```
logo

NTDB id 1111709 HMPREF9319 RS09475 WP 003066857.1  MKKYEQIFKDLEHDITSGIYQAGDYLPTENELTQTYHMSRDTIRKALSLLAEAGLIQKIHGSGSQVIKHEQIDFP   75
NTDB id 440 SMU RS09330 WP 002273717.1             MKKYEIIFKKLEEDILKGHYQMGDYLPPEMELSQTYASSRDTVRKALQLLTKAGFIKTVQGRGSQIIKRERINFP   75
consensus                                          !!!!! !!! !!*!!  !*!! !!!!!*! !!*!!!* !!!!*!!!! !!  !! !  **! !!!*!!*! ! !!

logo

NTDB id 1111709 HMPREF9319 RS09475 WP 003066857.1  VSQLTSYKELVDAHHINSKTNVIAIDKLIVDEKLAALTGFKKNNLVWRIIRQRVVDGTASVLDIDYLDKKIVPNM  150
NTDB id 440 SMU RS09330 WP 002273717.1             VSQLTSYQELVKQLQMNVKTNVIAIDKLIVDEKLTKLTGFENKGLVWRITRQRVIDGVASILDTDYLDKALIPHM  150
consensus                                          !!!!!!! !!!  ***! !!!!!!!!!!!!!!!!  !!!!    !!!!! !!!!*!! !!*!! !!!!! **!*!

logo

NTDB id 1111709 HMPREF9319 RS09475 WP 003066857.1  TREIAEQSIYDYLENQLHLIIAFAQKEITIDQLTDRDKLLLDIGAEHHVVSVKSKVYLANKHQFQFTESRHKLEK  225
NTDB id 440 SMU RS09330 WP 002273717.1             TREIAEHSIYDYLENQLKLDIAYAQKIITIDQVSQKDKILLDLDSENHVVSVKSKVYLSNQQQFQFTESRHKLEK  225
consensus                                          !!!!!!*!!!!!!!!!!*! !!*!!! !!!!!** *!!*!!!*  !*!!!!!!!!!!! ! *!!!!!!!!!!!!!

logo

NTDB id 1111709 HMPREF9319 RS09475 WP 003066857.1  FRFVDFATRKPQ   237
NTDB id 440 SMU RS09330 WP 002273717.1             FRFVDFARRHRD   237
consensus                                          !!!!!!! !**
```

X non conserved

X similar

X ≥ 50% conserved