

Table S2. Gene symbol, primers sequences, Amplicon Size (A.S.), official name, and function of validation measured genes.

GENE	SEQUENCE	A.S (BP)	OFFICIAL NAME	FUNCTION
<i>LEP</i>	GGTGACTTTCIGTTTGGAGGAG GTGGCTTTGGCCCTATCTTT	142	Leptin	Adipocyte-secreted cytokine that plays a major role in the regulation of energy homeostasis
<i>ANGPT1</i>	GAAGGGAACCGAGCCTATTC TTTTCCTGCTGTCCCAGTGT	102	Angiopoietin 1	Member of a glycoprotein family involved in vascular development and angiogenesis
<i>MMP2</i>	CTACGATGGAGGCGCTAATG ACTCTTTGTCCGTTTGGGG	150	Matrix Metalloproteinase 2	Gelatinase A, type IV collagenase enzyme capable of cleaving extracellular matrix components
<i>MMP9</i>	CAGTGCCATGTAATCCCA CACCTCCACTCCTCCCTTC	102	Matrix Metalloproteinase 9	Extracellular matrix remodeling enzyme that degrades type IV and V collagens