

NTDB id	1323	RAOC RS07335 WP	004916218.1	.MLVVKVYGS ^A IHHGVS ^A QTTITTEVNVDQG ^V .GYHLVLGLPDNATIKESSHRISAA ^L KNVGVKLP ^G KKKITINMAPADLRKEGSA	78
NTDB id	1271	LPP RS03220 WP	011213198.1	MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG	80
NTDB id	1248	GC085 RS03150 WP	011213198.1	MSLAFTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGSG	80
NTDB id	1036174	ACA171 RS00935 WP	011257184.1	MSLAIVHSRARVRGVHAPEVRVEVHLSGGLPSTQMVGLEPAARRESRERVRAALICAFEFEPARRITINLAPADLPKEGGR	80
NTDB id	1153	A1552VC RS00115 WP	000521788.1	MGLAIITHSRASIGVQAPPVTVEVHLSNGMPGFLLVGLPETTVKESRDVRSAIINSRFEPFAKRITVNLAPADLPKEGGR	80
NTDB id	1397	DSB67 RS15690 WP	005535577.1	MGLAIITHSRASVGVQAPSVEVHLSNGMPGFLLVGLPETTVKESKDRVRSAIVNSIFQFPFAKRITVNLAPADLPKEGGR	80
NTDB id	1349	HI 1117 AAC22771.1		MSLAIVYSRASMGVQAPLVITEVHLSNGKPGFLLVGLPEKTVKEAQDVRVSALMNAQFKYPAKRITVNLAPADLPKEGGR	80
NTDB id	1387	A4U84 RS06900 WP	020457569.1	MSLAIIYSRASIGVEAPLVITEVHLSGGSPGLTLVLGLEPKSVKEAQDVRVSALMNAFDYPARRITINLAPADLPKEGGR	80
consensus				* * ! * * * * * ! * ! * * * * ! ! * * * * ! * * * * ! ! * * * * * ! ! * * * * ! * * ! * * ! * * ! * * ! * *	

NTDB id 1323	RAOC RS07335 WP 004916218.1	YDI	ST	AI	LG	IL	AA	SG	QT	IA	PE	TER	Y	LI	MG	EL	SL	DG	GL	QP	IK	GV	LP	IA	TR	ARE	EG	FG	KG	II	LP	KQ	NT	RE	AA	IV	ND	LE	VY	GV	EN	158																																						
NTDB id 1271	LPP RS03220 WP 011213198.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	P	L	T	N	L	A	N	H	E	F	I	G	E	L	A	L	S	G	E	L	R	G	V	S	A	I	P	A	V	L	A	A	H	K	D	.N	Q	H	L	I	I	A	N	A	A	E	A	S	L	T	G	H	Q	K	V	F	T	A	N	159			
NTDB id 1248	GC085 RS03150 WP 011213198.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	P	L	T	N	L	A	N	H	E	F	I	G	E	L	A	L	S	G	E	L	R	G	V	S	A	I	P	A	V	L	A	A	H	K	D	.N	Q	H	L	I	I	A	N	A	A	E	A	S	L	T	G	H	Q	K	V	F	T	A	N	159			
NTDB id 1036174	ACA171 RS00935 WP 011257184.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	D	R	Q	A	L	G	D	Y	E	F	I	G	E	L	A	L	S	G	E	L	R	G	V	I	D	G	V	P	A	A	L	A	A	Q	A	.Q	R	R	L	I	V	P	L	A	N	A	A	E	A	A	I	A	E	H	V	E	A	F	T	A	R	T	159
NTDB id 1153	A1552VC RS00115 WP 000521788.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	A	R	N	K	L	E	S	Y	E	F	I	G	E	L	A	L	S	G	E	I	R	G	V	K	G	V	L	P	A	A	L	A	N	Q	V	.E	R	C	L	V	V	P	H	S	N	G	D	Q	A	A	L	V	G	V	E	R	H	K	S	A	Q	S	159
NTDB id 1397	DSB67 RS15690 WP 005535577.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	A	T	D	K	L	K	N	Y	E	F	V	G	E	L	A	L	S	G	G	L	R	T	V	K	G	V	L	P	A	A	L	A	N	K	K	.Q	R	H	L	V	V	P	H	A	N	G	D	Q	A	A	L	V	G	K	E	Q	H	K	S	A	Q	S	159
NTDB id 1349	HI 1117 AAC22771.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	D	A	S	H	L	K	Q	F	E	F	V	A	E	L	A	L	S	T	G	L	R	G	V	H	G	V	L	P	A	A	L	A	N	K	S	.K	R	E	L	I	I	A	K	Q	N	A	N	E	A	S	L	V	S	D	Q	N	T	Y	F	A	C	T	159
NTDB id 1387	A4U84 RS06900 WP 020457569.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	D	S	D	K	L	K	R	I	E	L	L	G	E	L	S	L	T	G	H	L	R	G	V	H	G	A	I	P	A	V	L	A	A	S	K	A	.K	R	E	I	V	P	Q	Q	N	A	N	E	V	S	L	V	S	N	T	Q	T	Y	F	A	C	T	159
consensus		Y	D	I	S	T	A	I	L	G																																																																						

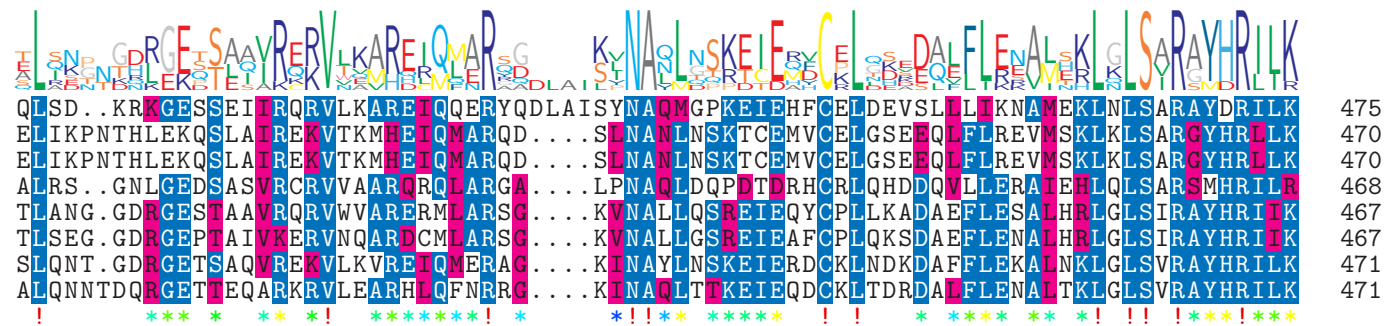
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NTDB id	1323	RAOC RS07335 WP	004916218.1	PPLTLKEAEETTKTHSVAGKMGAETSMTIRPFRSPHHTISDVALVGGGSYPQPGGEISLAHNGLVFLDEMPFEKRTVLVE	318
NTDB id	1271	LPP RS03220 WP	011213198.1	PELSETQAIECAAINSTRGKLPLDFREWILPPFRRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFDELPEFNQRVLE	314
NTDB id	1248	GC085 RS03150 WP	011213198.1	PELSEQAIECAAINSTRGKLPLDFREWRLLPFRRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFDELPEFNQRVLE	314
NTDB id	1036174	ACA171 RS00935 WP	011257184.1	PEASEAEALETAAITSSRGRLLDLARWQRPRYRAPHHTASAVALVGGGTTPRPGEISLAHNGLVFLDELPEWQRQTLEV	314
NTDB id	1153	A1552VC RS00115 WP	000521788.1	PEMSDEEAMETASIASLTQQEI.NQHNNWLRLPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLD	314
NTDB id	1397	DSB67 RS15690 WP	005535577.1	PEMSDEEAMETASVASLTQSEI.NEHNNWKTLPFRAPHHSSSMAALVGGGSVPVRPGEISLAHNGLLFLDEMPEFD RKVLD	314
NTDB id	1349	HI 1117 AAC22771.1		PEMTDLEAETASVTSLVQNEL.NFHNNWQLRPFRAPHHSSAMPALVGGGTIPKPGEISLATNGVLFDELPEFERKVLD	318
NTDB id	1387	A4U84 RS06900 WP	020457569.1	PEMEDEALETASVTSLVQNEL.NFQNNWKLRPFRSPHHSASMVALVGGGSIPKPGEISLAHNGLVFLDELPEFERKVLD	317
consensus				!*****!*!!**!*!*!*!*!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*	

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NTDB id 1323 RA0C RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 1036174 ACA171 RS00935 WP 011257184.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

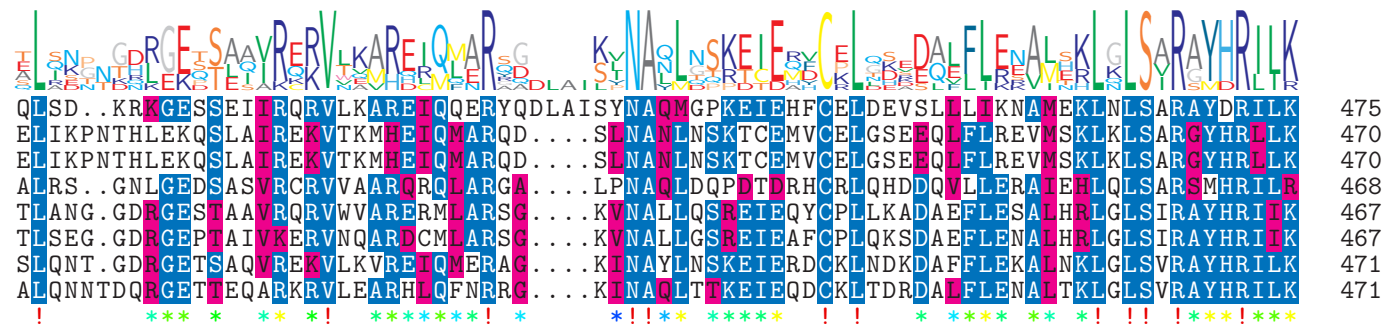
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NTDB id 1323 RA0C RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 1036174 ACA171 RS00935 WP 011257184.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

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NTDB id 1323 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 1036174 ACA171 RS00935 WP 011257184.1
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NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

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- X non conserved
- X similar
- X $\geq 50\%$ conserved