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3 Additional Supporting Information may be found in the online version of this article.
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6 **Figure S1: Tissue ATP trends for individual grafts.** *Green* lines represent liver grafts that
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8 have a final ATP content of >200 pmol/mg protein and *blue* lines those that stay below >200
9 pmol/mg protein.
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13 **Table S1: Composition of the perfusate.**
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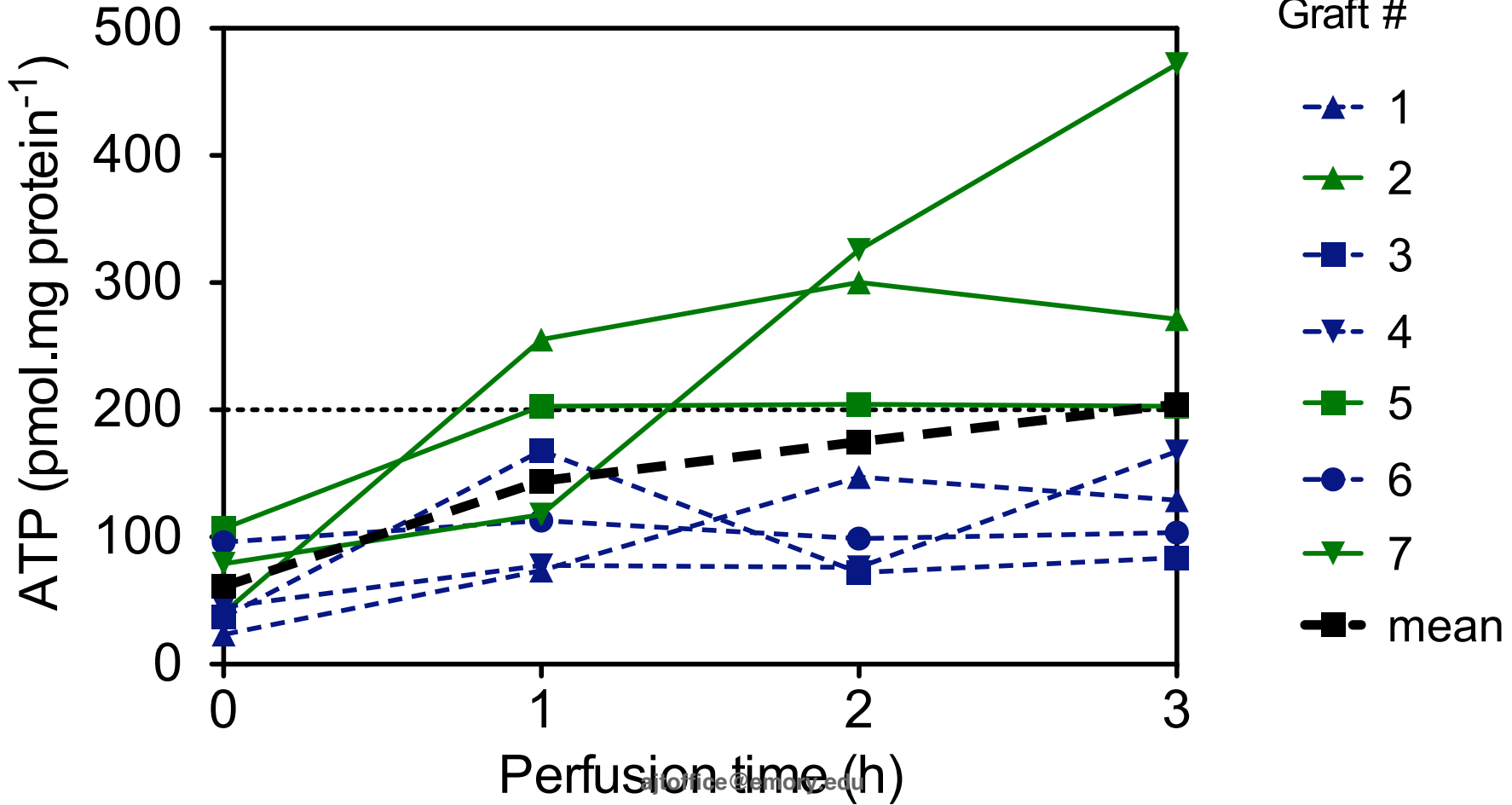


Table S1**Perfusate composition**

Inorganic Salts	g/L	Amino Acids (continued)	g/L
Calcium Chloride	0.2	L-Tyrosine • 2Na • 2H ₂ O	0.05045
Cupric Sulfate • 5H ₂ O	0.0000001	L-Valine	0.05
Ferric Nitrate • 9H ₂ O	0.0000001		
Magnesium Chloride • 4H ₂ O	0.0000001	Vitamins	g/L
Magnesium Sulfate (anhydrous)	0.0977	Ascorbic Acid • Na	0.00227
Potassium Chloride	0.4	D-Biotin	0.0005
Sodium Bicarbonate	2.2	Calciferol	0.0001
Sodium Chloride	6.8	Choline Chloride	0.0015
Sodium Phosphate Monobasic (anhydrous)	0.122	Folic Acid	0.001
Zinc Sulfate • 7H ₂ O	0.0000002	<i>myo</i> -Inositol	0.002
		Menadione (sodium bisulfite)	0.00001
Amino Acids	g/L	Niacinamide	0.001
L-Alanine	0.09	D-Pantothenic Acid (hemicalcium)	0.001
L-Arginine (free base)	0.05	Pyridoxal • HCl	0.001
L-Asparagine • H ₂ O	0.02	Retinol Acetate	0.0001
L-Aspartic Acid	0.03	Riboflavin	0.0001
L-Cysteine (free acid)	0.04	Thiamine • HCl	0.001
L-Cystine	0.02	DL- α -Tocopherol Phosphate • Na	0.00001
L-Glutamic Acid	0.0445	Vitamin B12	0.0002
L-Glutamine	0.292		
Glycine	0.05	Other	g/L
L-Histidine (free base)	0.015	D-Glucose	2
L-Isoleucine	0.05	Glutathione (reduced)	0.00005
L-Leucine	0.075	Methyl Linoleate	0.00003
L-Lysine • HCl	0.08746	Phenol Red • Na	0.0107
L-Methionine	0.015	Pyruvic Acid • Na	0.025
L-Phenylalanine	0.025	Penicillin (U/L)	40,000
L-Proline	0.03	Streptomycin	0.04
L-Serine	0.01	Humulin R (U//hr)	2
L-Threonine	0.04	Hydrocortisone	0.01
L-Tryptophan	0.01	Sodium Bicarbonate (8.4%)	30-50 mL