```
logo

NTDB id 150576 WX60 RS00050 WP 010359920.1  MKRKMLNVPKGGYDGMKGFTIVEFLVAGLLSIIVLIAVVSSYFTSRKLNDVANERLAIQQDLRNAATLIVRDARMAGSFGCFNMS   85
NTDB id 1138 NGFG RS02430 WP 003694978.1    MKRKMLNVPKGGYDGMKGFTIVEFLVAGLLSVIVLIAVVSSYFTSRKLNDAANERLAEQQDLRNAATLIVRDARMAGSFGCFNMS   85
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!! !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 150576 WX60 RS00050 WP 010359920.1  EHTKGDIVDSSNQTQSNLVKPGAKQENPLFSLKRSG..MDKQLIPVAESADIKYPGFIQRLNALVFQYGIDDLDASAETVVSSC   168
NTDB id 1138 NGFG RS02430 WP 003694978.1    EHIGNDVVFNV............AQKNALFSLKRNSTNSTNKLIPITESPNINYQNFFQVSSALIFQYGIDDVDASADTTVVSSC   158
consensus                                   !!   !*!   ************ ! !*!!!!!!  **    !!!* !!* ! !* ! !   !!*!!!!!!!*!!!!*! !!!!!

logo

NTDB id 150576 WX60 RS00050 WP 010359920.1  SKIAKPGKKISTLQEAKSALQITNDD.KQNGNITRQKHVVNAYAVGMIAGEEGLFRFQLDDKGKWGNPQLLAKKIKRMDVQYIYV   252
NTDB id 1138 NGFG RS02430 WP 003694978.1    AAISKPGKQIPTLENAKKELKIQNSDKEQNGNIARQRHVVNAYAVGKIAGEEGLFRFQLDDKGKWGNPQLLAKKVKRMRVRYIYV   243
consensus                                     ! !!!! !*!!  !!  ! ! ! !* !!!!! !!*!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!! ! !!!!

logo

NTDB id 150576 WX60 RS00050 WP 010359920.1  SGCPEDEDAGKEEQFKYTDRFDRSVTPAGVEVLLDSGLNAKIAASSDNSIYAYRINATIRGGNVCANRTL   322
NTDB id 1138 NGFG RS02430 WP 003694978.1    SGCPEDEDAGKEEQFKYTDKFDSSVTPAGVEVLLDSGSDAKIAASSDNIIYAYRINATIRGGNVCANRTL   313
consensus                                   !!!!!!!!!!!!!!!!!!!*!! !!!!!!!!!!!!!!  !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved