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logo
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NTDB id 374 SMU RS06885 WP 002262930.1          ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNS    71
NTDB id 413 AAK55817.1 141..845( )              ......MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIR...KTS    71
NTDB id 1047 HON27 RS03110 WP 000389061.1       MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQ    80
NTDB id 53167 LC603172 RS09935 WP 002798118.1   ......MSEILLVEDSQTQRELICDLLRNSGIKVTIATDGVEALEHIQRANPDLVVLDIVMPRMNGYEVCRRLKSDPKTK    74
NTDB id 1417 SGL RS04200 WP 014407071.1         ......MNAVLLVEDSSSQREMISGILKDHGWQVTIACDGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTK    74
consensus                                             * ******!********  ** **!*****! *! !!!***   *!!****!***!***!***** **   **
```

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logo
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NTDB id 374 SMU RS06885 WP 002262930.1          HVPIIMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVA   151
NTDB id 413 AAK55817.1 141..845( )              SVPILMLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVA   150
NTDB id 1047 HON27 RS03110 WP 000389061.1       NIPVIMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.............................   127
NTDB id 53167 LC603172 RS09935 WP 002798118.1   NVPVVICSLKGEVFDRYWGMKIGADAYIVKPFEPIEFIYTIKQLLRR.............................   121
NTDB id 1417 SGL RS04200 WP 014407071.1         NVPVIMCSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN.............................   121
consensus                                       **!****! !* *!!*  !* *!*!*!**!!!*  !*** *******
```

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logo
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NTDB id 374 SMU RS06885 WP 002262930.1          KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   231
NTDB id 413 AAK55817.1 141..845( )              KKYGEELDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   230
NTDB id 1047 HON27 RS03110 WP 000389061.1       ...............................................................................   127
NTDB id 53167 LC603172 RS09935 WP 002798118.1   ...............................................................................   121
NTDB id 1417 SGL RS04200 WP 014407071.1         ...............................................................................   121
consensus
```

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   <0
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logo
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```
NTDB id 374 SMU RS06885 WP 002262930.1          KSYD.   235
NTDB id 413 AAK55817.1 141..845( )              RNNA*   234
NTDB id 1047 HON27 RS03110 WP 000389061.1       .....   127
NTDB id 53167 LC603172 RS09935 WP 002798118.1   .....   121
NTDB id 1417 SGL RS04200 WP 014407071.1         .....   121
consensus
```

X non conserved
X similar
X ≥ 50% conserved