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logo

NTDB id 413 AAK55817.1 141..845( )          .....MKKILIVDDEKPISDIIKFNMTKEGYEVVT.AFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKTSSVP   74
NTDB id 374 SMU RS06885 WP 002262930.1      .....MKKILIVDDEKPISDIIKFNLAKEGYDTIT.AFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKNSHVP   74
NTDB id 398533 GDS87 RS08215 WP 369595211.1 MENLKEKKILIVDDELEMIIMIEKFLRKEGFFRIYTAADFASALSICRTVKPDIAILDVMLPDGDGFSLLTSIRQFSEIP   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 398533 GDS87 RS08215 WP 369595211.1 VLFLSARGEDEDRLLGLGLGADDYIVKPFLPRELVLRLTAILKRVYSSPVTED......SVVFRLEDLIIDLDSAVVQRN  154
NTDB id 372 SMU RS05280 WP 002262198.1      VLFLSAVSDIEKQYQGFELGADDYIVKPFRPKELELRILSILKRAYPEKD..D......T..LILPTCQVNFSQALITKG  149
consensus                                   ** !!!**** ****!***!!!!!* !!!***!!* !****!*!****** * *  * *  ****************

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NTDB id 413 AAK55817.1 141..845( )          GEELDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNN  233
NTDB id 374 SMU RS06885 WP 002262930.1      GTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSY  234
NTDB id 398533 GDS87 RS08215 WP 369595211.1 QEEIPLTAKEHAILQKLYNNNGKIVTSDALCQAVWGDDSYGYENTLMVHMRRIREKIEQDPSKPTHLLTVRGLGYKLLLK  234
NTDB id 372 SMU RS05280 WP 002262198.1      ELEIQLTAKEYSILKVLYNNQNRIVTFDQLLEKVWGLQYQGYENTMMAHIRKIRQKIEANPSKPECLLTVKGLGYKLKVS  229
consensus                                   **!**!!**!***! *! *******!***!***!!!****!   !* ***!**!*!!!**!!*!***!! *!*!! ***

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logo

NTDB id 413 AAK55817.1 141..845( )          A*.   234
NTDB id 374 SMU RS06885 WP 002262930.1      D..   235
NTDB id 398533 GDS87 RS08215 WP 369595211.1 ETN   237
NTDB id 372 SMU RS05280 WP 002262198.1      ...   229
consensus                                   *
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X non conserved

X similar

X ≥ 50% conserved