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logo

NTDB id 413 AAK55817.1 141..845( )          .....MKKILIVDDEKPISDIIKFNMTKEGYEVVTAF.NGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKTSSVP   74
NTDB id 374 SMU RS06885 WP 002262930.1      .....MKKILIVDDEKPISDIIKFNLAKEGYDTITAF.DGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKNSHVP   74
NTDB id 299385 AB432 RS15315 WP 048033011.1 MEEWKQKKVLIVEDELEIRNMIDGFLRKEGFSRIFHAGSCKEALVICASDKPDVAILDVMLPDGDGFGLLTSIRRFSQIP   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 299385 AB432 RS15315 WP 048033011.1 VIFLSARGEDEDRLLGLGLGADDYIVKPFLPRELVLRLLVILRRVYAPP......QIDRLPVFQLGDSTVDLEAAIVTRD  154
NTDB id 372 SMU RS05280 WP 002262198.1      VLFLSAVSDIEKQYQGFELGADDYIVKPFRPKELELRILSILKRAYPEK......DD....TLILPTCQVNFSQALITKG  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 299385 AB432 RS15315 WP 048033011.1 HHEYALTAKEHALLRKLYENRGRIVTSDALCQSVWGDDYYGYENTLMVHMRRIREKIEPCPSTPEYLLTVRGLGYKLLVK  234
NTDB id 372 SMU RS05280 WP 002262198.1      ELEIQLTAKEYSILKVLYNNQNRIVTFDQLLEKVWGLQYQGYENTMMAHIRKIRQKIEANPSKPECLLTVKGLGYKLKVS  229
consensus                                   * !**!!**!***!**! **** **!***!***!!!**!*!   !* ***!**!*!!!**!!*!!**!! *!*!! ***

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NTDB id 413 AAK55817.1 141..845( )          A*.   234
NTDB id 374 SMU RS06885 WP 002262930.1      D..   235
NTDB id 299385 AB432 RS15315 WP 048033011.1 EES   237
NTDB id 372 SMU RS05280 WP 002262198.1      ...   229
consensus                                   *
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X non conserved

X similar

X ≥ 50% conserved