```
logo                                

NTDB id 374 SMU RS06885 WP 002262930.1      ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNSHVPII   76
NTDB id 94074 AMQ28 RS04165 WP 053578507.1  MDDKFQNLKVMVIDDSKTIRLTAETLLQREGFEVVTAVDGFEALSKIAEVNPDIVFVDIMMPRLDGYQTCALIKNSQNYQNIPVI   85
NTDB id 1047 HON27 RS03110 WP 000389061.1   MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQNIPVI   85
NTDB id 1417 SGL RS04200 WP 014407071.1     ......MNAVLLVEDSSSQREMISGILKDHGWQVTIACDGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTKNVPVI   79
consensus                                   *** ** *******!******* ***!***!*****!*!!*!!!*!*** *!!****!***!***!*  ******** ****!*!
```

```
logo                                

NTDB id 374 SMU RS06885 WP 002262930.1      MLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTEVELT   161
NTDB id 94074 AMQ28 RS04165 WP 053578507.1  MLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVTA.....................................................   127
NTDB id 1047 HON27 RS03110 WP 000389061.1   MLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.....................................................   127
NTDB id 1417 SGL RS04200 WP 014407071.1     MCSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN.....................................................   121
consensus                                   !*!*!** !!***!***! !*!**!!!***!!*********
```

```
logo                                

NTDB id 374 SMU RS06885 WP 002262930.1      HREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD   235
NTDB id 94074 AMQ28 RS04165 WP 053578507.1  ..............................................................................   127
NTDB id 1047 HON27 RS03110 WP 000389061.1   ..............................................................................   127
NTDB id 1417 SGL RS04200 WP 014407071.1     ..............................................................................   121
consensus
```

X non conserved
X similar
X ≥ 50% conserved