

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	MSLAIVYSRASIGVAPLVTVVHLSNGPGETLVGLPETTVKESDRVRSALNSQEFPAKRITVNLAPADLPKEGGR	78
NTDB id 1271 LPP RS03220 WP 011213198.1	.MLVKKVYGSAIHGVSAQTTITIEVNVDDGV.GYHLVGLPDNAIKESSHRISAALKNVGYKLPKGGKITINMAPADLRKEGSA	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSALINSQFEFFPCRKITVNLGPANLPKGTGSG	80
NTDB id 1024979 ABZV32 RS24875 WP 004181640.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSALINSQFEFFPCRKITVNLGPANLPKGTGSG	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MSLAIVYTRAALGIEAPLITVEVHLSNGLPGLTMVGLPETTVKEARDRVRSALINSGYAFPAKKITINLAPADLPKEGGR	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSALVNSNFQFPAKRITVNLAPADLPKEGGR	80
NTDB id 1349 HI 1117 AAC22771.1	MGLAIIHSRASIGVQAPPVTVVEVHISNGMPGFTLVGLPETTVKESRDRVRSALINSRFEFFPAKRITVNLAPADLPKEGGR	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLAIVYSRASMGVQAPLVITIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAPKRITVNLAPADLPKEGGR	80
consensus	MSLAIIYSRASIGVEAPLVITIEVHISGGSPGLTLVGLPEKSVKEAQDRVRSALMNAFDPARRITINLAPADLPKEGGR	80

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	FDLPIALGILAASQQLITIKNYEFGELALSGLRGVGYLPAALAAKDRLLIVPNAEASLVGLGQVYAN	158
NTDB id 1271 LPP RS03220 WP 011213198.1	YDLSTIALGILAASGQIIAPETIERYLIMGELSLDGGQLPIKGVLPPIARAREEGFGKITLPKQNTREAAIVNDLEVYGVEN	159
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1024979 ABZV32 RS24875 WP 004181640.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1397 DSB67 RS15690 WP 005535577.1	YDLPIALALLVASEQLNTTRLNQYEFVGELALTGGLRGVPGAIPSSAMEAIKA.GRRIVVSSDNAAEVGLTGGSDCLVADH	159
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDLPIALGILAASEQIATDKLKNYEFVGELALSGGLRTVKGVLPAALAAANKK.QRHLVVPHANGDQAALVGKEQHKSQAS	159
NTDB id 1349 HI 1117 AAC22771.1	FDLPIALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAALAAANQV.ERCLVVPHSNGDQAALVGVERHKSQAS	159
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIALGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNANEASLVSDQNTYFAQT	159
consensus	FDLPIALGILAASGQIDSDKLKRIFELGELSLTGHLRGVHGAIPAVLAASKA.KRETIIVPQQNANEVSLVSNQTQYCAST	159

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	LLEVCDELCCQTSLSLQCKPKLNNYERDLSDIIGQQAHRALIAAAGHNLLFGPPGTGKTMLASRLSDLL	238
NTDB id 1271 LPP RS03220 WP 011213198.1	LKEVIDFFNENCPLEPTKVNTREEFHKRVNLPFPDFSEVKGQETAKRAMEVAAAGGHNIIILGPPGSGKTMLAKRIPSTIL	235
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVC DYLCQGTSLQSLPPKPDLL...LLNNYELDWS DIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	235
NTDB id 1024979 ABZV32 RS24875 WP 004181640.1	LREVC DYLCQGTSLQSLPPKPDLL...LLNNYELDWS DIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	234
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LQEVCAFLAGQTSLSPLAE...PARDERYEDLLDVIGQQQ GKRALEIIVAAGGHNLLILGPPGTGKTMLASRLPGLL	235
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LLEVCAELCGQHQLNLYQTPKKK...ELKAHGRDLQDIIGQQQ GKRALEIAAAGHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1349 HI 1117 AAC22771.1	LLEVCADLCGQQTLSLFQSSPSV...QQVQSTRDLQDIIGQQQ GKRALEIAAAGHNLLFLGPPGTGKTMLASRLCDLL	239
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLQVVNFLNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIAAASGQHLLFLGPPGTGKTMLASRLADLL	238
consensus	LLEVCDELCCQTSLSLQCKPKLNNYERDLSDIIGQQAHRALIAAAGHNLLFGPPGTGKTMLASRLSDLL	238

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	PEMSDEALEETASISLVQKEPNEHNWKRPFRAPHHSASLVGGGSIIPGGEISLAHNGVFLDELPEFERVLD	318
NTDB id 1271 LPP RS03220 WP 011213198.1	PPLTLKEALETTKIHSVAGKMGAEATSLMTIRPFRSPHHTISDVAVLVGGGSIYPQGEISLAHNGVFLDEMPFEKRTVLE	314
NTDB id 1248 GC085 RS03150 WP 011213198.1	PELSETQALECAAINSIRGKLPDF.REWRLLPFRAPHHTASPVAVLVGGGNPPKPGGEISLAHNGVFLDELPEFNRQVLET	314
NTDB id 1024979 ABZV32 RS24875 WP 004181640.1	PELSETQALECAAINSIRGKLPDF.REWRLLPFRAPHHTASPVAVLVGGGNPPKPGGEISLAHNGVFLDELPEFNRQVLET	313
NTDB id 1397 DSB67 RS15690 WP 005535577.1	PPLSNQEALESAAIQSLVNLHTAK.TRWRRQRPFRAPHHSASLAAMVGGGSIIPVPGGEISLAHNGVFLDELPEFERVLD	314
NTDB id 1153 A1552VC RS00115 WP 000521788.1	PEMSDEEAMETASVASLTQSEINE.HNWKTRPFRAPHHSSMAALVGGGSIIPVPGGEISLAHNGVFLDELPEFERVLD	314
NTDB id 1349 HI 1117 AAC22771.1	PEMSDEEAMETASIASLTQSEINQ.HNWKLRPFRAPHHSSMAALVGGGTIPRPGGEISLAHNGVFLDELPEFERVLD	314
NTDB id 1387 A4U84 RS06900 WP 020457569.1	PEMTDLEAIETASVTSLVQNELNF.HNWKRPFRAPHHSASMPALVGGGTIPKPGGEISLATNGVFLDELPEFERKVLDA	318
consensus	PEMTDLEAIETASVTSLVQNELNF.HNWKRPFRAPHHSASMPALVGGGSIIPKPGGEISLAHNGVFLDELPEFERKVLDA	317

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	LREPLESGEIIISRAAKIKFPAFQLYAAMNPSPTCGYGQNRISPPQQLRYLRLSGPFLDRFDMSIEIPALPQG	397
NTDB id 1271 LPP RS03220 WP 011213198.1	MRQPLEDRVITISRAKFTVNYPASFMLVASMNPSPSGFFPDDPNNT.SSSFEMQRYLNLKLSGPLLDRIDITHIEVQKVFEFD	394
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREPLESGHICISRAAAQIEFPAKFQLIAAMNPPCGQWGNISQANCMCTPDRIISRYLAKLSAPLLDRIDMQVTIHALSQE	394
NTDB id 1024979 ABZV32 RS24875 WP 004181640.1	LREPLESGHICISRAAAQIEFPAKFQLIAAMNPPCGQWGNISQANCMCTPDRIISRYLAKLSAPLLDRIDMQVTIHALSQE	391
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LREPLESGEIIISRAQKTRFPAFQIVGALNPSPGTGYEGNQAR..TNPQATILRYLGRLSGPFLDRFDLSIEIPLPPPG	392
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LREPLESGEIVISRAQKTRFPAFQIVGALNPSPGTGYEGSQAR..ANPQSILRYLSRLSGPFLDRFDMSIEIPALPKG	392
NTDB id 1349 HI 1117 AAC22771.1	LRQPLESGEIIISRAQKTRFPAFQIVGALNPSPGTGYEGNQAR..TNPQATILRYLGRLSGPFLDRFDLSIEIPLPPPG	396
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LRQPLESGEIIISRAQKTRFPAFQIVGALNPSPGTGYEGNQAR..TNPQATILRYLGRLSGPFLDRFDLSIEIPLPPPG	395
consensus	*!*****!!!!* *** *!!!!*****!!!!* * ** *	

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	QLSD..KRKGESSEITRQVRLKAREIQQERYQDLAISYNAQMGPKEIEHFCELDVSLLLIKNAMEKLNLSARAYDRILK	475
NTDB id 1271 LPP RS03220 WP 011213198.1	ELIKPNTHLEKQSLAIREKVTMKHEIQMARQDS...LNANLNSKTCCEMVCELGSEEQLFLREVMSKLLKSARGYHRLLK	470
NTDB id 1248 GC085 RS03150 WP 011213198.1	ELIKPNTHLEKQSLAIREKVTMKHEIQMARQDS...LNANLNSKTCCEMVCELGSEEQLFLREVMSKLLKSARGYHRLLK	470
NTDB id 1024979 ABZV32 RS24875 WP 004181640.1	ILSQG.SQGEESATVRQVLAARERQMLRQNK...LNAHLENREMKNCRLRREDVWLEQTLTQLGLSTRAWQRLK	466
NTDB id 1397 DSB67 RS15690 WP 005535577.1	TLSEG.GDRGEPTAIVKERVNQARDCLARSGK...VNALLGSREIEAFQPLQKSDAEFLENALHRLGLSIRAYHRIK	467
NTDB id 1153 A1552VC RS00115 WP 000521788.1	TLANG.GDRGESTAAVRQVWVARERMLARSGK...VNALLGSREIEQYCPLLKADAEFLESALHRLGLSIRAYHRIK	467
NTDB id 1349 HI 1117 AAC22771.1	SLQNT.GDRGETSAQVREKVLKVREIQMERAGK...INAYLNSKEIERDCKLNDKDAFFLEKALNKLGLSVRAYHRILK	471
NTDB id 1387 A4U84 RS06900 WP 020457569.1	ALQNNTDQRGETTEQARKRVLEARHLQFNRRGK...INAQLTTKEIEQDCKLTDRDAFLFLENALTKLGLSVRAYHRILK	471
consensus	!***** * *!*****! *	

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	VSRTIADLERETNIQSHHIAEAIQYRSLDRDFWKV.....	510
NTDB id 1271 LPP RS03220 WP 011213198.1	VSRTIADLNSSKKVLLNHLQQAISYKQNLHLPK.....	503
NTDB id 1248 GC085 RS03150 WP 011213198.1	VSRTIADLNSSKKVLLNHLQQAISYKQNLHLPK.....	503
NTDB id 1024979 ABZV32 RS24875 WP 004181640.1	VARTIADLAEVEETIERCHLQEALSYRAIDRMLNHLQKMMA	506
NTDB id 1397 DSB67 RS15690 WP 005535577.1	VARTIADLEGSPQIERTHLAEALGYRAMDRLLKQLTAQAV	507
NTDB id 1153 A1552VC RS00115 WP 000521788.1	VARTIADLQGEAQIARPHLAEALGYRAMDRLLKQLSAQNV	507
NTDB id 1349 HI 1117 AAC22771.1	VSRTIADLQGEQIFQPHLAEALGYRAMVRLKQLSNM..	509
NTDB id 1387 A4U84 RS06900 WP 020457569.1	VSRTIADLAGEAQIQPHLAEALGYRAMDRLLQRLQGES.	510
consensus	!***** ** !***! * !***** *	

- X non conserved
- X similar
- X ≥50% conserved