```
logo
NTDB id 59193 PCA10 RS04660 WP 016490877.1  MNADTLPAPGALSAQGRRIFRLYSLYRLLIGLALVLLISSELDDRLLDLARPELFRNASWFYLILNTLIAALVPRPRSMVQVFSL   85
NTDB id 1472 PAKAF RS23995 WP 016253893.1  MRAERL...RLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFIL   82
consensus                                  ! !* !***     !! !! !!!*!!!! !!! !!!!!!!!!*! *! ! *!!!!* *!!*!!* ! !*!  *!**! ****! !

logo
NTDB id 59193 PCA10 RS04660 WP 016490877.1  AVVDVLLLSCLFFAAGGTPSGIANLIVVSVAISNILLRGRIGLLVAAVATISLIYLTFYLSLAHPKAASQFVQAGGFGALCFAAA  170
NTDB id 1472 PAKAF RS23995 WP 016253893.1  ALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAA  167
consensus                                  !* !!!*!**!!*!*!! !!!!* !*!! !!! !!!!!!!!!!**!! !** !*!!!!*!!! *! !  **!!!!! ! !!!!!!

logo
NTDB id 59193 PCA10 RS04660 WP 016490877.1  LFIQGLSRRLQLSETLAEQRAVDVANLEALNAQILERMRTGILVLDPRNQVLLANQGAQTLLGTEHLTGRALADQCPTLLESLAQ  255
NTDB id 1472 PAKAF RS23995 WP 016253893.1  LVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQ  252
consensus                                  ! !!*! !!   *!!!!! !!  !!!!! !!! !! !!!!!!!!*!*!* *!!!!!*!  !!  *** !  !* **! !**** !

logo
NTDB id 59193 PCA10 RS04660 WP 016490877.1  WRANPTMRPQSIRAFADGPTLQPSFVHLQRANQRNTLIFLEDISQIAQQAQQLKLAALGRLTAGIAHEIRNPLGAISHAAQLLQE  340
NTDB id 1472 PAKAF RS23995 WP 016253893.1  WRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQE  337
consensus                                  !! !!**!!****  *!!!!*!!!!**!*!    * !!!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 59193 PCA10 RS04660 WP 016490877.1  SEELDGPDRRLAQIIQDHSRRMNLVIENVLQLSRRRQAEPQLLDLKYWLTRFASEFRSSSSADQTLHLSTLGSTLQTRMDPHQLT  425
NTDB id 1472 PAKAF RS23995 WP 016253893.1  SEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLN  422
consensus                                  !!!!!*!!!!! !!!!!*!*!!!!!!!!!!!!!!!!!!! !!!! !! !!  !**     !  !!!   *  *!!!!!!!!!

logo
NTDB id 59193 PCA10 RS04660 WP 016490877.1  QVLTNLVQNGLRYSAKRHSQGQVWLKLFRDSESDLPVLEYEDDGDGVPPEQVHNIFEPFFTTESKGTGLGLYISRELCESNQARL  510
NTDB id 1472 PAKAF RS23995 WP 016253893.1  QVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARI  507
consensus                                  !!!*!!!!!!!!!!!  !  !!!!! ! !!*!!!!!!!!* !!!*!!!** **!*!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!*

logo
NTDB id 59193 PCA10 RS04660 WP 016490877.1  DYKPREQGGSCFRITFAHPRKLS  533
NTDB id 1472 PAKAF RS23995 WP 016253893.1  DYRNREEGGGCFRITFAHPRKLS  530
consensus                                  !!**!! !! !!!!!!!!!!!!!
```

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