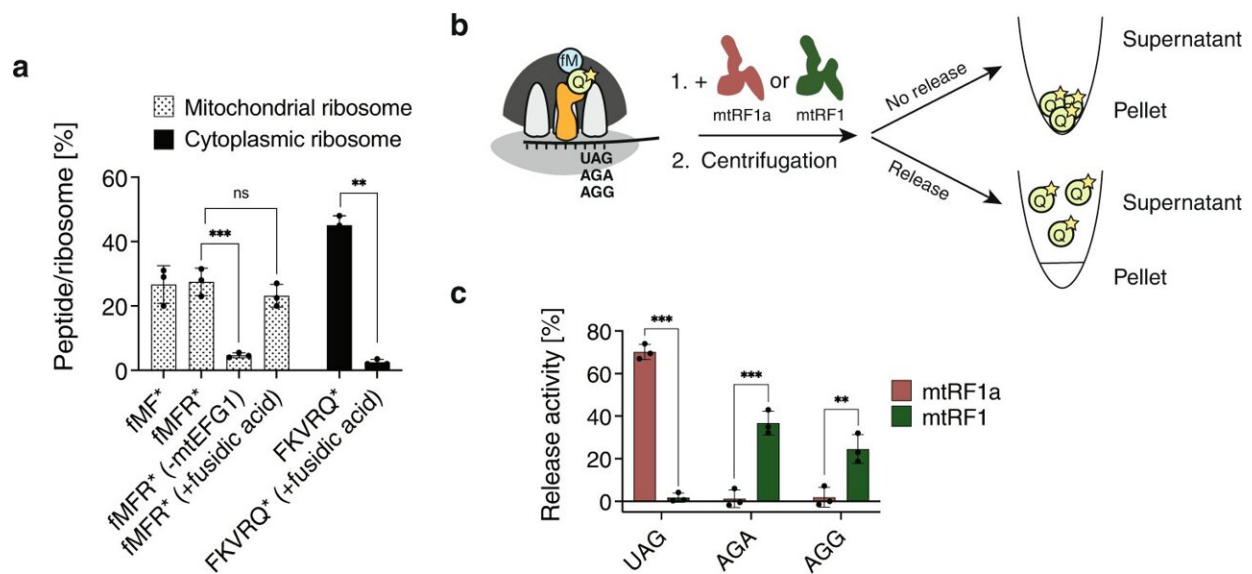


New insights into a fundamental process in mitochondria

January 4 2023



mtRF1 specifically acts on non-canonical stop codons AGA/AGG. a In vitro translation assay using mitochondrial or cytosolic ribosomes. Up to five amino-acylated tRNAs were added to the translation mixture. Elongation was assessed by measuring incorporation of radioactively labeled amino acids (*). Specificity of mitoribosomal translation was tested by the absence of mtEFG1 or by addition of fusidic acid. Means and SD of n = 3 independent experiments. Unpaired two-tailed t-test (*P

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