```
logo
NTDB id 372 SMU RS05280 WP 002262198.1      MNYKEKKILILDDNPEILEMVQESLNIAGFNNLTGVQSKKEALEQLGKRSFDLAILDIMLPDGSGFEVLREIRKTSTIPVLFLSA   85
NTDB id 413 AAK55817.1 141..845( )          ....MKKILIVDDEKPISDIIKFNMTKEGYEVVTAF.NGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKTSSVPILMLSA   80
NTDB id 27320 GALLO RS08060 WP 009854646.1  ....MKKILIVDDEKPISDIIKFNLTKEGYETVTAF.DGREAITKFEEEDPDLIILDLMLPELDGLEVAKEVRKTSHIPIIMLSA   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      VSDIEKQYQGFELGADDYIVKPFRPKELELRILSILKRAYPEKDDT...........LILPTCQVNFSQALITKGELEIQLTAKE   159
NTDB id 413 AAK55817.1 141..845( )          KDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVD..GQEADSKPQPIQIGDLEIVPDAYVAKKYGEELDLTHRE   163
NTDB id 27320 GALLO RS08060 WP 009854646.1  KDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIETAVAEENASASNSEITIGDLKILPDAFVAQKRGEDIELTHRE   165
NTDB id 374 SMU RS06885 WP 002262930.1      KDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASG.IPEIIIGDLQILPDAFVAKKRGTEVELTHRE   164
NTDB id 606 V4T04 RS01910 WP 003130756.1    RDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAV.......ERAENTSFRDLVIDKTNRTVHRGKKVIDLTRRE   160
NTDB id 471 HSISS4 RS01430 WP 002883757.1   RDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKN......APAKASTYRDLKLDVQNRTVVRGDEAIPLTKRE   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 27320 GALLO RS08060 WP 009854646.1  FELLHHLATHMGQVMTREYLLETVWGYDYFGDVRTVDVTIRRLREKIEDTPSRPEYILTRRGVGYYMKSYE.   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 $\geq$ 50% conserved