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NTDB id 1323 RA0C RS07335 WP 004916218.1     .MLVKVYGSAIHGVSAQTITIEVNVDQGV.GYHLVGLPDNAIKESSHRISAALKNVGYKLPGKKITINMAPADLRKEGSA   78
NTDB id 1271 LPP RS03220 WP 011213198.1      MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG   80
NTDB id 1248 GCO85 RS03150 WP 011213198.1    MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG   80
NTDB id 131439 AT03 RS01595 WP 025802065.1   MSVAMINTRAAIGVQAPAVSVEAHISTGLPGFTLVGLPEATVKEAKDRVRSAIINCGFTFPAKRITVNLAPADLPKEGGR   80
NTDB id 1397 DSB67 RS15690 WP 005535577.1    MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSAIVNSNFQFPAKRITVNLAPADLPKEGGR   80
NTDB id 1153 A1552VC RS00115 WP 000521788.1  MGLAIIHSRASIGVQAPPVTVEVHISNGMPGFTLVGLPETTVKESRDRVRSAIINSRFEFPAKRITVNLAPADLPKEGGR   80
NTDB id 1349 HI 1117 AAC22771.1              MSLAIVYSRASMGVQAPLVTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR   80
NTDB id 1387 A4U84 RS06900 WP 020457569.1    MSLAIIYSRASIGVEAPLVTIEVHISGGSPGLTLVGLPEKSVKEAQDRVRSALMNANFDYPARRITINLAPADLPKEGGR   80
consensus                                    ******  *****!*  !*  ***!******!******!!!**  **!!***!***!**!  **  *!***!!*!**!!*!*!*!**
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NTDB id 1323 RA0C RS07335 WP 004916218.1     YDLSIALGILAASGQQIIAPEIERYLIMGELSLDGGLQPIKGVLPIAIRAREEGFKGIILPKQNTREAAIVNDLE.VYGVE  157
NTDB id 1271 LPP RS03220 WP 011213198.1      FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLIIANANAAEASLTGHQK.VFTAN  158
NTDB id 1248 GCO85 RS03150 WP 011213198.1    FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLIIANANAAEASLTGHQK.VFTAN  158
NTDB id 131439 AT03 RS01595 WP 025802065.1   YDLPIAIAILIASEQLSATSVEGLELLGELGLSGALRRIQGAIPAAMAAQHH.QRKLIAPEENEEELGLLGEQQPHLIAN  159
NTDB id 1397 DSB67 RS15690 WP 005535577.1    FDLPIALGILAASEQIATDKLKNYEFVGELALSGGLRTVKGVLPAALAANKK.QRHLVVPHANGDQAALVGKEQ.HKSAQ  158
NTDB id 1153 A1552VC RS00115 WP 000521788.1  FDLPIALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAALAANQV.ERCLVVPHSNGDQAALVGVER.HKSAQ  158
NTDB id 1349 HI 1117 AAC22771.1              FDLPIAIGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNANEASLVSDQN.TYFAQ  158
NTDB id 1387 A4U84 RS06900 WP 020457569.1    FDLPIAIGILAASGQIDSDKLKRIELLGELSLTGHLRGVHGAIPAVLAASKA.KRETIVPQQNANEVSLVSNTQ.TYCAS  158
consensus                                    *!!*!!**!!*!!*!*  *    ****!!*!*!  ****  ***!*  **!  *   *  ****   !*  **  ***      *  **
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NTDB id 1323 RA0C RS07335 WP 004916218.1     NIKEVIDFFNENCPLEPTKVNTREEFHKRVNLFPFDFSEVKGQETAKRAMEVAAAGGHNIILIGPPGSGKTMLAKRIPSI  237
NTDB id 1271 LPP RS03220 WP 011213198.1      NLREVCDYLCQGTSLQSLPPKPDL....LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTL  234
NTDB id 1248 GCO85 RS03150 WP 011213198.1    NLREVCDYLCQGTSLQSLPPKPDL....LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTL  234
NTDB id 131439 AT03 RS01595 WP 025802065.1   HLLQVCDFLSGESPLLP....PKVSQLSPLSPNTKDMRDIIGQEQARRALEIAATGGHNLLLLGPPGTGKTMLASRLNSI  235
NTDB id 1397 DSB67 RS15690 WP 005535577.1    SLLEVCAELCGQHQLNLYQTPKKK....ELKAHGRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDL  234
NTDB id 1153 A1552VC RS00115 WP 000521788.1  SLLEVCADLCGQQTLSLFQSSPSV....QQVSQTRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDL  234
NTDB id 1349 HI 1117 AAC22771.1              TLLDVVQFLNGQEKLPLATEIVKESAVNFSGKNTLDLTDIIGQQHAKRALTIAAAGQHNLLFLGPPGTGKTMLASRLTGL  238
NTDB id 1387 A4U84 RS06900 WP 020457569.1    TLLQVVNFLNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIIAASGQHNLLFLGPPGTGKTMLASRLADL  237
consensus                                     ***!*  **     !           *     !******!!*  ***!*  *!!  !  !***  *!*!!*!!!!*!*!*   *
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NTDB id 1323 RA0C RS07335 WP 004916218.1     LPPLTLKEALETTKIHSVAGKMGAETSLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLAHNGVLFLDEMPEFKRTVLE  317
NTDB id 1271 LPP RS03220 WP 011213198.1      LPELSETQALECAAINSIRGKLPDF.REWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLE  313
NTDB id 1248 GCO85 RS03150 WP 011213198.1    LPELSETQALECAAINSIRGKLPDF.REWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLE  313
NTDB id 131439 AT03 RS01595 WP 025802065.1   LPPLTTEEALESAAVASLVHQSTTG.QSCYQRPFRTPHHSASMAALIGGGSLPRPGEISLAHNGVLFLDELPEFERRVLD  314
NTDB id 1397 DSB67 RS15690 WP 005535577.1    LPEMSDEEAMETASVASLTQSEINE.HNWKTRPFRAPHHSSSMAALVGGGSVPRPGEISLAHNGLLFLDEMPEFDRKVLD  313
NTDB id 1153 A1552VC RS00115 WP 000521788.1  LPEMSDEEAMETASIASLTQQEINQ.HNWKLRPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLD  313
NTDB id 1349 HI 1117 AAC22771.1              LPEMTDLEAIETASVTSLVQNELNF.HNWKQRPFRAPHHSASMPALVGGGTIPKPGEISLATNGVLFLDELPEFERKVLD  317
NTDB id 1387 A4U84 RS06900 WP 020457569.1    LPEMEDDEAIETASVTSLVQNELNF.QNWKKRPFRSPHHSASMVALVGGGSIPKPGEISLAHNGVLFLDELPEFERKVLD  316
consensus                                    !!****  *!*!**  *  !*          **  *!!!*!!!**!*  !!*!!!**!*!!!!!!!!**!*!!!!!*!!!*!*!!*
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NTDB id 1323 RA0C RS07335 WP 004916218.1     VMRQPLEDREVTISRAKFTVNYPASFMLVASMNPSPSGFFPDDPNNT.SSSFEMQRYLNKLSGPLLDRIDIHIEVQKVEF   396
NTDB id 1271 LPP RS03220 WP 011213198.1      TLREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQ   393
NTDB id 1248 GCO85 RS03150 WP 011213198.1    TLREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQ   393
NTDB id 131439 AT03 RS01595 WP 025802065.1   ALREPLESGEACISRALAKVTFPARVQLVAAMNPSPTGHYKGIHAR..TPPQQILKYLSRLSGPFLDRFDLSIEVPLLPA   392
NTDB id 1397 DSB67 RS15690 WP 005535577.1    SLREPLESGEIIISRAQGKTRFPARFQIVCALNPSPTGYYEGNQAR..TNPQAILRYLGRLSGPLLDRFDMSLEIPALPK   391
NTDB id 1153 A1552VC RS00115 WP 000521788.1  SLREPLESGEIVISRAQGKTRFPARFQLVCALNPSPTGYYEGSQAR..ANPQSILRYLSRLSGPLLDRFDMSIEIPALPK   391
NTDB id 1349 HI 1117 AAC22771.1              ALRQPLESGEIIISRANAKIQFPARFQLVAAMNPSPTGHYTGTHNR..TSPQQIMRYLNRLSGPFLDRFDLSIEVPLLPQ   395
NTDB id 1387 A4U84 RS06900 WP 020457569.1    ALRQPLESGEIIISRANAKVQFPACFQLIAAMNPSPTGHYQGTHNR..TSPQQLMRYLNRLSGPFLDRFDLSIEVPLLPQ   394
consensus                                     *!*!!!****  !!!!  ***  *!!*********!!*!*! *  **  **   ****  ****!!  *!!*!*!!!*!******  **
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NTDB id 1323 RA0C RS07335 WP 004916218.1     DQLSD..KRKGESSEIIRQRVLKAREIQQERYQDLAISYNAQMGPKEIEHFCELDEVSLLLIKNAMEKLNLSARAYDRIL   474
NTDB id 1271 LPP RS03220 WP 011213198.1      EELIKPNTHLEKQSLAIREKVTKMHEIQMARQDS....LNANLNSKTCEMVCELGSEEQLFLREVMSKLKLSARGYHRLL   469
NTDB id 1248 GCO85 RS03150 WP 011213198.1    EELIKPNTHLEKQSLAIREKVTKMHEIQMARQDS....LNANLNSKTCEMVCELGSEEQLFLREVMSKLKLSARGYHRLL   469
NTDB id 131439 AT03 RS01595 WP 025802065.1   GVLSIQ.KRVGESSSEVIRQRVCLAREKQYQRSGK....LNAHLAGKEMDRVCSLSQEDAAFLEQALEKMGLSVRAWHRIL   467
NTDB id 1397 DSB67 RS15690 WP 005535577.1    GTLSEG.GDRGEPTAIVKERVNQARDCMLARSGK....VNALLGSREIEAFCPLQKSDAEFLENALHRLGLSIRAYHRIT   466
NTDB id 1153 A1552VC RS00115 WP 000521788.1  GTLANG.GDRGESTAAVRQRVWVARERMLARSGK....VNALLQSREIEQYCPLLKADAEFLESALHRLGLSIRAYHRIT   466
NTDB id 1349 HI 1117 AAC22771.1              GSLQNT.GDRGETSAQVREKVLKVREIQMERAGK....INAYLNSKEIERDCKLNDKDAFFLEKALNKLGLSVRAYHRIL   470
NTDB id 1387 A4U84 RS06900 WP 020457569.1    GALQNNTDQRGETTEQARKRVLEARHLQFNRRGK....INAQLTTKEIEQDCKLTDRDALFLENALTKLGLSVRAYHRIL   470
consensus                                    * !      *****  **  *!  ******  !  **    *!! * *****  ! !   **  ***  **  ***!!*!***!**
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NTDB id 1323 RA0C RS07335 WP 004916218.1     KVSRTIADLERETNIQSHHIAEAIQYRSLDRDFWKV.....   510
NTDB id 1271 LPP RS03220 WP 011213198.1      KVSRTIADMNSSKKVLLNHLQQALSYKQNLHLPK.......   503
NTDB id 1248 GCO85 RS03150 WP 011213198.1    KVSRTIADMNSSKKVLLNHLQQALSYKQNLHLPK.......   503
NTDB id 131439 AT03 RS01595 WP 025802065.1   KVARSIADLAQSDNISRIHIAEALSYRSMDRLIQHLHQALQ   508
NTDB id 1397 DSB67 RS15690 WP 005535577.1    KVARTIADLEGSPQIERTHLAEALGYRAMDRLLKQLTAQAV   507
NTDB id 1153 A1552VC RS00115 WP 000521788.1  KVARTIADLQGEAQIARPHLAEALGYRAMDRLLKQLSAQNV   507
NTDB id 1349 HI 1117 AAC22771.1              KVSRTIADLQGEQQIFQPHLAEALGYRAMVRLLQKLSNM..   509
NTDB id 1387 A4U84 RS06900 WP 020457569.1    KVSRTIADLAGEAQIQQPHLAEALGYRAMDRLLQRLQGES.   510
consensus                                    !!*!*!!!!*     **    !***!* !* *****  *
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X non conserved

X similar

X ≥ 50% conserved