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logo
NTDB id 147 SP RS03905 WP 000590640.1      ......MIKILLVEDDLGLSNSVFDFLD..DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELRE..KGITTPV   75
NTDB id 183 SPR RS03560 WP 000590640.1     ......MIKILLVEDDLGLSNSVFDFLD..DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELRE..KGITTPV   75
NTDB id 217 SPD RS03775 WP 000590640.1     ......MIKILLVEDDLGLSNSVFDFLD..DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELRE..KGITTPV   75
NTDB id 258 KZH43 RS03475 WP 000590640.1   ......MIKILLVEDDLGLSNSVFDFLD..DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELRE..KGITTPV   75
NTDB id 362 SMU RS05200 WP 002262214.1     ......MIKLLLVEDDLSLSNSIFDFLD..DFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELRE..KGITTPV   75
NTDB id 1047 HON27 RS03110 WP 000389061.1  MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAV.DGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQNIPV   84
NTDB id 1417 SGL RS04200 WP 014407071.1    ......MNAVLLVEDSSSQREMISGILKDHGWQVTIAC.DGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTKNVPV   78
NTDB id 372 SMU RS05280 WP 002262198.1     ..MNYKEKKILILDDNPEILEMVQESLNIAGFNNLTGVQSKKEALEQLGKRSFDLAILDIMLPDGSGFEVLREIR...KTSTIPV   80
NTDB id 374 SMU RS06885 WP 002262930.1     ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAF.DGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNSHVPI   75
NTDB id 413 AAK55817.1 141..845( )         ......MKKILIVDDEKPISDIIKFNMTKEGYEVVTAF.NGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIR...KTSSVPI   75
NTDB id 606 V4T04 RS01910 WP 003130756.1   ....MTSKKILIIEDEKNLARFVSLELEHEGYATEIKD.NGRSGLEEATSKDYDLILLDLMLPELDGFEVARRLR...KEKDTPI   77
NTDB id 471 HSISS4 RS01430 WP 002883757.1  .....MSKRILIVEDEKNLARFVSLELQHEGYDVVTAD.NGREGLEMALEKDFDLILLDLMLPEMDGFEVTRRLQ...QEKDTYI   76
consensus                                     * ******!*  **  *   *   **  ** * ** **!  **   *!****!***!*  !* * ****   *  ****

logo
NTDB id 147 SP RS03905 WP 000590640.1      LIMTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNENT..........LTYGNIVVNLSTNTVKVEDTPVEL   150
NTDB id 183 SPR RS03560 WP 000590640.1     LIMTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNENT..........LTYGNIVVNLSTNTVKVEDTPVEL   150
NTDB id 217 SPD RS03775 WP 000590640.1     LIMTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNENT..........LTYGNIVVNLSTNTVKVEDTPVEL   150
NTDB id 258 KZH43 RS03475 WP 000590640.1   LIMTAKESLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNENT..........LTYGNIVVNLSTNTVKVEDTPVEL   150
NTDB id 362 SMU RS05200 WP 002262214.1     LIMTAKEGLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNENN..........LTYGELTVDTATNTTMVNGKEVEL   150
NTDB id 1047 HON27 RS03110 WP 000389061.1  IMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.......................................   127
NTDB id 1417 SGL RS04200 WP 014407071.1    IMCSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN.........................................   121
NTDB id 372 SMU RS05280 WP 002262198.1     LFLSAVSDIEKQYQGFELGADDYIVKPFRPKELELRILSILKRAYPEKDDT..........LILPTCQVNFSQALITKGELEIQL   155
NTDB id 374 SMU RS06885 WP 002262930.1     IMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTEVEL   160
NTDB id 413 AAK55817.1 141..845( )         LMLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEELDL   159
NTDB id 606 V4T04 RS01910 WP 003130756.1   IMMTARDSTMDRVAGLDIGADDYITKPFAIEELLARVRAFFRREEHGHAV.ERAENTS.....FRDLVIDKTNRTVHRGKKVIDL   156
NTDB id 471 HSISS4 RS01430 WP 002883757.1  MMMTARDSIMDIVAGLDRGADDYIVKPFAIEELLARIRATFRRQDIEAAKNAPAKAST.....YRDLKLDVQNRTVVRGDEAIPL   156
consensus                                  ********* **  ! **!*!*!**!!! **!!  ** ******                * ** * *     **      ***

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logo
NTDB id 147 SP RS03905 WP 000590640.1      LGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGT.TFAENLQTLRSVGYLLKDVQ.   224
NTDB id 183 SPR RS03560 WP 000590640.1     LGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGT.TFAENLQTLRSVGYLLKDVQ.   224
NTDB id 217 SPD RS03775 WP 000590640.1     LGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGT.TFAENLQTLRSVGYLLKDVQ.   224
NTDB id 258 KZH43 RS03475 WP 000590640.1   LGKEFDLLVYFLQNQNVILPKTQIFDRLWGFDSDTTISVVEVYVSKVRKKLKGT.TFAENLQTLRSVGYLLKDVQ.   224
NTDB id 362 SMU RS05200 WP 002262214.1     LGKEFDLLVYFLQNQNVILPKSQIFDRIWGFDSDTTISVVEVYVSKIRKKLKDT.TFGKNLQTLRSVGYILKDAN.   224
NTDB id 1047 HON27 RS03110 WP 000389061.1  ......................................................................................   127
NTDB id 1417 SGL RS04200 WP 014407071.1    ......................................................................................   121
NTDB id 372 SMU RS05280 WP 002262198.1     TAKEYSILKVLYNNQNRIVTFDQLLEKVWGLQYQGYENTMMAHIRKIRQKIEANPSKPECLLTVKGLGYKLKVS..   229
NTDB id 374 SMU RS06885 WP 002262930.1     THREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 413 AAK55817.1 141..845( )         THREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA    234
NTDB id 606 V4T04 RS01910 WP 003130756.1   TRREYDLLLTLMQNVGDVVTREHLVSQVWGYEEGTETNVVDVYIRYLRNKI.DVEGQDSYIQTVRGLGYVMRERK.   230
NTDB id 471 HSISS4 RS01430 WP 002883757.1  TKREFDLLNTLLSNMNQVMTREELLLQVWKYDDAIETNVVDVYIRYLRGKI.DVPGKESYIQTVRGMGYVIREK..   229
consensus                                    ******   *** * ** *  * * *****    * ****** *** **  * *  * ***** ********
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X non conserved
X similar
X $\geq$50% conserved