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logo

NTDB id 413 AAK55817.1 141..845( )      ..MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKTSSVPILML   78
NTDB id 374 SMU RS06885 WP 002262930.1  ..MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKNSHVPIIML   78
NTDB id 606 V4T04 RS01910 WP 003130756.1 MTSKKILIIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLRKEKDTPIIMM  80
NTDB id 977251 MGAS37850 RS01705 WP 002991052.1 .MTKKILIIEDEKNLARFVSLELQHEGYEVIVEVNGREGLETALEKEFDLILLDLMLPEMDGFEVTRRLQTEKTTYIMMM  79
NTDB id 471 HSISS4 RS01430 WP 002883757.1 .MSKRILIVEDEKNLARFVSLELQHEGYDVVTADNGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQQEKDTYIMMM  79
consensus                                *!*!!!**!!!********** *!!!***** *!!**!* * ****!*!*!!!!!!!*!!*!!******** **!*!*
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logo

NTDB id 413 AAK55817.1 141..845( )      SAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEEL  157
NTDB id 374 SMU RS06885 WP 002262930.1  SAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTEV  158
NTDB id 606 V4T04 RS01910 WP 003130756.1 TARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAVE......RAENTSFRDLVIDKTNRTVHRGKKVI  154
NTDB id 977251 MGAS37850 RS01705 WP 002991052.1 TARDSIMDVVAGLDRGADDYIVKPFAIEELLARIRAIFRRQDIESEKKV.....PSQ.GIYRDLVLNPQNRSVNRGDDEI  153
NTDB id 471 HSISS4 RS01430 WP 002883757.1 TARDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNA.....PAKASTYRDLKLDVQNRTVVRGDEAI  154
consensus                                *!*!! *!*!*!!**!!!!!**!!!***!!*!!**! *!! *                **!! * * **** ** ***
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logo

NTDB id 413 AAK55817.1 141..845( )      DLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*  234
NTDB id 374 SMU RS06885 WP 002262930.1  ELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.  235
NTDB id 606 V4T04 RS01910 WP 003130756.1 DLTRREYDLLLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKI.DVEGQDSYIQTVRGLGYVMRERK.  230
NTDB id 977251 MGAS37850 RS01705 WP 002991052.1 SLTKREYDLLNILMTNMNRVMTREELLSNVWKYDEAVETNVVDVYIRYLRGKI.DIPGKESYIQTVRGMGYVIREK..  228
NTDB id 471 HSISS4 RS01430 WP 002883757.1 PLTKREFDLLNTLLSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKI.DVPGKESYIQTVRGMGYVIREK..  229
consensus                                *!!*!!**!!  !******!*!!!*!* *!!*!*** ****!!!**!*!! !! !*******!!*!*!!*!!*****
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X non conserved

X similar

X $\geq$ 50% conserved