```
logo

NTDB id 606 V4T04 RS01910 WP 003130756.1     MTSKKILIIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRK.EKDTPIIMMTARD   84
NTDB id 471 HSISS4 RS01430 WP 002883757.1    .MSKRILIVEDEKNLARFVSLELQHEGYDVVTADNGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQ.EKDTYIMMMTARD   83
NTDB id 95393 QMM10 RS09790 WP 000166475.1   .MTKQVLLVDDEEHILKLLDYHLSKEGFSTQLVTNGRKALALAETEPFDFILLDIMLPQLDGMEVCKRLRAKGVKTPIMMVSAKS   84
NTDB id 374 SMU RS06885 WP 002262930.1       ..MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRK.NSHVPIIMLSAKD   82
NTDB id 413 AAK55817.1 141..845( )           ..MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRK.TSSVPILMLSAKD   82
consensus                                      *!**!***!!* * *** * * *!!*****  *!!**!* ** * *!*!*!!*!!!**!!*!!******     **!*!**!**

logo

NTDB id 606 V4T04 RS01910 WP 003130756.1     STMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAV.ER.....AENTSFRDLVIDKTNRTVHRGKKVIDLTRREYDL   163
NTDB id 471 HSISS4 RS01430 WP 002883757.1    SIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNAP.....AKASTYRDLKLDVQNRTVVRGDEAIPLTKREFDL   163
NTDB id 95393 QMM10 RS09790 WP 000166475.1   DEFDKVLALELGADDYLTKPFSPRELLARVKAVLRRTKGEQEGD.DSDNIADDSWLFGTLKVYPERHEVYKANKLLSLTPKEFEL   168
NTDB id 374 SMU RS06885 WP 002262930.1       SEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTEVELTHREFEL   167
NTDB id 413 AAK55817.1 141..845( )           SEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEELDLTHREFEL   166
consensus                                    ***!*!**!**!!!!!**!!!* *!!*!!**! *!!**                  ***! * **   * **   **!! *!**!

   <0

logo

NTDB id 606 V4T04 RS01910 WP 003130756.1     LLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKID.VEGQDSYIQTVRGLGYVMRERK.   230
NTDB id 471 HSISS4 RS01430 WP 002883757.1    LNTLLSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKID.VPGKESYIQTVRGMGYVIREK..   229
NTDB id 95393 QMM10 RS09790 WP 000166475.1   LLYLMKHPNMTLTRERLLERIWGYDFGQETRLVDVHIGKLREKIEDNPKAPQFIRTIRGYGYKFKEL..   235
NTDB id 374 SMU RS06885 WP 002262930.1       LHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 413 AAK55817.1 141..845( )           LYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*   234
consensus                                    !  !*** ***!!!*!** *!*!*** ****!!! ***!!*!!** * ** *! !*!!*!! ***
```

X non conserved

X similar

X $\geq$ 50% conserved