

**Table S1. Intracellular Concentration of Purine Nucleotides after Three Hours of Exposure to LY294002**

C2C12 cells were incubated for 3 h with 0.2% dimethylsulfoxide (vehicle, control) or with 20  $\mu$ M LY294002, and were extracted directly into 0.4 N perchloric acid. The cell extracts were neutralized with  $\text{KHCO}_3$ , and purine nucleotides were separated and quantified by high performance liquid chromatography as described in the text. The data are the mean  $\pm$  SEM of three independent experiments performed in duplicate.

Condition	AMP	GMP	ADP	GDP	ATP	GTP
	(nmol/ $10^6$ cells)					
Control	0.66 $\pm$ 0.04	0.18 $\pm$ 0.02	2.63 $\pm$ 0.81	0.63 $\pm$ 0.15	20.8 $\pm$ 4.7	4.63 $\pm$ 2.2
LY294002	0.56 $\pm$ 0.04	0.17 $\pm$ 0.02	3.35 $\pm$ 1.4	0.70 $\pm$ 0.25	22.0 $\pm$ 8.6	5.05 $\pm$ 2.9