```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1      .....MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRK...NSHVPII    76
NTDB id 413 AAK55817.1 141..845( )          .....MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRK...TSSVPIL    76
NTDB id 27163 MAQU RS19155 WP 011787170.1   MDDNFENLKIMVIDDSKTIRRTAETLLKKVGCEVITATDGFDALAKIADSQPDIIFVDIMMPRLDGYQTCALIKNNSSFKKTPVI    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 413 AAK55817.1 141..845( )          MLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEELDLT   160
NTDB id 27163 MAQU RS19155 WP 011787170.1   MLSSKDGLFDKAKGRIVGSDQYLTKPFSKDELLNTIRQYMPQAEQ.........................................   130
NTDB id 1047 HON27 RS03110 WP 000389061.1   MLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS...........................................   127
NTDB id 1417 SGL RS04200 WP 014407071.1     MCSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN...........................................   121
consensus                                   !*!*!* *!!*  !* *!*!*!**!!!*  !!** *** **

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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 374 SMU RS06885 WP 002262930.1      HREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 413 AAK55817.1 141..845( )          HREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*   234
NTDB id 27163 MAQU RS19155 WP 011787170.1   ......................................................................   130
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