```
logo

NTDB id 413 AAK55817.1 141..845( )          .....MKKILIVDDEKPISDIIKFNMTKEGYEVVTA.FNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKTSSVP   74
NTDB id 374 SMU RS06885 WP 002262930.1      .....MKKILIVDDEKPISDIIKFNLAKEGYDTITA.FDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKNSHVP   74
NTDB id 969429 MHH25 RS02200 WP 036616668.1 MELLKNKKILIVDDEPEIREMIERFLRKEGFFRIYTAGNFVNALAVCRLEKPDAAILDVMLPDGDGFSLLSSIRSFSDMP   80
NTDB id 372 SMU RS05280 WP 002262198.1      .MNYKEKKILILDDNPEILEMVQESLNIAGFNNLTGVQSKKEALEQLGKRSFDLAILDIMLPDGSGFEVLREIRKTSTIP   79
consensus                                       **!!!!!*!!***!******* **!** *** *****!!**** ***!* !!!*!!!***! ** ***!**!**!

logo

NTDB id 413 AAK55817.1 141..845( )          ILMLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKY  153
NTDB id 374 SMU RS06885 WP 002262930.1      IIMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKR  154
NTDB id 969429 MHH25 RS02200 WP 036616668.1 VLFLSARGEDEDRLLGLGLGADDYMVKPFLPRELILRLMAILKRVYAS......NTVERLPVFRLGGQTIDLESAVVQRT  154
NTDB id 372 SMU RS05280 WP 002262198.1      VLFLSAVSDIEKQYQGFELGADDYIVKPFRPKELELRILSILKRAYPE......KDDT....LILPTCQVNFSQALITKG  149
consensus                                   ** !!!**** ****!***!!!!!* !!!***!!* !****!*!****       * ***** ******************

logo

NTDB id 413 AAK55817.1 141..845( )          GEELDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNN  233
NTDB id 374 SMU RS06885 WP 002262930.1      GTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSY  234
NTDB id 969429 MHH25 RS02200 WP 036616668.1 DRELPLTAKEHAILIKLYENQGRIVTSDALCQAVWGDESYGYENTLMVHVRRIREKIEEDPSKPIFLLTVRGLGYKLMVQ  234
NTDB id 372 SMU RS05280 WP 002262198.1      ELEIQLTAKEYSILKVLYNNQNRIVTFDQLLEKVWGLQYQGYENTMMAHIRKIRQKIEANPSKPECLLTVKGLGYKLKVS  229
consensus                                   * !**!!**!***! *! ** * **!***!***!!!****!   !* ***!**!*!!!**!!*!***!! *!*!! ****

   <0

logo

NTDB id 413 AAK55817.1 141..845( )          A*.   234
NTDB id 374 SMU RS06885 WP 002262930.1      D..   235
NTDB id 969429 MHH25 RS02200 WP 036616668.1 ESR   237
NTDB id 372 SMU RS05280 WP 002262198.1      ...   229
consensus                                   *
```

X non conserved

X similar

X ≥ 50% conserved