```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1          ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNS    71
NTDB id 413 AAK55817.1 141..845( )              ......MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIR...KTS    71
NTDB id 976075 AADH33 RS02020 WP 317053280.1   MENNFDGLKVMVIDDSKTIRRTAETLLQKAGCEVVTAIDGFDALAKIVDNNPDIIFVDIMMPRLDGYQTCALIKNNPDYA    80
NTDB id 1047 HON27 RS03110 WP 000389061.1      MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQ    80
NTDB id 1417 SGL RS04200 WP 014407071.1        ......MNAVLLVEDSSSQREMISGILKDHGWQVTIACDGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTK    74
consensus                                            * ******!********  ** **!*****! *! *!! ** * *!!****!***!***!***** **    *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1          HVPIIMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVA   151
NTDB id 413 AAK55817.1 141..845( )              SVPILMLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVA   150
NTDB id 976075 AADH33 RS02020 WP 317053280.1   DKPVIMLSSKDGLFDKARGRIVGSDEYLTKPFSKDELFDAIKQYR.................................   125
NTDB id 1047 HON27 RS03110 WP 000389061.1      NIPVIMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS................................   127
NTDB id 1417 SGL RS04200 WP 014407071.1        NVPVIMCSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN................................   121
consensus                                       *!**!*!*!* *!!*  !* *!*!*!**!!!*  !!** *** **

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1          KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   231
NTDB id 413 AAK55817.1 141..845( )              KKYGEELDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   230
NTDB id 976075 AADH33 RS02020 WP 317053280.1   ......................................................................................   125
NTDB id 1047 HON27 RS03110 WP 000389061.1      ......................................................................................   127
NTDB id 1417 SGL RS04200 WP 014407071.1        ......................................................................................   121
consensus

   <0

logo
                                                
NTDB id 374 SMU RS06885 WP 002262930.1          KSYD.   235
NTDB id 413 AAK55817.1 141..845( )              RNNA*   234
NTDB id 976075 AADH33 RS02020 WP 317053280.1   .....   125
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