logo

```
NTDB id 372 SMU RS05280 WP 002262198.1     MNYKEKKILILDDNPEILEMVQESLNIAGFNNLTGVQSKKEALEQLGKRSFDLAILDIMLPDGSGFEVLREIRKTSTIPVLFLSA    85
NTDB id 413 AAK55817.1 141..845( )         ....MKKILIVDDEKPISDIIKFNMTKEGYEVVTAF.NGREALEQFEAEQPDIILDLMLPEIDGLEVAKTIRKTSSVPILMLSA    80
NTDB id 26481 SDEG RS02830 WP 012766682.1  ....MKKILIVDDEKPISDIIKFNLTKEGYDIVTAF.DGREAVTIFEEEKPDLIILDLMLPELDGLEVAKEIRKTSHVPIIMLSA    80
NTDB id 374 SMU RS06885 WP 002262930.1     ....MKKILIVDDEKPISDIIKFNLAKEGYDTITAF.DGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKNSHVPIIMLSA    80
NTDB id 606 V4T04 RS01910 WP 003130756.1   ..MTSKKILIIEDEKNLARFVSLELEHEGYATEIKD.NGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRKEKDTPIIMMTA    82
NTDB id 471 HSISS4 RS01430 WP 002883757.1  ...MSKRILIVEDEKNLARFVSLELQHEGYDVVTAD.NGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQEKDTYIMMMTA    81
consensus                                       !*!!!**!** * ***   *  *!** ***   ******       !***!!*!!!***! !!** *** * *******!
```

logo

```
NTDB id 372 SMU RS05280 WP 002262198.1     VSDIEKQYQGFELGADDYIVKPFRPKELELRILSILKRAYPEKDD...........TLILPTCQVNFSQALITKGELEIQLTAKE   159
NTDB id 413 AAK55817.1 141..845( )         KDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPV..DGQEADSKPQPIQIGDLEIVPDAYVAKKYGEELDLTHRE   163
NTDB id 26481 SDEG RS02830 WP 012766682.1  KDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTETIETAVAEENASSGSQELTIGNLQILPDAFVAKKHGKEVELTHRE   165
NTDB id 374 SMU RS06885 WP 002262930.1     KDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENA.SGIPEIIIGDLQILPDAFVAKKRGTEVELTHRE   164
NTDB id 606 V4T04 RS01910 WP 003130756.1   RDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAV.ERA......ENTSFRDLVIDKTNRTVHRGKKVIDLTRRE   160
NTDB id 471 HSISS4 RS01430 WP 002883757.1  RDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNAPA......KASTYRDLKLDVQNRTVVRGDEAIPLTKRE   160
consensus                                  ***  *** !***!!!!!**!!!  *!!**!*** **! *                 * * ** *     *  *   ***!! *!
```

<0

logo

```
NTDB id 372 SMU RS05280 WP 002262198.1     YSILKVLYNNQNRIVTFDQLLEKVWGLQYQGYENTMMAHIRKIRQKIEANPSKPECLLTVKGLGYKLKVS..   229
NTDB id 413 AAK55817.1 141..845( )         FELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*   234
NTDB id 26481 SDEG RS02830 WP 012766682.1  FELLHHLANHMGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   236
NTDB id 374 SMU RS06885 WP 002262930.1     FELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 606 V4T04 RS01910 WP 003130756.1   YDLLLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKI.DVEGQDSYIQTVRGLGYVMRERK.   230
NTDB id 471 HSISS4 RS01430 WP 002883757.1  FDLLNTLLSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKI.DVPGKESYIQTVRGMGYVIREK..   229
consensus                                  ***!  !    ****!***!** !!****  **  **** *!**! !!** ********! *!*!! **
```

X non conserved

X similar

X ≥ 50% conserved