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NTDB id 1323	RA0C	RS07335	WP 004916218.1	.MLVVKYVGSATIHGVSAQTITIEVNVDDGV.GYHLVGLPDNAIKESSHRTSAAIKNVGYKLPGKKITINMAPADLR	73
NTDB id 1271	LPP	RS03220	WP 011213198.1	MSLAFTKTRSTIGTVAQPVSVVEVHISNGGPSFTMVGLAETAIVKESKDRVRSAINSQFEFFPCRKITVNLGPANLP	75
NTDB id 1248	GC085	RS03150	WP 011213198.1	MSLAFTKTRSTIGTVAQPVSVVEVHISNGGPSFTMVGLAETAIVKESKDRVRSAINSQFEFFPCRKITVNLGPANLP	75
NTDB id 227754	XcfCFBP6166P	RS19025	WP 022560201.1	MSLAIVHSRARVGVHAPEVVRVEVHISGGLPYTQIVGLPEAAVRESREVRRAALICAQFEFPARRITINLAPADLP	75
NTDB id 1153	A1552VC	RS00115	WP 000521788.1	MGLAIIHSRASIGVQAPPVTVVEVHISNCGMPGFTLVGLPETTVKESKDRVRSAINSRFEFFPAKRITVNLAPADLP	75
NTDB id 1397	DSB67	RS15690	WP 005535577.1	MGLAIIHSRASVGVQAPSVSVVEVHISNCGMPGFTLVGLPETTVKESKDRVRSAINSRFEFFPAKRITVNLAPADLP	75
NTDB id 1349	HI 1117	AAC22771.1		MSLAIVYSRASMGVQAPLVTTIEVHISNCKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKVPKRITVNLAPADLP	75
NTDB id 1387	A4U84	RS06900	WP 020457569.1	MSLAIIYSRASIGVEAPLVTTIEVHISGCGSPGLTLVGLPEKSVKEAQDRVRSALMNAFDYPARRITINLAPADLP	75
consensus					**!* ** * ** * ! * ! * * ** * ! ! * ** * ! ! ! * * * ! * ** * ! * * ! * ! * ! *

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NTDB id 1323	RA0C	RS07335	WP 004916218.1	KEGGRFDLPALGILAASGQIIAPEIERYLINGELSLDGGGLQPIKGVPIATIRAREEGFGITIPKQNTREAAITV	148
NTDB id 1271	LPP	RS03220	WP 011213198.1	KTGSGFDLPALGILAASEQIPLTNLANHEFIGELALSGELRGVSAITPAVLAAHKD.NQHLLIIANANAAEASLT	149
NTDB id 1248	GC085	RS03150	WP 011213198.1	KTGSGFDLPALGILAASEQIPLTNLANHEFIGELALSGELRGVSAITPAVLAAHKD.NQHLLIIANANAAEASLT	149
NTDB id 227754	XcfCFBP6166P	RS19025	WP 022560201.1	KEGGRFDLPALGILAASGQIDRQALADYEFELGELALTGELRGVDGVLPAAALAAQA.GERLIVPLANGAEAAIA	149
NTDB id 1153	A1552VC	RS00115	WP 000521788.1	KEGGRFDLPALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAAALAAQV.ERCLVVPHSNGDQAALV	149
NTDB id 1397	DSB67	RS15690	WP 005535577.1	KEGGRFDLPALGILAASEQIATDKLKNYEFVIGELALSGGLRTVKGVLPAAALAAQV.ERCLVVPHSNGDQAALV	149
NTDB id 1349	HI 1117	AAC22771.1		KEGGRFDLPALGILAASDQIDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNAEASLV	149
NTDB id 1387	A4U84	RS06900	WP 020457569.1	KEGGRFDLPALGILAASGQIDSDKIKRIEELGELSLCHLRGVHGAITPAVLAAASKA.KRETIIVPQQNAEVS LV	149
consensus					!*!* ** * ! * ! * ! ! ! ! ! * ! * * * * * ! ! * ! * * * * * * * ! * * ! * * * * ! * * * *

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NTDB id 1323	RA0C	RS07335	WP 004916218.1	NDLEVYGVENIKEVIDFENENCPIEPTKVNTRREEFHKRVNLPFPDFSEVKGQETAKRAMEVAAAAGCHNITILGPP	223
NTDB id 1271	LPP	RS03220	WP 011213198.1	GHQKVFTANNLREVCDYLCQGTSLQSLPPKPDLL...LNNYELDWSDIKGGQHAKNAMVIAACGGHSILLSGAP	220
NTDB id 1248	GC085	RS03150	WP 011213198.1	GHQKVFTANNLREVCDYLCQGTSLQSLPPKPDLL...LNNYELDWSDIKGGQHAKNAMVIAACGGHSILLSGAP	220
NTDB id 227754	XcfCFBP6166P	RS19025	WP 022560201.1	CHVEAFTARTLLDVCATLNGSQKAPAAELAVQAL...GARALPDMADVRGQPAPHARRALEIAAAGGHILLVGS	220
NTDB id 1153	A1552VC	RS00115	WP 000521788.1	GVERHKSAGSLLLEVCAIDLGGQQTSLFQSSPSV...QQVSQTRDQDIIIGQQQCKRALEIAAAGNHNLFLGPP	220
NTDB id 1397	DSB67	RS15690	WP 005535577.1	GKEQHKSAGSLLLEVCAELCGQHQLNLYQTPKKK...ELKAHGRDIQDIIIGQQQCKRALEIAAAGNHNLFLGPP	220
NTDB id 1349	HI 1117	AAC22771.1		SDQNTYFAQTLLDVVQFELNGQEKPLATEIVKESA VNFSGKNTLDLTDIIIGQQHAKRALTIAAAGQHNLFLGPP	224
NTDB id 1387	A4U84	RS06900	WP 020457569.1	SNTQTYCASTLLQVVNFIENNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIIGQQHAKRALTIAASGQHNLFLGPP	223
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NTDB id 1323	RA0C	RS07335	WP 004916218.1	CSGKTM LAKRIPSLPPLTLKEAETTKIHSVAGKMGAETSLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLA	298
NTDB id 1271	LPP	RS03220	WP 011213198.1	CSGKTMMAKRFSTLLPELSETQALECAAINSIRGKLP.DFREWLPPFRAPHHTASPVALVGGGNPPKPGEISLA	294
NTDB id 1248	GC085	RS03150	WP 011213198.1	CSGKTMMAKRFSTLLPELSETQALECAAINSIRGKLP.DFREWLPPFRAPHHTASPVALVGGGNPPKPGEISLA	294
NTDB id 227754	XcfCFBP6166P	RS19025	WP 022560201.1	CGGKTLASRLPGLLPEASEAEAEETAATSSISGRGL.DLARWRQRPYRAPHHTASAVALVGGGTHPRPGEISLS	294
NTDB id 1153	A1552VC	RS00115	WP 000521788.1	CTGKTM LASRLCDLLPEMSDEEAMETASIASITQQEI.NQHNWKLRPFRAPHHSSSMAALVGGGTIPRPGEISLA	294
NTDB id 1397	DSB67	RS15690	WP 005535577.1	CTGKTM LASRLCDLLPEMSDEEAMETASVASITQSEI.NEHNWKTRPFRAPHHSSSMAALVGGGSVPRPGEISLA	294
NTDB id 1349	HI 1117	AAC22771.1		CTGKTM LASRLTGLLPEMTDLEAETASVTSLVQNEL.NFHNWKQRPFRAPHHSASMPALVGGGTIPRPGEISLA	298
NTDB id 1387	A4U84	RS06900	WP 020457569.1	CTGKTM LASRLADLLPEMTDEAETASVTSLVQNEL.NFQNWKRPFPRPHSSASMPALVGGGSIPKPGEISLA	297
consensus					!* ! ! ! * * ! * ! * * * ! ! * * * * * * ! * * * * * ! ! * * * * * ! ! * * * * * ! !

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



ⓧ non conserved
ⓧ similar
ⓧ ≥ 50% conserved