```
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 403084 GL184 RS00815 WP 000166475.1  .MTKQVLLVDDEEHILKLLDYHLSKEGFSTQLVTNGRKALALAETEPFDFILLDIMLPQLDGMEVCKRLRAKGVKTPIMM    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.ER.....AENTSFRDLVIDKTNRTVHRGKKV   153
NTDB id 471 HSISS4 RS01430 WP 002883757.1     MTARDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNAP.....AKASTYRDLKLDVQNRTVVRGDEA   153
NTDB id 403084 GL184 RS00815 WP 000166475.1  VSAKSDEFDKVLALELGADDYLTKPFSPRELLARVKAVLRRTKGEQEGD.DSDNIADDSWLFGTLKVYPERHEVYKANKL   158
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 403084 GL184 RS00815 WP 000166475.1  LSLTPKEFELLLYLMKHPNMTLTRERLLERIWGYDFGQETRLVDVHIGKLREKIEDNPKAPQFIRTIRGYGYKFKEL..   235
NTDB id 374 SMU RS06885 WP 002262930.1       VELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 413 AAK55817.1 141..845( )           LDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*   234
consensus                                    **!! *!**!!   !*** ****!!!*!** *!*!*** ****!!! ***!!*!!** * ** *! !*!!*!! ***
```

X non conserved

X similar

X $\geq$ 50% conserved