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NTDB id 1323 RAOC RS07335 WP 004916218.1	MSLAIVYSRASIGVAPVTVVHLSNGPGETLVGLPETAVKESDRVRSALNSQFEFPARRITYNLAPADLPKEGGR	78
NTDB id 1271 LPP RS03220 WP 011213198.1	.MLVKKVYGSAIHGVSAQTTITIEVNVDDGV.GYHLVGLPDNAIKESSHRISAALKNVGYKLPKKITINMAPADLRKEGSA	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETA VKESKDRVRSAIINSQFEFPCKRITVNLGPANLPKTTGSG	80
NTDB id 1042983 ABQ054 RS21285 WP 104550212.1	MSLAIVHSRARVGVHAPVVRVEVHLSGGLPSTQIVGLPEAAVRESRERVRAALLCAQFEFPARRITINLAPADLPKEGGR	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MGLAIIHSRASIGVQAPPVTIVEVHISNGMPGFTLVGLPETTVKESRDRVRSAIINSRFEFPAKRITVNLAPADLPKEGGR	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSAIIVNSNFQFPKRITVNLAPADLPKEGGR	80
NTDB id 1349 HI 1117 AAC22771.1	MSLAIVYSRASMGVQAPLVTTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLAIIYSRASIGVEAPLVTTIEVHISGGSPGLTLVGLPEKSVKEAQDRVRSALMNAFDDYPARRITINLAPADLPKEGGR	80
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NTDB id 1323 RAOC RS07335 WP 004916218.1	FDLPIALGILAAASQILKNGEELALSGELRGVGVPAALAAKRRLLVYPANAEASLVGHGVYAT	158
NTDB id 1271 LPP RS03220 WP 011213198.1	YDLSTIALGILAAASGQIIAPEIERYLIMGELSLDGGQLPIKGVLPPIAREEGFGKTIILPKQNTREAAIVNDLEVYGVEN	159
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLLIANANAAEASLTGHQKVFTANN	159
NTDB id 1042983 ABQ054 RS21285 WP 104550212.1	FDLPIALGILAAASQIDRQALAEYEFELGELALSGELRGVDGVLPALAAQA.GRRLLIVPLANGAEAAIAGHVEAFTART	159
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDLPIALGILAAADQIARNKLESYEFIGELALSGEIRGVKGVLPALAAANQV.ERCLVVPHSNGDQAALVGVERHKSAQS	159
NTDB id 1397 DSB67 RS15690 WP 005535577.1	FDLPIALGILAAASEQIATDKLKNYEFVGLALSGGLRTVKGVLPAALAAANKK.QRHLVVPHANGDQAALVGKEQHKSAQS	159
NTDB id 1349 HI 1117 AAC22771.1	FDLPIALGILAAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNANEASLVSDQNTYFAQT	159
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIALGILAAASGQIDSDKLKRIFELGELSLTGHLRGVHGAIPAVLAASKA.KRETIIVPQQNANEVSLVSNQTTCYCAST	159
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NTDB id 1323 RAOC RS07335 WP 004916218.1	LLEVCDFNCGQTSPLAQKPLLNNDLSDIIGQQAHRALIAAAGHNLLFLGPPGTGKTMLASRLSD	238
NTDB id 1271 LPP RS03220 WP 011213198.1	LKEVIDFFNENCPLEPTKVNTRREEFHKRVNLPFPDFSEVKGQETAKRAMEVAAAGGHNIIILGPPGSGKTMLAKRIPSTIL	235
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVCDFLCQGTSLQSLPPKPDLL...LNNYELDWS DIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	235
NTDB id 1042983 ABQ054 RS21285 WP 104550212.1	LREVCDFLCQGTSLQSLPPKPDLL...LNNYELDWS DIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	235
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LLEVCATLNGTQKAPAAELAVQAL...GARALPDMADVRGQPHARRALEIAAAGGHHLLLVGSPGCGKTLLASRLPGLL	235
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LLEVCADLCGQQTLSLFQSSPSV...QQVSQTRDLQDIIGQQQKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1349 HI 1117 AAC22771.1	LLEVCDELNGQKLNLYQTPKKK...ELKAHGRDLQDIIGQQQKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLQVVFNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIAAAGQHNLLFLGPPGTGKTMLASRLADLL	238
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NTDB id 1323 RAOC RS07335 WP 004916218.1	PEMSDEALETASISLYCKELNEHNWKRPFRAPHHTASVAVLVGGGTIPKPEISLAHNGVFLDELPEFERKVLLEY	318
NTDB id 1271 LPP RS03220 WP 011213198.1	PPLTLKEALETTKIHSVAGKMGAEISLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLAHNGVFLDEMPFEKRTVLEV	314
NTDB id 1248 GC085 RS03150 WP 011213198.1	PELSETQALECAAINSIRGKLP.DFREWRLLPFRAPHHTASPVAVLVGGGNPPKPEISLAHNGVFLDELPEFNRQVLET	314
NTDB id 1042983 ABQ054 RS21285 WP 104550212.1	PELSETQALECAAINSIRGKLP.DFREWRLLPFRAPHHTASPVAVLVGGGNPPKPEISLAHNGVFLDELPEFNRQVLET	314
NTDB id 1153 A1552VC RS00115 WP 000521788.1	PEASEAEALETAATISISGRGL.DLVRWRQRPYRAPHHTASAVAVLVGGGTIPRPRGEISLAHNGVFLDELPEWQRQTLEV	314
NTDB id 1397 DSB67 RS15690 WP 005535577.1	PEMSDEEAMETASIASLTQKEI.NQHNWKLRPFRAPHHSSSMAALVGGGTIPRPRGEISLAHNGVFLDELPEFERKVLDS	314
NTDB id 1349 HI 1117 AAC22771.1	PEMSDEEAMETASVASLTQSEI.NEHNWKTTPFRAPHHSSSMAALVGGGSVPRPGEISLAHNGVFLDELPEFDRKVLDS	314
NTDB id 1387 A4U84 RS06900 WP 020457569.1	PEMTDLEAIETASVTSLVQNEL.NFHNWKLRPFRAPHHSASMPALVGGGTIPKPEISLATNGVFLDELPEFERKVLDA	318
consensus	***** *****!***** ***** *****!*****!***** ***** *****!*****!*****	

