```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1          ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNS    71
NTDB id 413 AAK55817.1 141..845( )              ......MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIR...KTS    71
NTDB id 1417 SGL RS04200 WP 014407071.1         ......MNAVLLVEDSSSSQREMISGILKDHGWQVTIACDGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTK   74
NTDB id 1170823 ACOFKU RS10105 WP 068660884.1   MDDNFQNVKVMVIDDSKTIRRTAETLLKKVGCEVITATDGFDALAKIADTHPDIIFVDIMMPRLDGYQTCALIKNNSKFK   80
NTDB id 1047 HON27 RS03110 WP 000389061.1       MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQ   80
consensus                                             * ******!********  ** **!*****! *! *!! ** * *!!****!***!***!***** **   *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1          HVPIIMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVA   151
NTDB id 413 AAK55817.1 141..845( )              SVPILMLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVA   150
NTDB id 1417 SGL RS04200 WP 014407071.1         NVPVIMCSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN.................................   121
NTDB id 1170823 ACOFKU RS10105 WP 068660884.1   STPVIMLSSKDGLFDKAKGRIVGSDEYLTKPFSKEELLGSIRQYVKS.................................   127
NTDB id 1047 HON27 RS03110 WP 000389061.1       NTPVIMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.................................   127
consensus                                        *!**!*!*!* *!!*  !* *!*!*!**!!!*  !!** *** **

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1          KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   231
NTDB id 413 AAK55817.1 141..845( )              KKYGEELDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   230
NTDB id 1417 SGL RS04200 WP 014407071.1         ......................................................................................   121
NTDB id 1170823 ACOFKU RS10105 WP 068660884.1   ......................................................................................   127
NTDB id 1047 HON27 RS03110 WP 000389061.1       ......................................................................................   127
consensus

   <0

logo
                                                
NTDB id 374 SMU RS06885 WP 002262930.1          KSYD.   235
NTDB id 413 AAK55817.1 141..845( )              RNNA*   234
NTDB id 1417 SGL RS04200 WP 014407071.1         .....   121
NTDB id 1170823 ACOFKU RS10105 WP 068660884.1   .....   127
NTDB id 1047 HON27 RS03110 WP 000389061.1       .....   127
consensus
```

X non conserved

X similar

X ≥ 50% conserved