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logo
NTDB id 1323 RA0C RS07335 WP 004916218.1      .MLVKVYGSAIHGVSAQTITIEVNVDQGV.GYHLVGLPDNAIKESSHRISAALKNVGYKLPGKKITINMAPADLRKEGSA   78
NTDB id 1271 LPP RS03220 WP 011213198.1       MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG   80
NTDB id 1248 GC085 RS03150 WP 011213198.1     MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG   80
NTDB id 194578 BGI51 RS05665 WP 187980538.1   MSLALVHTRAQVGVEAPPVLVEAHLANGLPALTLVGLPETAVREAKDRVRSAILNAGFEFPSRRITLNLAPADLPKDGGR   80
NTDB id 1153 A1552VC RS00115 WP 000521788.1   MGLAIIHSRASIGVQAPPVTVEVHISNGMPGFTLVGLPETTVKESRDRVRSAIINSRFEFPAKRITVNLAPADLPKEGGR   80
NTDB id 1397 DSB67 RS15690 WP 005535577.1     MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSAIVNSNFQFPAKRITVNLAPADLPKEGGR   80
NTDB id 1387 A4U84 RS06900 WP 020457569.1     MSLAIIYSRASIGVEAPLVTIEVHISGGSPGLTLVGLPEKSVKEAQDRVRSALMNANFDYPARRITINLAPADLPKEGGR   80
NTDB id 1349 HI 1117 AAC22771.1               MSLAIVYSRASMGVQAPLVTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR   80
consensus                                     **!*** *****!* !* ***!*****!*****!!!*** **!***!***!**! ****!***!!*!**!!*!*!*!**

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NTDB id 1323 RA0C RS07335 WP 004916218.1      YDLSIALGILAASGQIIAPEIERYLIMGELSLDGGLQPIKGVLPIAIRAREEGFKGIILPKQNTREAAIVNDLEVYGVEN  158
NTDB id 1271 LPP RS03220 WP 011213198.1       FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKDN.QHLIIANANAAEASLTGHQKVFTANN  159
NTDB id 1248 GC085 RS03150 WP 011213198.1     FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKDN.QHLIIANANAAEASLTGHQKVFTANN  159
NTDB id 194578 BGI51 RS05665 WP 187980538.1   FDLALAIGILAASGQLPTPGLDGYECLGELALSGAVRAVRGVLPAALAARAAG.RILVVPRANAEEACLASGLRVLAVDH  159
NTDB id 1153 A1552VC RS00115 WP 000521788.1   FDLPIALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAALAANQVE.RCLVVPHSNGDQAALVGVERHKSAQS  159
NTDB id 1397 DSB67 RS15690 WP 005535577.1     FDLPIALGILAASEQIATDKLKNYEFVGELALSGGLRTVKGVLPAALAANKKQ.RHLVVPHANGDQAALVGKEQHKSAQS  159
NTDB id 1387 A4U84 RS06900 WP 020457569.1     FDLPIAIGILAASGQIDSDKLKRIELLGELSLTGHLRGVHGAIPAVLAASKAK.REIIVPQQNANEVSLVSNTQTYCAST  159
NTDB id 1349 HI 1117 AAC22771.1               FDLPIAIGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKSK.RELIIAKQNANEASLVSDQNTYFAQT  159
consensus                                     *!!**!*!!!!!!!*!*    *  *****!!*!*! **** ***!* **! *   * ****  !* ** **     * **

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NTDB id 1323 RA0C RS07335 WP 004916218.1      IKEVIDFFNENCPLEPTKVNTREEFHKRVNLFPFDFSEVKGQETAKRAMEVAAAGGHNIILIGPPGSGKTMLAKRIPSIL  238
NTDB id 1271 LPP RS03220 WP 011213198.1       LREVCDYLCQGTSLQSLPPKPDLL....LNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL  235
NTDB id 1248 GC085 RS03150 WP 011213198.1     LREVCDYLCQGTSLQSLPPKPDLL....LNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL  235
NTDB id 194578 BGI51 RS05665 WP 187980538.1   LLEFAGHLSGQAVLAPYQPSGLL....RTPLPYPDLAEVQGQQAAKRALVVGAAGAHNLLLAGPPGTGKTLLASRLPGLL  235
NTDB id 1153 A1552VC RS00115 WP 000521788.1   LLEVCADLCGQQTLSLFQSSPSV....QQVSQTRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL  235
NTDB id 1397 DSB67 RS15690 WP 005535577.1     LLEVCAELCGQHQLNLYQTPKKK....ELKAHGRDLQDIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL  235
NTDB id 1387 A4U84 RS06900 WP 020457569.1     LLQVVNFLNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIIAASGQHNLLFLGPPGTGKTMLASRLADLL  238
NTDB id 1349 HI 1117 AAC22771.1               LLDVVQFLNGQEKLPLATEIVKESAVNFSGKNTLDLTDIIGQQHAKRALTIAAAGQHNLLFLGPPGTGKTMLASRLTGLL  239
consensus                                     ****  **  *  !                      !**** !!* *!*!* **!*! !*** *!*!!*!!!**!*!*  *!

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NTDB id 1323 RA0C RS07335 WP 004916218.1      PPLTLKEALETTKIHSVAGKMGAETSLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLAHNGVLFLDEMPEFKRTVLEV  318
NTDB id 1271 LPP RS03220 WP 011213198.1       PELSETQALECAAINSIRGKLPDF.REWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLET  314
NTDB id 1248 GC085 RS03150 WP 011213198.1     PELSETQALECAAINSIRGKLPDF.REWRLPPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFLDELPEFNRQVLET  314
NTDB id 194578 BGI51 RS05665 WP 187980538.1   PPLDEEEALQVAAIHSVAGPE.PL.EHWPQRPFRQPHHSASGPALVGGGSRPGPGEITLAHRGVLFLDELPEFDRKVLEV  313
NTDB id 1153 A1552VC RS00115 WP 000521788.1   PEMSDEEAMETASIASLTQQEINQ.HNWKLRPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLDS  314
NTDB id 1397 DSB67 RS15690 WP 005535577.1     PEMSDEEAMETASVASLTQSEINE.HNWKTRPFRAPHHSSSMAALVGGGSVPRPGEISLAHNGLLFLDEMPEFDRKVLDS  314
NTDB id 1387 A4U84 RS06900 WP 020457569.1     PEMEDDEAIETASVTSLVQNELNF.QNWKKRPFRSPHHSASMVALVGGGSIPKPGEISLAHNGVLFLDELPEFERKVLDA  317
NTDB id 1349 HI 1117 AAC22771.1               PEMTDLEAIETASVTSLVQNELNF.HNWKQRPFRAPHHSASMPALVGGGTIPKPGEISLATNGVLFLDELPEFERKVLDA  318
consensus                                     !**** *!**** * !*   *      ** *!!!*!!!**!  !!!!!!* !*!!!!*!!**!*!!!!!*!!!*!*!!*
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NTDB id 1323 RA0C RS07335 WP 004916218.1      MRQPLEDREVTISRAKFTVNYPASFMLVASMNPSPSGFFPDDP.NNTSSSFEMQRYLNKLSGPLLDRIDIHIEVQKVEFD   397
NTDB id 1271 LPP RS03220 WP 011213198.1       LREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQE   394
NTDB id 1248 GC085 RS03150 WP 011213198.1     LREPLESGHICISRAAAQIEFPAKFQLIAAMNPCPCGQWGNSQANCMCTPDRISRYLAKLSAPLLDRIDMQVTIHALSQE   394
NTDB id 194578 BGI51 RS05665 WP 187980538.1   LREPLESGEIVIARARERVRFPARFQLVAAMNPCPCGYLGDPSGRCRCSPEQIQRYRGKLSGPLLDRIDLHLTVAREHL.   392
NTDB id 1153 A1552VC RS00115 WP 000521788.1   LREPLESGEIVISRAQGKTRFPARFQLVGALNPSPTGYYEGS..QARANPQSILRYLSRLSGPLLDRFDMSIEIPALPKG   392
NTDB id 1397 DSB67 RS15690 WP 005535577.1     LREPLESGEIIISRAQGKTRFPARFQIVGALNPSPTGYYEGN..QARTNPQAILRYLGRLSGPLLDRFDMSLEIPALPKG   392
NTDB id 1387 A4U84 RS06900 WP 020457569.1     LRQPLESGEIIISRANAKVQFPACFQLIAAMNPSPTGHYQGT..HNRTSPQQLMRYLNRLSGPFLDRFDLSIEVPLLPQG   395
NTDB id 1349 HI 1117 AAC22771.1               LRQPLESGEIIISRANAKIQFPARFQLVAAMNPSPTGHYTGT..HNRTSPQQIMRYLNRLSGPFLDRFDLSIEVPLLPQG   396
consensus                                     *!*!!!*****!*!! *** *!!*!******!!*!*! *  *  * * **  * !!* *!!*!*!!! !* ***  *

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NTDB id 1323 RA0C RS07335 WP 004916218.1      QLSD...KRKGESSEIIRQRVLKAREIQQERYQDLAISYNAQMGPKEIEHFCELDEVSLLLIKNAMEKLNLSARAYDRIL   474
NTDB id 1271 LPP RS03220 WP 011213198.1       ELIKPN.THLEKQSLAIREKVTKMHEIQMARQD....SLNANLNSKTCEMVCELGSEEQLFLREVMSKLKLSARGYHRLL   469
NTDB id 1248 GC085 RS03150 WP 011213198.1     ELIKPN.THLEKQSLAIREKVTKMHEIQMARQD....SLNANLNSKTCEMVCELGSEEQLFLREVMSKLKLSARGYHRLL   469
NTDB id 194578 BGI51 RS05665 WP 187980538.1   ..RLGASAANELTTAEAARQVADARALQLARQG....RPNALLGLDQLHQVCALSKADQRWLEGAGERLNLSLRALHRVV   466
NTDB id 1153 A1552VC RS00115 WP 000521788.1   TLANG..GDRGESTAAVRQRVWVARERMLARSG....KVNALLQSREIEQYCPLLKADAEFLESALHRLGLSIRAYHRII   466
NTDB id 1397 DSB67 RS15690 WP 005535577.1     TLSEG..GDRGEPTAIVKERVNQARDCMLARSG....KVNALLGSREIEAFCPLQKSDAEFLENALHRLGLSIRAYHRII   466
NTDB id 1387 A4U84 RS06900 WP 020457569.1     ALQNNT.DQRGETTEQARKRVLEARHLQFNRRG....KINAQLTTKEIEQDCKLTDRDALFLENALTKLGLSVRAYHRIL   470
NTDB id 1349 HI 1117 AAC22771.1               SLQNT..GDRGETSAQVREKVLKVREIQMERAG....KINAYLNSKEIERDCKLNDKDAFFLEKALNKLGLSVRAYHRIL   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 GC085 RS03150 WP 011213198.1     KVSRTIADMNSSKKVLLNHLQQALSYKQNLHLPK.......   503
NTDB id 194578 BGI51 RS05665 WP 187980538.1   KVARTLADLAGQAEIQRPQLAEALQYRASH...........   496
NTDB id 1153 A1552VC RS00115 WP 000521788.1   KVARTIADLQGEAQIARPHLAEALGYRAMDRLLKQLSAQNV   507
NTDB id 1397 DSB67 RS15690 WP 005535577.1     KVARTIADLEGSPQIERTHLAEALGYRAMDRLLKQLTAQAV   507
NTDB id 1387 A4U84 RS06900 WP 020457569.1     KVSRTIADLAGEAQIQQPHLAEALGYRAMDRLLQRLQGES.   510
NTDB id 1349 HI 1117 AAC22771.1               KVSRTIADLQGEQQIFQPHLAEALGYRAMVRLLQKLSNM..   509
consensus                                     !!*!!*!!* *  **   ****!* !*** **   *
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X non conserved

X similar

X $\geq$ 50% conserved