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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 145037 AAW15 RS15870 WP 047060668.1  MTLASVYTRAALGMQAPEVRIEAHIGNGLPGFTLVGLPETAVREAKDRVRCAILNSGFQFPAKRITLNLAPADLPKEGGR   80
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                                    **!** * ***** !* !* ***!****** !****** !!!*** **!***!***!**!*** *!***!!*!**!!*!*!*!**
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NTDB id 1323 RA0C RS07335 WP 004916218.1     YDLSIALGILAASGQIIAPE.IERYLIMGELSLDGGLQPIKGVLPIAIRAREEGFKGIILPKQNTREAAIVNDLEVYGVE  157
NTDB id 1271 LPP RS03220 WP 011213198.1      FDLPIALGILAASEQIPLTN.LANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLIIANANAAEASLTGHQKVFTAN  158
NTDB id 1248 GCO85 RS03150 WP 011213198.1    FDLPIALGILAASEQIPLTN.LANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLIIANANAAEASLTGHQKVFTAN  158
NTDB id 145037 AAW15 RS15870 WP 047060668.1  YDLPMALALLLAAGQLSSVHAEHQYEFMGELALSGELRPVPGILPAALSATQA.GRTLIAPSGNAGELGLLPAPRPFIAP  159
NTDB id 1153 A1552VC RS00115 WP 000521788.1  FDLPIALGILAASDQIARNK.LESYEFIGELALSGEIRGVKGVLPAALAANQV.ERCLVVPHSNGDQAALVGVERHKSAQ  158
NTDB id 1397 DSB67 RS15690 WP 005535577.1    FDLPIALGILAASEQIATDK.LKNYEFVGELALSGGLRTVKGVLPAALAANKK.QRHLVVPHANGDQAALVGKEQHKSAQ  158
NTDB id 1349 HI 1117 AAC22771.1              FDLPIAIGILAASDQLDASH.LKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNANEASLVSDQNTYFAQ  158
NTDB id 1387 A4U84 RS06900 WP 020457569.1    FDLPIAIGILAASGQIDSDK.LKRIELLGELSLTGHLRGVHGAIPAVLAASKA.KRETIVPQQNANEVSLVSNTQTYCAS  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 145037 AAW15 RS15870 WP 047060668.1  SLLAVCAFLSENATLERPARCL....PSNDYAQQGDMADIIGQAQARRALEIAAAGGHNLLLLGPPGTGKTMLAYRLPGI  235
NTDB id 1153 A1552VC RS00115 WP 000521788.1  SLLEVCADLCGQQTLSLFQSSPSV....QQVSQTRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDL  234
NTDB id 1397 DSB67 RS15690 WP 005535577.1    SLLEVCAELCGQHQLNLYQTPKKK....ELKAHGRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDL  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      LPELSETQALECAAINSIRGKLPD.FREWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLE  313
NTDB id 1248 GCO85 RS03150 WP 011213198.1    LPELSETQALECAAINSIRGKLPD.FREWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLE  313
NTDB id 145037 AAW15 RS15870 WP 047060668.1  LPPMTSDEALAQAAISSLAYPGST.QTRYGVRPFRAPHHSASMAALIGGGSLPRPGEISLAHHGVLFLDELAEFDRRTLD  314
NTDB id 1153 A1552VC RS00115 WP 000521788.1  LPEMSDEEAMETASIASLTQQEIN.QHNWKLRPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLD  313
NTDB id 1397 DSB67 RS15690 WP 005535577.1    LPEMSDEEAMETASVASLTQSEIN.EHNWKTRPFRAPHHSSSMAALVGGGSVPRPGEISLAHNGLLFLDEMPEFDRKVLD  313
NTDB id 1349 HI 1117 AAC22771.1              LPEMTDLEAIETASVTSLVQNELN.FHNWKQRPFRAPHHSASMPALVGGGTIPKPGEISLATNGVLFLDELPEFERKVLD  317
NTDB id 1387 A4U84 RS06900 WP 020457569.1    LPEMEDDEAIETASVTSLVQNELN.FQNWKKRPFRSPHHSASMVALVGGGSIPKPGEISLAHNGVLFLDELPEFERKVLD  316
consensus                                    !!**** *!**** * !*          ***!!!*!!!**!* !!*!!!**!*!!!!!!!**!*!!!!!*!!*!**!*
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NTDB id 1323 RA0C RS07335 WP 004916218.1     VMRQPLEDREVTISRAKFTVNYPASFMLVASMNPSPSGFFPDDPNN.TSSSFEMQRYLNKLSGPLLDRIDIHIEVQKVEF   396
NTDB id 1271 LPP RS03220 WP 011213198.1      TLREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQ   393
NTDB id 1248 GCO85 RS03150 WP 011213198.1    TLREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQ   393
NTDB id 145037 AAW15 RS15870 WP 047060668.1  ALREPLESGVVHLSRAQIKVSFPARVQLVAAMNPSNAGFGSSAGG..RTTPNQVLRYLSRLSGPLLDRFDLSIDVPLLPA   392
NTDB id 1153 A1552VC RS00115 WP 000521788.1  SLREPLESGEIVISRAQGKTRFPARFQLVCALNPSPTGYYEGSQA..RANPQSILRYLSRLSGPLLDRFDMSIEIPALPK   391
NTDB id 1397 DSB67 RS15690 WP 005535577.1    SLREPLESGEIIISRAQGKTRFPARFQIVCALNPSPTGYYEGNQA..RTNPQAILRYLGRLSGPLLDRFDMSLEIPALPK   391
NTDB id 1349 HI 1117 AAC22771.1              ALRQPLESGEIIISRANAKIQFPARFQLVAAMNPSPTGHYTGTHN..RTSPQQIMRYLNRLSGPFLDRFDLSIEVPLLPQ   395
NTDB id 1387 A4U84 RS06900 WP 020457569.1    ALRQPLESGEIIISRANAKVQFPACFQLIAAMNPSPTGHYQGTHN..RTSPQQLMRYLNRLSGPFLDRFDLSIEVPLLPQ   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 145037 AAW15 RS15870 WP 047060668.1  GVLASQ.RATGEDSATLRQRVTAVRDRQYARSGQ....LNAHLEGAERDRVCRLSTHDAQFLEQALTRLGLSVRAWHRLL   467
NTDB id 1153 A1552VC RS00115 WP 000521788.1  GTLANG.GDRGESTAAVRQRVWVARERMLARSGK....VNALLQSREIEQYCPLLKADAEFLESALHRLGLSIRAYHRIT   466
NTDB id 1397 DSB67 RS15690 WP 005535577.1    GTLSEG.GDRGEPTAIVKERVNQARDCMLARSGK....VNALLGSREIEAFCPLQKSDAEFLENALHRLGLSIRAYHRII   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 145037 AAW15 RS15870 WP 047060668.1  KVARTLADMEGVETIAQRHLAEALSYRAVDRLLQTLQRG..   506
NTDB id 1153 A1552VC RS00115 WP 000521788.1  KVARTIADLQGEAQIARPHLAEALGYRAMDRLLKQLSAQNV   507
NTDB id 1397 DSB67 RS15690 WP 005535577.1    KVARTIADLEGSPQIERTHLAEALGYRAMDRLLKQLTAQAV   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