```
logo

NTDB id 399422 GJE16 RS08720 WP 041172765.1  MKKYQQLFKQIQETIQNETYAVGDFLPSEHDLMEQYQVSRDTVRKALSLLQEEGLIKKIREQGSQVVKEETVNFPVSNLT   80
NTDB id 440 SMU RS09330 WP 002273717.1       MKKYEIIFKKLEEDILKGHYQMGDYLPPEMELSQTYASSRDTVRKALQLLTKAGFIKTVQGRGSQIIKRERINFPVSQLT   80
consensus                                    !!!!  *!! * ! !   *! *!!*!!*!**!   !  !!!!!!!!! !!   ! !! *   !!!**! ! *!!!!!*!!

logo

NTDB id 399422 GJE16 RS08720 WP 041172765.1  SYQELVKELGLRSKTNVVSLDKIIIDKKSSLITGFPEFRMVWKVVRQRVVDDLVSVLDTDYLDMELIPNLTRQIAEQSIY  160
NTDB id 440 SMU RS09330 WP 002273717.1       SYQELVKQLQMNVKTNVIAIDKLIVDEKLTKLTGFENKGLVWRITRQRVIDGVASILDTDYLDKALIPHMTREIAEHSIY  160
consensus                                    !!!!!!! ! *  !!!!* *!!*!*! ! * *!!!*   *!!** !!!!*! * !*!!!!!!!  !!!**!! !!!*!!!

logo

NTDB id 399422 GJE16 RS08720 WP 041172765.1  SYIENGLKLLIDYAQKEITIDHSSNRDKILMDIGKDPYVVSIKSKVYLQDGRQFQFTESRHKLEKFRFVDFAKRKK.   236
NTDB id 440 SMU RS09330 WP 002273717.1       DYLENQLKLDIAYAQKIITIDQVSQKDKILLDLDSENHVVSVKSKVYLSNQQQFQFTESRHKLEKFRFVDFARRHRD   237
consensus                                     !*!! !!! ! !!!! !!!!* !**!!!!*!*  ***!!!*!!!!!!    !!!!!!!!!!!!!!!!!!!!!*!***
```

X non conserved

X similar

X $\geq$ 50% conserved