```
logo
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 1130430 STHERMO RS01720 WP 002949638.1  .MSKRILIVEDERNLARFVSLELQHEGYDVVTADNGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQEKDTYIMMM   79
NTDB id 471 HSISS4 RS01430 WP 002883757.1       .MSKRILIVEDEKNLARFVSLELQHEGYDVVTADNGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQEKDTYIMMM   79
consensus                                         *!*!!!**!!***********  *!!!*******!!**!*  *  ****!*!*!!!!!!!*!!*!!***********!*!*

logo
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        TARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHA.VERAENTSF.....RDLVIDKTNRTVHRGKKVI   154
NTDB id 1130430 STHERMO RS01720 WP 002949638.1  TARDSIMDIVAGLDRGADDYIIKPFAIEELLARIRATFRRQDIEATKKAPAKASTY.....RDLKLDVQNRAVVRGDEVI   154
NTDB id 471 HSISS4 RS01430 WP 002883757.1       TARDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNAPAKASTY.....RDLKLDVQNRTVVRGDEAI   154
consensus                                       *!*!! *!*!*!!**!!!!!**!!!***!!*!!**! *!! *       * * ****     *!! **  ** * ** * *

   <0
logo
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 1130430 STHERMO RS01720 WP 002949638.1  PLTKREFDLLNTLLSNMNQVMTREELLLQVWKYDDVIETNVVDVYIRYLRGKI.DIPGKESYIQTVRGMGYVIRER..   229
NTDB id 471 HSISS4 RS01430 WP 002883757.1       PLTKREFDLLNTLLSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKI.DVPGKESYIQTVRGMGYVIREK..   229
consensus                                       *!!*!!**!!  *!******!*!!!*!* *!!*!**  ****!!!**!*!! !! !******!!*!*!!*!!*****
```

X non conserved

X similar

X $\geq$ 50% conserved