

First line of each block shows the human IF2 protein

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Human-mit	QDKVRKNKDAVRRPQADPALLTP	RS	PVVTIMGHVDHGKTLLDKFRKTKV	54
Yeast-mitPKLLTKR	AP	PVVTIMGHVDHGKTLLDYLRKSSV	33
E.coli	LRRENEL	EAVMSDRDTGAAAEP	RAPVVTIMGHVDHGKTSLLDYLRSTKV	100
B.subtilis	VLEETEL	EKYEEPNEE . . DLEI	RPPVVTIMGHVDHGKTLLDSLRKTKV	101
NIF	EAKKKKQ	QQQSAAFSPDANL	RSPICCIMGHVDTGKTKLLDCIRGTNV	102
eIF5B	DKAKRRI	EKRRLEHSKNVNTEKL	RAPLICVLGHVDTGKTKLLDKLRHTHV	242

Human-mit	AAVETGGITQHIGAF	LV	SLP.S	GEK	ITFLDTPGH	87
Yeast-mit	VAQEHGGITQHIGAF	QIT	APKS	GKK	ITFLDTPGH	67
E.coli	ASGEAGGITQHIGAV	HV	ETE	NGM	ITFLDTPGH	132
B.subtilis	VEGEAGGITQHIGAY	QI	EEN	GKK	ITFLDTPGH	133
NIF	QEGEAGGITQ	QIGATYFPAENIRDR	TKELK . .	ADATLKVPG	LVITDTPGH	150
eIF5B	QDGEAGGITQ	QIGATN	VPLEAINEQTKMIKNFDRENVR	IPGMLI	ITDTPGH	292

Residues that are absent in the human protein

Human-mit	AAFSAMRA	95
Yeast-mit	AAFLKMRE	75
E.coli	AAFTSMRA	140
B.subtilis	AAFTTMRA	141
NIF	ESFNNLRS	158
eIF5B	ESFSNLRN	300