

NTDB id 1323	RAOC RS07335 WP 004916218.1	.MLVKVYGSIAIHGVSAQTITIEVNVVDQGV.GYHLVGLP DNA IKESSHRISAALKNVGYKLP	GKKITINMAPADLRKEGSA	78
NTDB id 1271	LPP RS03220 WP 011213198.1	MSLAFTKTRSTIGIVAQPVSVSEVHLSNGLPSFTMVGLAETA VKESKDRVRSAIN	SGFEFPCRKITVNLGPANLPKGTSG	80
NTDB id 1248	GC085 RS03150 WP 011213198.1	MSLAFTKTRSTIGIVAQPVSVSEVHLSNGLPSFTMVGLAETA VKESKDRVRSAIN	SGFEFPCRKITVNLGPANLPKGTSG	80
NTDB id 1038567	ACCE61 RS21930 WP 023994477.1	MSLAIVHTRAAALGVNAPPITIEVHISNGLPGLTMVGLPETTVKEARDVRSAIN	SGYEFPAKKITINLAPADLPKEGGR	80
NTDB id 1153	A1552VC RS00115 WP 000521788.1	MGLAIHHSRASIGVQAPPVTVEVHISNGMPGFTLVGLPETTVKESRDRVRSAIN	SRFEFPAKRITVNLAPADLPKEGGR	80
NTDB id 1397	DSB67 RS15690 WP 005535577.1	MGLAIHHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSAIN	SNFQFPAKRITVNLAPADLPKEGGR	80
NTDB id 1349	HI 1117 AAC22771.1	MSLAIVYSRASMGVQAPLVTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNA	QFKYPAKRITVNLAPADLPKEGGR	80
NTDB id 1387	A4U84 RS06900 WP 020457569.1	MSLAIIYSRASIGVEAPLVTIEVHISGSGPLTLVGLPEKS VKEAQDRVRSALMNA	NFDYPARRITINLAPADLPKEGGR	80
consensus		*****	*****	

NTDB id	1323	RAOC RS07335 WP 004916218.1	YDLSIALGILAASGGTIAPETERYLIMGELSLDGGLQPIKGVLPATIRAREEGFKGITILPKQNTREAAIVNDLEVYGVEN	158
NTDB id	1271	LPP RS03220 WP 011213198.1	FDLPLIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLLIANANAAEASLTGHQKVFTANN	159
NTDB id	1248	GC085 RS03150 WP 011213198.1	FDLPLIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLLIANANAAEASLTGHQKVFTANN	159
NTDB id	1038567	ACCE61 RS21930 WP 023994477.1	YDLPIAVALLAASEQLTASNLEAYELVGELALTGAIRGVPGAIISSATEAIRA.GRNITIVATENAEVGLISKEGCFIADH	159
NTDB id	1153	A1552VC RS00115 WP 000521788.1	FDLPLIALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAALAANQV.ERCLVVPHSNGDQAALVGVERHKSAQS	159
NTDB id	1397	DSB67 RS15690 WP 005535577.1	FDLPLIALGILAASEQIATDKLKNYEFVGEALSGGLRRTVKGVLPAAALAANKK.QRHLLVVPHANGDQAALVGKEQHKSAAQS	159
NTDB id	1349	HI 1117 AAC22771.1	FDLPIAITGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAQAQS.KRELIIAKQNANEASLVSDQNTYFAQT	159
NTDB id	1387	A4U84 RS06900 WP 020457569.1	FDLPIAITGILAASGGIIDSDKLKRIELLGELSLTGHLRGVHGAIIPAVLAASKA.KREITIVPQQNANEVSLVSNTQTYCAST	159
consensus			*!*!*****!!*!* * *****!?!*!*****!*****!*****!*****!*****!*****!*****!*****!	

NTDB id 1323	RAOC RS07335 WP 004916218.1	TKEVIDFNFNENCP	LEPTKVNTREEFHKRVNLFPPF	DFSEVKGQETAKRAME	VAAAGGHNTIL	IGPPGSGKTM	LAKRIPSIL	238
NTDB id 1271	LPP RS03220 WP 011213198.1	LREVCVDYLCQGTS	LQSLPPKPDLL...LLNNYELDW	SDIKGQQHAKNAMV	IAACGGHISIL	LSGAPGSGKTM	MAKRFSSTLL	235
NTDB id 1248	GCO85 RS03150 WP 011213198.1	LREVCVDYLCQGTS	LQSLPPKPDLL...LLNNYELDW	SDIKGQQHAKNAMV	IAACGGHISIL	SGAPGSGKTM	MAKRFSSTLL	235
NTDB id 1038567	ACCE61 RS21930 WP 023994477.1	LQTVCAFLLEGKHAL	LERPLAQD...MASPTATADLRD	VIGEEQKRGLEI	ITAAAGHNHLL	IGPPGTGKTM	LASRLSGILL	234
NTDB id 1153	A1552VC RS00115 WP 000521788.1	LLEVCADFLCQGQT	LSLFQSSPSV...QQVSQTRDL	QDIIGQQGKRALE	IAAAGNHNLLF	LGPPGTGKTM	LASRLCDLIL	235
NTDB id 1397	DSB67 RS15690 WP 005535577.1	LLEVCADFLCQGQT	LSLFQSSPSV...QQVSQTRDL	QDIIGQQGKRALE	IAAAGNHNLLF	LGPPGTGKTM	LASRLCDLIL	235
NTDB id 1349	HI 1117 AAC22771.1	LLDVVQFLNGQEK	LPLATEIVKESAVNFSGKNTL	DLTDIIGQQHAKRAL	IAAAGQHNLFF	LGPPGTGKTM	LASRLTGLIL	239
NTDB id 1387	A4U84 RS06900 WP 020457569.1	LLQVVNFLNNRDQ	LPIAQQLSQNIEN.RPLVSR	DLTDIIGQQHAKRAL	IAAAGQHNLFF	LGPPGTGKTM	LASRLADLL	238
consensus		* * * * *	! ! ! ! !	! ! ! ! !	! ! ! ! !	! ! ! ! !	! ! ! ! !	

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NTDB id	1248	GCO85 RS03150 WP	011213198.1
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NTDB id	1397	DSB67 RS15690 WP	005535577.1
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consensus			

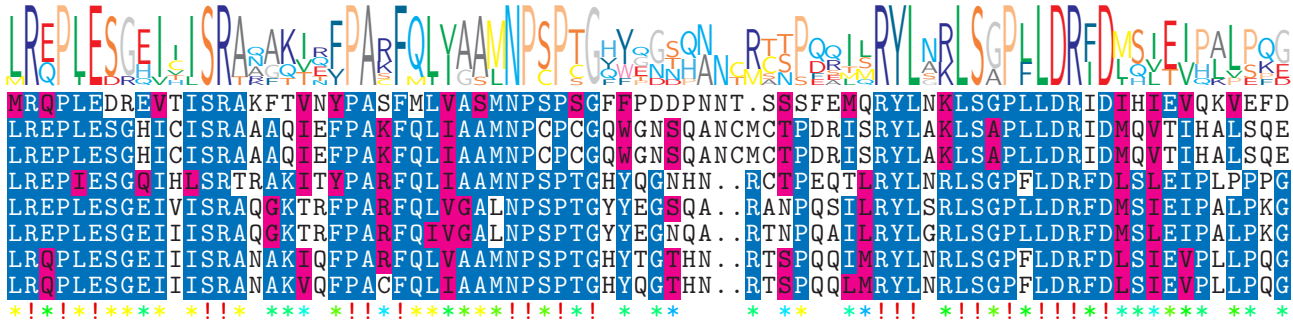
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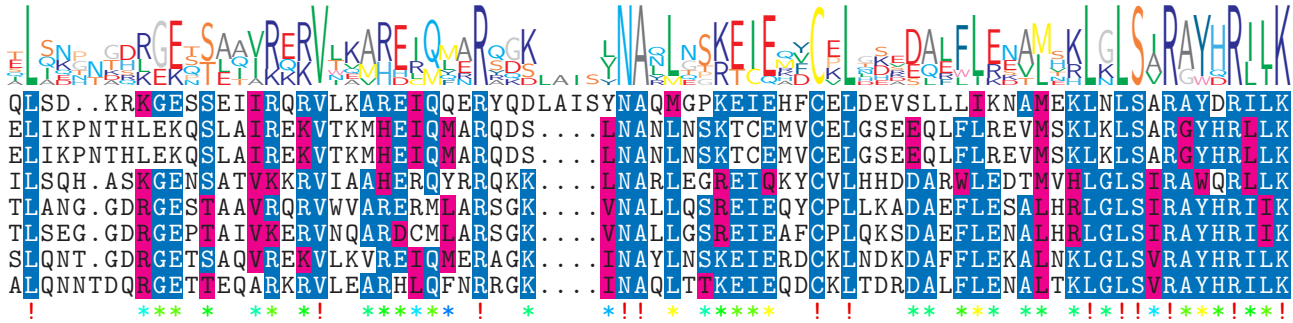
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NTDB id 1323 RAOC RS07335 WP 004916218.1
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consensus



510
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507
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510

☒ non conserved
☒ similar
☒ ≥50% conserved