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NTDB id 1323 RAOC RS07335 WP 004916218.1	MSLAIVYSRASIGVAPLVTVVHLSNGKPGFTLVGLPETVKESKDRVRSALNSQFEFPARRITVNLAPADLPKEGGR	78
NTDB id 1271 LPP RS03220 WP 011213198.1	.MLVKKVYGSAIHGVSAQTTITIEVNVDDGV.GYHLVGLPDNAIKESSHRISAAIKNVGYKLPGKKITINMAPADLRKEGSA	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSALINSQFEFPCKRITVNLGPANLPKGTGSG	80
NTDB id 1044622 ACEN9T RS23305 WP 092973507.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSALINSQFEFPCKRITVNLGPANLPKGTGSG	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MSLAVLRSRALSGIDAPAVSVEVHLANGLPSFTIVGLPDTEVKESKDRVRAAIQNSRFEFPARRITVNLAPADLPKESGR	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSALVNSNFQFPAKRITVNLAPADLPKEGGR	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MGLAIIHSRASIGVQAPPVTVVEVHISNGMPGFTLVGLPETTVKESRDRVRSALINSRFEFPAKRITVNLAPADLPKEGGR	80
NTDB id 1349 HI 1117 AAC22771.1	MSLAIIYSRASIGVEAPLVTTIEVHISGGSPGLTTLVGLPEKSVKEAQDRVRSALMNAFNDYPARRITINLAPADLPKEGGR	80
consensus	MSLAIVYSRASMGVQAPLVTTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR	80

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1	FDLPIALGILAAASQILKEPDKKNYEEGELALSGELRGVKGYPALAAKRRLLYPNQNAEASLVG	149
NTDB id 1271 LPP RS03220 WP 011213198.1	YDLSTALGILAAASGQIIAPETIERYLIMGELSLDGGQLPIKGVLPPIAIRARE.....EGFKGITLPKQNTREAAIVN	150
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAH.....KDNQHLIIANANAAEASLTG	150
NTDB id 1044622 ACEN9T RS23305 WP 092973507.1	FDLPIALGILAAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAH.....KDNQHLIIANANAAEASLTG	150
NTDB id 1397 DSB67 RS15690 WP 005535577.1	FDLAIALGILAAASRQIPHThLDAHEFAGELSLSGDLRPIRGALAMAYALSRNPVLADGDAPLARAFVLPANENAAEAAALVS	160
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDLPIALGILAAASEQIATDKLKNYEFVGEALALSGGLRTVKGVLPAALAA.....KKQRHLVVPHANGDQAALVG	150
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIALGILAAASDQIARNKLESYEFIGELALSGELRGVKGVLPAALAA.....QVERCLVVPHSNGDQAALVG	150
NTDB id 1349 HI 1117 AAC22771.1	FDLPIAIGILAAASGQIDSDKLKRIELLGELSLTGHLRGVHGAIPAVLAA.....KAKRELIIVPQQNANEVSLVS	150
consensus	FDLPIAIGILAAASDQIDASHLKKQFEFVAELALTGQLRGVHGVIPAILAAQ.....KSKRELIITAKQNANEASLVS	150

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NTDB id 1323 RAOC RS07335 WP 004916218.1	DLEVYGVENIKVIDFFNENCPLIPTKVNTREEFHKRVNLPFPDFSEVKGQETAKRAMEVAAAGGHNIIILIGPPGSGKTM	229
NTDB id 1271 LPP RS03220 WP 011213198.1	HQKVFTANNLREVCDYLCQGTSLQSLPPKPD....LLNNYELDWSIDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTM	226
NTDB id 1248 GC085 RS03150 WP 011213198.1	HQKVFTANNLREVCDYLCQGTSLQSLPPKPD....LLNNYELDWSIDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTM	226
NTDB id 1044622 ACEN9T RS23305 WP 092973507.1	GTKVLPARTLIEVCDHLSAPDRKLAPALPA....PVDADIRYPLADVRGQPQARRALEVAAAGGHSMLMIGPPGTGKSM	236
NTDB id 1397 DSB67 RS15690 WP 005535577.1	KEQHKSAQSLLEVCAELCGQHQLNLYQTPKKK....ELKAHGRDLQDIIGQQQKRALEIAAAGNHNLLFLGPPGTGKTM	226
NTDB id 1153 A1552VC RS00115 WP 000521788.1	VERHKSASQLLEVCAELCGQQTLSLFQSSPSV....QQVSRDRLQDIIGQQQKRALEIAAAGNHNLLFLGPPGTGKTM	226
NTDB id 1387 A4U84 RS06900 WP 020457569.1	NTQTYCASTLLQVVNFLLNRRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIIAASGQHNNLLFLGPPGTGKTM	229
NTDB id 1349 HI 1117 AAC22771.1	DQNTYFAQTLLDVVQFLNGQEKLPLATEIVKESAVNFSGKNTLDLTDIIGQQHAKRALTIAAAGQHNNLLFLGPPGTGKTM	230
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NTDB id 1323 RAOC RS07335 WP 004916218.1	LAKRIPSLPPLTLKEALETTHSVAGKMGAEATSLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLAHNGVFLDDEMP	309
NTDB id 1271 LPP RS03220 WP 011213198.1	MAKRFTSLPELSETQALECAAINSIRGKLP.DFREWRLLPPFRAPHHTASPVAVLGGGNPPKPGEISLAHHGVFLDDELP	305
NTDB id 1248 GC085 RS03150 WP 011213198.1	MAKRFTSLPELSETQALECAAINSIRGKLP.DFREWRLLPPFRAPHHTASPVAVLGGGNPPKPGEISLAHHGVFLDDELP	305
NTDB id 1044622 ACEN9T RS23305 WP 092973507.1	LAQRFPGLLPDMSDDEALSAAAVMSLTTRGF.DARRWKVRPFRSPHHTASAVAVGGGNTPRPGEISLAHQGVFLDDELP	315
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LASRLCDLLPEMSDEEAMETASVASLTQSEI.NEHNWKTRPFRAPHHSSSMAALVGGGSVPRPGEISLAHNGLLFLDDEMP	305
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LASRLCDLLPEMSDEEAMETASIASLTQSEI.NQHNWKLRPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGLLFLDDEMP	305
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LASRLADLPEMEDDEAIETASVSLVQNEL.NFQNWKKRPFRSPHHSASMPALVGGGSIPKPGEISLAHNGVFLDDELP	308
NTDB id 1349 HI 1117 AAC22771.1	LASRTGLLPMTDLAEIETASVSLVQNEL.NFHNWKKRPFRAPHHSASMPALVGGGTIPKPGEISLATNGVFLDDELP	309
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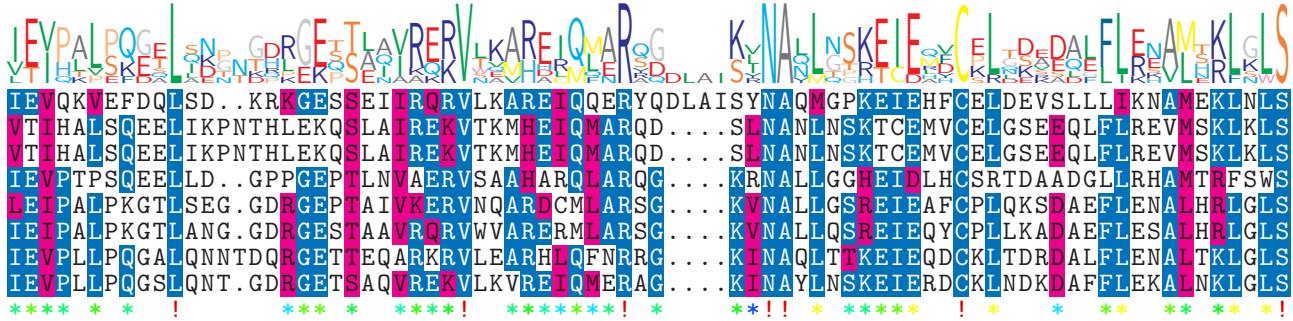
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consensus



388
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logo

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466
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logo

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NTDB id 1387 A4U84 RS06900 WP 020457569.1
NTDB id 1349 HI 1117 AAC22771.1
consensus



510
503
503
510
507
507
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509

X non conserved
X similar
X ≥ 50% conserved