```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1        ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNS    71
NTDB id 1417 SGL RS04200 WP 014407071.1       ......MNAVLLVEDSSSQREMISGILKDHGWQVTIACDGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTK    74
NTDB id 345165 C9E88 RS12665 WP 106985073.1   MDDKFQNLKVMVIDDSKTIRRTAETLLQREGCEVVTAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQ    80
NTDB id 1047 H0N27 RS03110 WP 000389061.1     MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQ    80
consensus                                     *** ** *******!******* ***!***!*****!*!!*!!!*!*****!!****!***!***!*  ******** **

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1        HVPIIMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVA   151
NTDB id 1417 SGL RS04200 WP 014407071.1       NVPVIMCSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN...............................   121
NTDB id 345165 C9E88 RS12665 WP 106985073.1   NIPVVMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVTA...............................   127
NTDB id 1047 H0N27 RS03110 WP 000389061.1     NIPVIMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS...............................   127
consensus                                     **!**!*!*!** !!***!***! !*!**!!!***!!*********

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1        KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   231
NTDB id 1417 SGL RS04200 WP 014407071.1       ......................................................................................   121
NTDB id 345165 C9E88 RS12665 WP 106985073.1   ......................................................................................   127
NTDB id 1047 H0N27 RS03110 WP 000389061.1     ......................................................................................   127
consensus

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1        KSYD   235
NTDB id 1417 SGL RS04200 WP 014407071.1       ....   121
NTDB id 345165 C9E88 RS12665 WP 106985073.1   ....   127
NTDB id 1047 H0N27 RS03110 WP 000389061.1     ....   127
consensus
```

X non conserved

X similar

X $\geq$ 50% conserved