

Table S9. KEGG pathway enrichment down-regulated mRNAs with top ten Enrichment score.

KEGG Pathway	KEGG Pathway Term	Count	Rich Ratio	<i>p</i> -value	<i>q</i> -value
pathway: 04260	Cardiac muscle contraction	18	0.227848101	1.49E-06	3.71E-04
pathway: 04514	Cell adhesion molecules (CAMs)	29	0.138755981	5.02E-05	0.004678135
pathway: 04621	NOD-like receptor signaling pathway	28	0.137931034	7.52E-05	0.004678135
pathway: 04668	TNF signaling pathway	22	0.156028369	7.05E-05	0.004678135
pathway: 00330	Arginine and proline metabolism	12	0.181818182	7.81E-04	0.038879672
pathway: 00480	Glutathione metabolism	13	0.158536585	0.001800797	0.058268988
pathway: 04060	Cytokine-cytokine receptor interaction	34	0.106583072	0.001872096	0.058268988
pathway: 04612	Antigen processing and presentation	18	0.135338346	0.001751373	0.058268988
pathway: 04261	Adrenergic signaling in cardiomyocytes	20	0.126582278	0.002269368	0.062785848
pathway: 00960	Tropane, piperidine and pyridine alkaloid biosynthesis	3	0.5	0.004377338	0.108995716