```
logo

NTDB id 247415 CO204 RS03355 WP 002262930.1  ..MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKNSHVPIIML   78
NTDB id 374 SMU RS06885 WP 002262930.1       ..MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKNSHVPIIML   78
NTDB id 413 AAK55817.1 141..845( )           ..MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKTSSVPILML   78
NTDB id 606 V4T04 RS01910 WP 003130756.1     MTSKKILIIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRKEKDTPIIMM   80
NTDB id 471 HSISS4 RS01430 WP 002883757.1    .MSKRILIVEDEKNLARFVSLELQHEGYDVVTADNGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQEKDTYIMMM   79
consensus                                     *!*!!!**!!!********** *!!!*******!!**!* ******!*!*!!!!!!!*!!*!!** *** * **!*!*

logo

NTDB id 247415 CO204 RS03355 WP 002262930.1  SAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTEV   158
NTDB id 374 SMU RS06885 WP 002262930.1       SAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTEV   158
NTDB id 413 AAK55817.1 141..845( )           SAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEEL   157
NTDB id 606 V4T04 RS01910 WP 003130756.1     TARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAV.ERAENTS.....FRDLVIDKTNRTVHRGKKVI   154
NTDB id 471 HSISS4 RS01430 WP 002883757.1    TARDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNAPAKAST.....YRDLKLDVQNRTVVRGDEAI   154
consensus                                    *!*!!**!*!*!!**!!!!!**!!!***!!*!!**! *!!** *     * * **     * **!! ********** * **

   <0

logo

NTDB id 247415 CO204 RS03355 WP 002262930.1  ELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 374 SMU RS06885 WP 002262930.1       ELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 413 AAK55817.1 141..845( )           DLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*   234
NTDB id 606 V4T04 RS01910 WP 003130756.1     DLTRREYDLLLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKI.DVEGQDSYIQTVRGLGYVMRERK.   230
NTDB id 471 HSISS4 RS01430 WP 002883757.1    PLTKREFDLLNTLLSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKI.DVPGKESYIQTVRGMGYVIREK..   229
consensus                                    *!!*!!**!! *!******!*!!!*!***!!*!********!!!**!*!!*!!*!*******!!*!*!!*!!***
```

X non conserved

X similar

X ≥ 50% conserved