !! !!!!   !*

logo
NTDB id 129905 LT40 RS19515 WP 043192821.1  QGLSRLLRTSENLAEQRASDVTSLEALNSLILQRMRTGILVLDTELRVQLANQGALALFGRMTLNGELIADHSTDLIERLLQWQT  255
NTDB id 1472 PAKAF RS23995 WP 016253893.1  QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL  255
consensus                                  !*! !    *! !!! !!  !  !! !! !!!!!!!!!!!!*!*   * !!!!*!!*!     **!  ** !!* !**** !!

logo
NTDB id 129905 LT40 RS19515 WP 043192821.1  NPALRVKSLKLSPTGPSIQASFIALRRGNEQQGTLVFLEDLSQIAQQAQQLKLAALGRLTASIAHEIRNPLGAISHAGQLLQESE  340
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NPSLRPPTLKVVPDGPTVQPSFISLNREDD.QHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESE  339
consensus                                  !! !!***!!* ! !!**!*!!! ! !  **!* !*!!!!*!!!!!!!!!*!!!*!!!!!! !!!!!!!!!!!!!!!*!!!!!!!

logo
NTDB id 129905 LT40 RS19515 WP 043192821.1  DLPVADRRLTQIIQDQCKRMNLIIENVLQLSRRRPSAPHPLDLKVWLEKFVSDFRATARPGQQLHMYVSDGTLETRMDANQLAQV  425
NTDB id 1472 PAKAF RS23995 WP 016253893.1  ELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQV  424
consensus                                  *!* *!!!!!!!!!!!!*!!!!!*!!!!!!!!!!!!*  !**!!!! !! *!! ****  !*   !!* *  ! * !!!!**!! !!

logo
NTDB id 129905 LT40 RS19515 WP 043192821.1  LNNLVENGLRYSAQQQGQAQVWLNLFVEPTNGLPILEVLDDGPGFAADQLQHMFEPFFTTESNGTGLGLYISRELCESNQAHLDY  510
NTDB id 1472 PAKAF RS23995 WP 016253893.1  LSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDY  509
consensus                                  ! !!! !!!!!!!! *! *!!!! !  *!   !!*!!**!!!!! *!! !***!!!!!!!! !!!!!!!*!!!!!!!!!!**!!

logo
NTDB id 129905 LT40 RS19515 WP 043192821.1  RAREKGGSCMRITFAHPRKQG   531
NTDB id 1472 PAKAF RS23995 WP 016253893.1  RNREEGGGCFRITFAHPRKLS   530
consensus                                  ! !! !! ! !!!!!!!!!
```

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