```
logo

NTDB id 606 V4T04 RS01910 WP 003130756.1      MTSKKILIIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRK.EKDTPIIM   79
NTDB id 471 HSISS4 RS01430 WP 002883757.1     .MSKRILIVEDEKNLARFVSLELQHEGYDVVTADNGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQ.EKDTYIMM   78
NTDB id 400591 GJS34 RS07045 WP 012677660.1   .MTKRVLLVDDEEPILRLLDYHLAKEGFVTEMVTDGRTALALAEREPYDFIVLDIMLPQLDGIEVCKRLRAKGSKTPIMM   79
NTDB id 374 SMU RS06885 WP 002262930.1        ..MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRK.NSHVPIIM   77
NTDB id 413 AAK55817.1 141..845( )            ..MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRK.TSSVPILM   77
consensus                                       *!**!***!!*** *** * * *!!*****  *!!**!* ** * *!*!*!!*!!!**!!*!!******   * **!*!

logo

NTDB id 606 V4T04 RS01910 WP 003130756.1      MTARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAV.ERA.....ENTSFRDLVIDKTNRTVHRGKKV   153
NTDB id 471 HSISS4 RS01430 WP 002883757.1     MTARDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNAPA.....KASTYRDLKLDVQNRTVVRGDEA   153
NTDB id 400591 GJS34 RS07045 WP 012677660.1   VSAKSDEFDKVLALELGADDYVTKPFSPRELLARVKAILRRTEAEISGDGEE..RREPFYTMSQLRLYPERHEVYKDKEL   157
NTDB id 374 SMU RS06885 WP 002262930.1        LSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTE   157
NTDB id 413 AAK55817.1 141..845( )            LSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEE   156
consensus                                     **!*****!*!**!**!!!!!**!!!* *!!*!!**! *!!**      * *        ** *! * **   * *  *

   <0

logo

NTDB id 606 V4T04 RS01910 WP 003130756.1      IDLTRREYDLLLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKID.VEGQDSYIQTVRGLGYVMRERK..   230
NTDB id 471 HSISS4 RS01430 WP 002883757.1     IPLTKREFDLLNTLLSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKID.VPGKESYIQTVRGMGYVIREK...   229
NTDB id 400591 GJS34 RS07045 WP 012677660.1   LPLTPKEYELLLYLMKHPNMTLTRERLLERIWGYDFGQETRLVDVHIGKLREKIEDNPKAPQYIQTIRGYGYKFKELKND   237
NTDB id 374 SMU RS06885 WP 002262930.1        VELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD..   235
NTDB id 413 AAK55817.1 141..845( )            LDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*.   234
consensus                                     **!! *!**!!   !*** ***!!!*!** *!*!*** ****!!! ***!!*!!** * ** !!*!*!!*!! ***

logo

NTDB id 606 V4T04 RS01910 WP 003130756.1      ...   230
NTDB id 471 HSISS4 RS01430 WP 002883757.1     ...   229
NTDB id 400591 GJS34 RS07045 WP 012677660.1   RTS   240
NTDB id 374 SMU RS06885 WP 002262930.1        ...   235
NTDB id 413 AAK55817.1 141..845( )            ...   234
consensus
```

X non conserved

X similar

X ≥ 50% conserved