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logo

NTDB id 1271 LPP RS03220 WP 011213198.1        MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG   80
NTDB id 1248 GC085 RS03150 WP 011213198.1      MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG   80
NTDB id 1001327 ABEB33 RS00630 WP 406851039.1  MSLAVLRSRALAGMSAPPVTVEVHLANGLPAFTIVGLPEAEVKEAKDRVRAALQNARFEFPARRIECSQP..........   70
NTDB id 1153 A1552VC RS00115 WP 000521788.1    MGLAIIHSRASIGVQAPPVTVEVHISNGMPGFTLVGLPETTVKESRDRVRSAIINSRFEFPAKRITVNLAPADLPKEGGR   80
NTDB id 1397 DSB67 RS15690 WP 005535577.1      MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSAIVNSNFQFPAKRITVNLAPADLPKEGGR   80
NTDB id 1349 HI 1117 AAC22771.1                MSLAIVYSRASMGVQAPLVTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR   80
NTDB id 1387 A4U84 RS06900 WP 020457569.1      MSLAIIYSRASIGVEAPLVTIEVHISGGSPGLTLVGLPEKSVKEAQDRVRSALMNANFDYPARRITINLAPADLPKEGGR   80
consensus                                      !*!!** *!***!* !**!**!!!***!*!**!*!!!*!**!!!**!!!!*!**!**!**!***!**************

logo

NTDB id 1271 LPP RS03220 WP 011213198.1        FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKDNQHLIIANANAAEASLTGHQKVFTANNL  160
NTDB id 1248 GC085 RS03150 WP 011213198.1      FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKDNQHLIIANANAAEASLTGHQKVFTANNL  160
NTDB id 1001327 ABEB33 RS00630 WP 406851039.1  ......................................................................................   70
NTDB id 1153 A1552VC RS00115 WP 000521788.1    FDLPIALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAALAANQVERCLVVPHSNGDQAALVGVERHKSAQSL  160
NTDB id 1397 DSB67 RS15690 WP 005535577.1      FDLPIALGILAASEQIATDKLKNYEFVGELALSGGLRTVKGVLPAALAANKKQRHLVVPHANGDQAALVGKEQHKSAQSL  160
NTDB id 1349 HI 1117 AAC22771.1                FDLPIAIGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKSKRELIIAKQNANEASLVSDQNTYFAQTL  160
NTDB id 1387 A4U84 RS06900 WP 020457569.1      FDLPIAIGILAASGQIDSDKLKRIELLGELSLTGHLRGVHGAIPAVLAASKAKREIIVPQQNANEVSLVSNTQTYCASTL  160
consensus                                      ***************    * * ********* **** ********* *  * ***   ** ******    ******

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NTDB id 1271 LPP RS03220 WP 011213198.1        REVCDYLCQGTSLQSLPPKPDL....LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLLP  236
NTDB id 1248 GC085 RS03150 WP 011213198.1      REVCDYLCQGTSLQSLPPKPDL....LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLLP  236
NTDB id 1001327 ABEB33 RS00630 WP 406851039.1  ......................................................................................   70
NTDB id 1153 A1552VC RS00115 WP 000521788.1    LEVCADLCGQQTLSLFQSSPSV....QQVSQTRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLLP  236
NTDB id 1397 DSB67 RS15690 WP 005535577.1      LEVCAELCGQHQLNLYQTPKKK....ELKAHGRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLLP  236
NTDB id 1349 HI 1117 AAC22771.1                LDVVQFLNGQEKLPLATEIVKESAVNFSGKNTLDLTDIIGQQHAKRALTIAAAGQHNLLFLGPPGTGKTMLASRLTGLLP  240
NTDB id 1387 A4U84 RS06900 WP 020457569.1      LQVVNFLNNRDQLPLAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIIAASGQHNLLFLGPPGTGKTMLASRLADLLP  239
consensus                                      **** ***    * *                 ************** ***  ********************   ***

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NTDB id 1271 LPP RS03220 WP 011213198.1        ELSETQALECAAINSIRGKLPDFREWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLETLR  316
NTDB id 1248 GC085 RS03150 WP 011213198.1      ELSETQALECAAINSIRGKLPDFREWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLETLR  316
NTDB id 1001327 ABEB33 RS00630 WP 406851039.1  ......................................................................................   70
NTDB id 1153 A1552VC RS00115 WP 000521788.1    EMSDEEAMETASIASLTQQEINQHNWKLRPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLDSLR  316
NTDB id 1397 DSB67 RS15690 WP 005535577.1      EMSDEEAMETASVASLTQSEINEHNWKTRPFRAPHHSSSMAALVGGGSVPRPGEISLAHNGLLFLDEMPEFDRKVLDSLR  316
NTDB id 1349 HI 1117 AAC22771.1                EMTDLEAIETASVTSLVQNELNFHNWKQRPFRAPHHSASMPALVGGGTIPKPGEISLATNGVLFLDELPEFERKVLDALR  320
NTDB id 1387 A4U84 RS06900 WP 020457569.1      EMEDDEAIETASVTSLVQNELNFQNWKKRPFRSPHHSASMVALVGGGSIPKPGEISLAHNGVLFLDELPEFERKVLDALR  319
consensus                                      **** ******* ** * **** *** ************ ****************************************
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logo
NTDB id 1271 LPP RS03220 WP 011213198.1        EPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQEEL   396
NTDB id 1248 GC085 RS03150 WP 011213198.1      EPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQEEL   396
NTDB id 1001327 ABEB33 RS00630 WP 406851039.1  ......................................................................................    70
NTDB id 1153 A1552VC RS00115 WP 000521788.1    EPLESGEIVISRAQGKTRFPARFQLVGALNPSPTGYYEGSQAR..ANPQSILRYLSRLSGPLLDRFDMSIEIPALPKGTL   394
NTDB id 1397 DSB67 RS15690 WP 005535577.1      EPLESGEIIISRAQGKTRFPARFQIVGALNPSPTGYYEGNQAR..TNPQAILRYLGRLSGPLLDRFDMSLEIPALPKGTL   394
NTDB id 1349 HI 1117 AAC22771.1                QPLESGEIIISRANAKIQFPARFQLVAAMNPSPTGHYTGTHNR..TSPQQIMRYLNRLSGPFLDRFDLSIEVPLLPQGSL   398
NTDB id 1387 A4U84 RS06900 WP 020457569.1      QPLESGEIIISRANAKVQFPACFQLIAAMNPSPTGHYQGTHNR..TSPQQLMRYLNRLSGPFLDRFDLSIEVPLLPQGAL   397
consensus                                      ********************** ****************** * *****   *** ***** ********************** *

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NTDB id 1271 LPP RS03220 WP 011213198.1        IKPNTHLEKQSLAIREKVTKMHEIQMARQDSLNANLNSKTCEMVCELGSEEQLFLREVMSKLKLSARGYHRLLKVSRTIA   476
NTDB id 1248 GC085 RS03150 WP 011213198.1      IKPNTHLEKQSLAIREKVTKMHEIQMARQDSLNANLNSKTCEMVCELGSEEQLFLREVMSKLKLSARGYHRLLKVSRTIA   476
NTDB id 1001327 ABEB33 RS00630 WP 406851039.1  ......................................................................................    70
NTDB id 1153 A1552VC RS00115 WP 000521788.1    ANG.GDRGESIAAVRQRVWVARERMLARSGKVNALLQSREIEQYCPLLKADAEFLESALHRLGLSIRAYHRIIKVARTIA   473
NTDB id 1397 DSB67 RS15690 WP 005535577.1      SEG.GDRGEPTAIVKERVNQARDCMLARSGKVNALLGSREIEAFCPLQKSDAEFLENALHRLGLSIRAYHRIIKVARTIA   473
NTDB id 1349 HI 1117 AAC22771.1                QNT.GDRGETSAQVREKVLKVREIQMERAGKINAYLNSKEIERDCKLNDKDAFFLEKALNKLGLSVRAYHRILKVSRTIA   477
NTDB id 1387 A4U84 RS06900 WP 020457569.1      QNNTDQRGETTEQARKRVLEARHLQFNRRGKINAQLTTKEIEQDCKLTDRDALFLENALTKLGLSVRAYHRILKVSRTIA   477
consensus                                            *** *  *****   ******* ***** *******  * *   ** *** ** ******************

logo
NTDB id 1271 LPP RS03220 WP 011213198.1        DMNSSKKVLLNHLQQALSYKQNLHLPK.......   503
NTDB id 1248 GC085 RS03150 WP 011213198.1      DMNSSKKVLLNHLQQALSYKQNLHLPK.......   503
NTDB id 1001327 ABEB33 RS00630 WP 406851039.1  ....................................    70
NTDB id 1153 A1552VC RS00115 WP 000521788.1    DLQGEAQIARPHLAEALGYRAMDRLLKQLSAQNV   507
NTDB id 1397 DSB67 RS15690 WP 005535577.1      DLEGSPQIERTHLAEALGYRAMDRLLKQLTAQAV   507
NTDB id 1349 HI 1117 AAC22771.1                DLQGEQQIFQPHLAEALGYRAMVRLLQKLSNM..   509
NTDB id 1387 A4U84 RS06900 WP 020457569.1      DLAGEAQIQQPHLAEALGYRAMDRLLQRLQGES.   510
consensus                                      ****  **   *********** **** *
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X non conserved

X similar

X $\geq$ 50% conserved