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NTDB id 1323 RAOC RS07335 WP 004916218.1	MSLAIVYSRASIGVAPLVTVVHLSNGPGFTLVGLPETTVKESDRVRSALINSFEFPAKRITVNLAPADLP	73
NTDB id 1271 LPP RS03220 WP 011213198.1	.MLVKKVYGSIAIHGVSAQTTITIEVNVDQGV.GYHLVGLPDNAIKESSHRTISAALKNVGVKLPKKITINMAPADLR	75
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAINSQFEFPCRKITVNLGPANLP	75
NTDB id 48093 NMBM01240355 RS02295 WP 002216507.1	MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAINSQFEFPCRKITVNLGPANLP	75
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MSLALVYSRALSGMNAPLVEVEAHLANGLPHFNIVGLPDETVKESRDRVRAAIIQSGFEFPAKKITVNLAPADLP	75
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MGLAIIHSRASIGVQAPPVTVEVHISNGMPGFTLVGLPETTVKESRDRVRSAINSRFEFPAKRITVNLAPADLP	75
NTDB id 1349 HI 1117 AAC22771.1	MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSAINVSNFQFPAPKRITVNLAPADLP	75
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLAIVYSRASMGVQAPLVITIEVHLSNGKPGFTLVGLPEKTVKEAQRDRVRSALMNAQFKYPAKRITVNLAPADLP	75
consensus	MSLAIIYSRASIGVEAPLVITIEVHISGGSPGLTLVGLPEKSVKEAQRDRVRSALMNAFDPARRITINLAPADLP	75

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NTDB id 1323 RAOC RS07335 WP 004916218.1	KEGGRFDLPALGILAAASQIAKKNYEEFELALSGLRGVGYLPAALAAKSRRLYLPNAEASLV	148
NTDB id 1271 LPP RS03220 WP 011213198.1	KEGSAYDLSTIALGILAAASQIIAPEIERYLIMGELSLDGGQLPIKGVLPPIAIRAREEGFKGITLPKQNTREAAITV	149
NTDB id 1248 GC085 RS03150 WP 011213198.1	KTGSGFDLPALGILAAASEQIPLTNLANHEFIFIGELALSGELRGVSAIIPAVLAAHK.DNQHLIIANANAAEASLT	149
NTDB id 48093 NMBM01240355 RS02295 WP 002216507.1	KTGSGFDLPALGILAAASEQIPLTNLANHEFIFIGELALSGELRGVSAIIPAVLAAHK.DNQHLIIANANAAEASLT	149
NTDB id 1153 A1552VC RS00115 WP 000521788.1	KESGRFDLPALGILAAASQVVAPEKLEEFYFAGELALSGLLRPVIRGALAMAWQGMQ.AKRAFVLPPEENAGQAAMV	149
NTDB id 1397 DSB67 RS15690 WP 005535577.1	KEGGRFDLPALGILAAASQIARNKLESYEFIFIGELALSGELRGVKGVLPAALAAANQ.VERCLVVPHSNGDQAALV	149
NTDB id 1349 HI 1117 AAC22771.1	KEGGRFDLPALGILAAASEQIATDKLKNYEFVIGELALSGGLRITVKGVLPAALAAANK.KQRHLVVPHANGDQAALV	149
NTDB id 1387 A4U84 RS06900 WP 020457569.1	KEGGRFDLPALGILAAASQIDSDKLGRIELGELSLTGHLRGVHGAIIPAVLAASK.AKRETIIVPQQNANEVSLV	149
consensus	KEGGRFDLPALGILAAASQIDSDKLGRIELGELSLTGHLRGVHGAIIPAVLAASK.AKRETIIVPQQNANEVSLV	149

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NTDB id 1323 RAOC RS07335 WP 004916218.1	NDLEVYGVENIKEVIDFFNENCIPLEPTKVNTREEFHKRNVLPFPDFSEVKGQETAKRAMEVAAAGGHNIIILIGPP	223
NTDB id 1271 LPP RS03220 WP 011213198.1	GHQKVFTANNLREVCDYLCQGTSLQSLPPKPDLLNNYELDWSDIKQQQHAKNAMVIAACGGHSSILLSGAP	220
NTDB id 1248 GC085 RS03150 WP 011213198.1	GHQKVFTANNLREVCDYLCQGTSLQSLPPKPDLLNNYELDWSDIKQQQHAKNAMVIAACGGHSSILLSGAP	220
NTDB id 48093 NMBM01240355 RS02295 WP 002216507.1	RGITVYGARSLGEVAAHLNGIEPLAQ.TECQVPQMPFEHGGQPDLCQVKGQHTABRLALEIAAAGGHSLLMYGPP	222
NTDB id 1153 A1552VC RS00115 WP 000521788.1	GVERHKSAQSLLEVCAELCGQHQLNLYQTPKKK...ELKAHGRDLQDIIGQQQCKRALEIAAAGNHNLLFLGPP	220
NTDB id 1397 DSB67 RS15690 WP 005535577.1	GKEQHKSASLLLEVCAELCGQHQLNLYQTPKKK...ELKAHGRDLQDIIGQQQCKRALEIAAAGNHNLLFLGPP	220
NTDB id 1349 HI 1117 AAC22771.1	SDQNTYFAQTLLDVVQFLNGQEKPLATEIVKESAVNFSGKNTLDLTDIIGQQHAKRALTIAAAGQHNNLLFLGPP	224
NTDB id 1387 A4U84 RS06900 WP 020457569.1	SNTQTYCASTLLQVVNFLNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIAAAGQHNNLLFLGPP	223
consensus	NDLEVYGVENIKEVIDFFNENCIPLEPTKVNTREEFHKRNVLPFPDFSEVKGQETAKRAMEVAAAGGHNIIILIGPP	223

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NTDB id 1323 RAOC RS07335 WP 004916218.1	GSGKTMlakRIPsILPPLTLKEALETtkIHSVAGKMGaETSLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLA	298
NTDB id 1271 LPP RS03220 WP 011213198.1	GSGKTMMAKRFSTLLPELSETQALECAAINSIRGKLDP.FREWLPFRAPHHTASPVALVGGGNPPKGEISLA	294
NTDB id 1248 GC085 RS03150 WP 011213198.1	GSGKTMMAKRFSTLLPELSETQALECAAINSIRGKLDP.FREWLPFRAPHHTASPVALVGGGNPPKGEISLA	294
NTDB id 48093 NMBM01240355 RS02295 WP 002216507.1	GTGKSMLSQRLPGILPPLTEDELVEVWALRSLLPNHQQ..QLDSNRPFRSPHHSASAAAMVGGGSDPRPGEISLA	295
NTDB id 1153 A1552VC RS00115 WP 000521788.1	GTGKTMLASRLCDLLPEMSDEEAMETASIASLTQQEIN.QHNWKLPRFRAPHHSSSMAALVGGGTIPRPGEISLA	294
NTDB id 1397 DSB67 RS15690 WP 005535577.1	GTGKTMLASRLCDLLPEMSDEEAMETASVASLTQSEIN.EHNWKLTRPFRAPHHSSSMAALVGGGSVPRPGEISLA	294
NTDB id 1349 HI 1117 AAC22771.1	GTGKTMLASRLTGLPEMTDLAETASVTSLVQNELN.FHNWKLPRFRAPHHSSASMPALVGGGTIPKPGEISLA	298
NTDB id 1387 A4U84 RS06900 WP 020457569.1	GTGKTMLASRLADLLPEMEDDEAETASVTSLVQNELN.FQNWKLPRFRSPHHSASMPALVGGGSIPKPGEISLA	297
consensus	GSGKTMlakRIPsILPPLTLKEALETtkIHSVAGKMGaETSLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLA	298

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

consensus



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

consensus

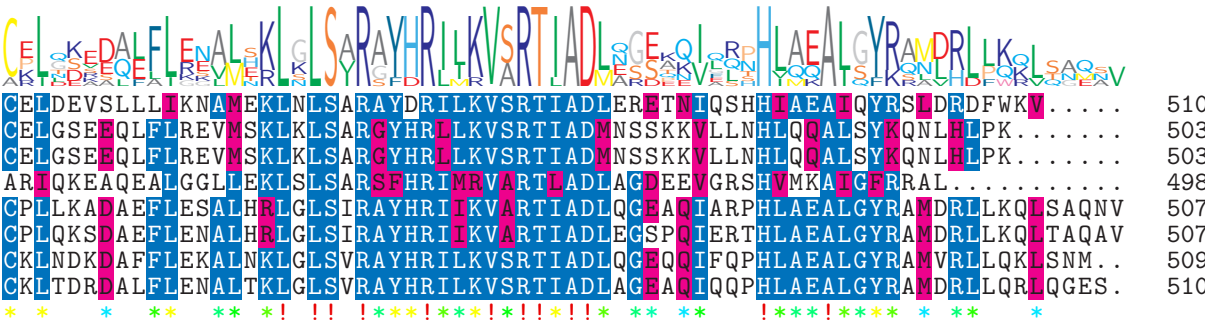


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NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1

consensus



510
503
503
498
507
507
509
510

☒ non conserved
☒ similar
☒ ≥ 50% conserved