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Authors: Margaret A. Schwarz, Daniel D. Lee, Seamus Bartlett

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Short Communications:

Aminoacyl tRNA synthetase complex interacting multifunctional protein 1 simultaneously binds Glutamyl-Prolyl-tRNA Synthetase and Scaffold Protein Aminoacyl tRNA synthetase complex interacting multifunctional protein 3 of the Multi-tRNA Synthetase Complex

Margaret A. Schwarz¹, Daniel D. Lee¹ and Seamus Bartlett²

¹Indiana University School of Medicine South Bend, IN 46617 and ²University of Notre Dame Notre Dame, IN 46556

*Running title: *AIMP1 binds EPRS and AIMP3*

Key Words: aminoacyl tRNA synthetase, RNA-protein interaction, transfer RNA (tRNA)

Correspondence:

Margaret A. Schwarz
Department of Pediatrics,
Indiana University School of Medicine South Bend
1234 Notre Dame Ave, South Bend, IN 46617
574-631-5634
schwama@iu.edu

Abbreviations:

EMAP II: Endothelial-Monocyte Activating Polypeptide II

AIMP: aminoacyl tRNA synthetase complex interacting multifunctional protein

aa: amino acids

MSC: multi-synthetase complex

ARS: aa-tRNA synthetases

Arc1p: ARS cofactor 1 protein

MARS: Methionyl-tRNA synthetase

EPRS: Glutamyl-Prolyl-tRNA Synthetase

RARS: Arginyl-tRNA Synthetase

GST-L: GST-like

TRBD: tRNA (TR) binding domain

MALDI-TOF: Matrix Assisted Laser Desorption Ionization-time of flight

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