```
logo

NTDB id 109637 ACGHT2 RS10535 WP 003066857.1  MKKYEQIFKDLEHDITSGIYQAGDYLPTENELTQTYHMSRDTIRKALSLLAEAGLIQKIHGSGSQVIKHEQIDFPVSQLT   80
NTDB id 440 SMU RS09330 WP 002273717.1        MKKYEIIFKKLEEDILKGHYQMGDYLPPEMELSQTYASSRDTVRKALQLLTKAGFIKTVQGRGSQIIKRERINFPVSQLT   80
consensus                                     !!!!! !!! !!*!!  !*!! !!!!!*! !!*!!!* !!!!*!!!! !!  !! !  **! !!!*!!*! ! !!!!!!!

logo

NTDB id 109637 ACGHT2 RS10535 WP 003066857.1  SYKELVDAHHINSKTNVIAIDKLIVDEKLAALTGFKKNNLVWRIIRQRVVDGTASVLDIDYLDKKIVPNMTREIAEQSIY  160
NTDB id 440 SMU RS09330 WP 002273717.1        SYQELVKQLQMNVKTNVIAIDKLIVDEKLTKLTGFENKGLVWRITRQRVIDGVASILDTDYLDKALIPHMTREIAEHSIY  160
consensus                                     !! !!!  ***! !!!!!!!!!!!!!!!!  !!!!   !!!!! !!!!*!! !!*!! !!!!! **!*!!!!!!!*!!!

logo

NTDB id 109637 ACGHT2 RS10535 WP 003066857.1  DYLENQLHLIIAFAQKEITIDQLTDRDKLLLDIGAEHHVVSVKSKVYLANKHQFQFTESRHKLEKFRFVDFATRKPQ   237
NTDB id 440 SMU RS09330 WP 002273717.1        DYLENQLKLDIAYAQKIITIDQVSQKDKILLDLDSENHVVSVKSKVYLSNQQQFQFTESRHKLEKFRFVDFARRHRD   237
consensus                                     !!!!!!!*! !!*!!! !!!!!** *!!*!!!*  !*!!!!!!!!!!! ! *!!!!!!!!!!!!!!!!!!!! !**
```

X non conserved

X similar

X $\geq$ 50% conserved