```
logo

NTDB id 413 AAK55817.1 141..845( )      ..MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKTSSVPILML   78
NTDB id 374 SMU RS06885 WP 002262930.1  ..MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKNSHVPIIML   78
NTDB id 471 HSISS4 RS01430 WP 002883757.1 .MSKRILIVEDEKNLARFVSLELQHEGYDVVTADNGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQEKDTYIMMM  79
NTDB id 196587 BHS01 RS09465 WP 109835325.1 .MVKKILIIEDEKQLARFVSLELEHEGYNVVVRHDGRSGLEAAISQDWDMILLDLMLPELDGFEVARRLRNEKQTPITMM  79
NTDB id 606 V4T04 RS01910 WP 003130756.1 MTSKKILIIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRKEKDTPIIMM  80
consensus                                *!*!!!**!!!********** *!!!***** *!!**!* *   **!*!*!!!!!!!*!!*!!******** **!*!*

logo

NTDB id 413 AAK55817.1 141..845( )      SAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEEL  157
NTDB id 374 SMU RS06885 WP 002262930.1  SAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTEV  158
NTDB id 471 HSISS4 RS01430 WP 002883757.1 TARDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNAPAKAS.....TYRDLKLDVQNRTVVRGDEAI  154
NTDB id 196587 BHS01 RS09465 WP 109835325.1 TARDSTMDKVAGLDIGADDYITKPFAIEELLARLRANFRRQDREIQKRKKTDGT.....TFRDLTINKKNRQVERGGEVI  154
NTDB id 606 V4T04 RS01910 WP 003130756.1 TARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGH.AVERAENT.....SFRDLVIDKTNRTVHRGKKVI  154
consensus                                *!*!! *!*!*!!**!!!!!**!!!***!!*!!**! *!! *          **     ***!! *   ** * **** *

   <0

logo

NTDB id 413 AAK55817.1 141..845( )      DLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*  234
NTDB id 374 SMU RS06885 WP 002262930.1  ELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.  235
NTDB id 471 HSISS4 RS01430 WP 002883757.1 PLTKREFDLLNTLLSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKID.VPGKESYIQTVRGMGYVIREK..  229
NTDB id 196587 BHS01 RS09465 WP 109835325.1 DLTKREYDLLTTLMKNVNDVVTREQLVQNVWGYDEGTETNVVDVYIRYLRNKLD.QDGKDSYIQTVRGLGYMLRENN.  230
NTDB id 606 V4T04 RS01910 WP 003130756.1 DLTRREYDLLLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKID.VEGQDSYIQTVRGLGYVMRERK.  230
consensus                                *!!*!!**!! *!******!*!!!*!* *!!*!*** ****!!!**!*!! !**  ******!!*!*!!*!!****
```

X non conserved

X similar

X ≥ 50% conserved