```
logo

NTDB id 154074 DE8669 RS04825 WP 065826047.1  MRRKMLNVPKGSYDGMKGFTIIEFLVAGMLSMIVLMAVGSSYFTSRKLNDAANERLSAQQDLRNAATLIVRDARMAGGFG   80
NTDB id 1138 NGFG RS02430 WP 003694978.1      MKRKMLNVPKGGYDGMKGFTIVEFLVAGLLSVIVLIAVVSSYFTSRKLNDAANERLAEQQDLRNAATLIVRDARMAGSFG   80
consensus                                     !*!!!!!!!!! !!!!!!!!!*!!!!!!*!!*!!!*!! !!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!! !!

logo

NTDB id 154074 DE8669 RS04825 WP 065826047.1  CFNMSEHPATDVVSDVAQKNRSFSLKRNG...IDKLIPIAESSNIGYPGFTQRLNALIFQYGIDDVNASADTTVVSSCAK   157
NTDB id 1138 NGFG RS02430 WP 003694978.1      CFNMSEHIGNDVVFNVAQKNALFSLKRNSTNSTNKLIPITESPNINYQNFFQVSSALIFQYGIDDVDASADTTVVSSCAA   160
consensus                                     !!!!!!!** !!!  !!!!!  !!!!!! *** !!!!! !!*!! !* ! !  !!!!!!!!!!! !!!!!!!!!!!!

logo

NTDB id 154074 DE8669 RS04825 WP 065826047.1  IAKPGKKISTLQEAKSALQINND.DKQNGNITRQRHVVNAYAVGRIAGEEGLFRFQLNDDGQWGNPQLLVKKINKMDIRY   236
NTDB id 1138 NGFG RS02430 WP 003694978.1      ISKPGKQIPTLENAKKELKIQNSDKEQNGNIARQRHVVNAYAVGKIAGEEGLFRFQLDDKGKWGNPQLLAKKVKRMRVRY   240
consensus                                     ! !!!! !*!!  !!  ! !*! *  !!!!! !!!!!!!!!!!!*!!!!!!!!!!!! ! ! !!!!!!! !!* *! *!!

logo

NTDB id 154074 DE8669 RS04825 WP 065826047.1  IYLLVENPGTPPTNSPQYIYGCPEDDDAGKEETFKYTDKFDSSTNAVTPAGVEVLLSSGTDTKIAASSDNHIYAYRIDAT   316
NTDB id 1138 NGFG RS02430 WP 003694978.1      IY................VSGCPEDEDAGKEEQFKYTDKFDSS...VTPAGVEVLLDSGSDAKIAASSDNIIYAYRINAT   301
consensus                                     !!***************** !!!!!*!!!!!! !!!!!!!!!!***!!!!!!!!!! !!*! !!!!!!!!*!!!!!! !!

logo

NTDB id 154074 DE8669 RS04825 WP 065826047.1  IRGGNVCANRTL   328
NTDB id 1138 NGFG RS02430 WP 003694978.1      IRGGNVCANRTL   313
consensus                                     !!!!!!!!!!!!
```

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