```
logo
NTDB id 374 SMU RS06885 WP 002262930.1      ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNSHVPII   76
NTDB id 413 AAK55817.1 141..845( )          ......MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIR...KTSSVPIL   76
NTDB id 1417 SGL RS04200 WP 014407071.1     ......MNAVLLVEDSSSQREMISGILKDHGWQVTIACDGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTKNVPVI   79
NTDB id 37177 TOL RS01310 WP 025264549.1    MDENFQDIKVMVIDDSKTIRRTAETLLKKVGCEVFTATDGFDALAKIADTNPDIIFVDIMMPRLDGYQTCALIKNNSKFKSTPVI   85
NTDB id 1047 HON27 RS03110 WP 000389061.1   MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQNIPVI   85
consensus                                         * ******!********  ** **!*****! *! *!! ** * *!!****!***!***!***** **    *   *!**
```

```
logo
NTDB id 374 SMU RS06885 WP 002262930.1      MLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTEVELT   161
NTDB id 413 AAK55817.1 141..845( )          MLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEELDLT   160
NTDB id 1417 SGL RS04200 WP 014407071.1     MCSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN.........................................   121
NTDB id 37177 TOL RS01310 WP 025264549.1    MLSSKDGLFDKAKGRIVGSDEYLTKPFSKEELLGSIRQHVK..........................................   126
NTDB id 1047 HON27 RS03110 WP 000389061.1   MLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.........................................   127
consensus                                   !*!*!* *!!*  !* *!*!*!**!!!*  !!** ******
```

<0

```
logo
NTDB id 374 SMU RS06885 WP 002262930.1      HREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 413 AAK55817.1 141..845( )          HREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*   234
NTDB id 1417 SGL RS04200 WP 014407071.1     ......................................................................   121
NTDB id 37177 TOL RS01310 WP 025264549.1    ......................................................................   126
NTDB id 1047 HON27 RS03110 WP 000389061.1   ......................................................................   127
consensus
```

X non conserved
X similar
X ≥ 50% conserved