

SUPPLEMENTARY TABLE S3. SIGNIFICANT METABOLITE CHANGES AT DAY 21 OF OSTEOGENESIS COMPARED WITH DAY 14 OF IN VITRO OSTEOGENESIS

<i>Group</i>	<i>Metabolite name</i>	<i>Fold change</i>
Dex	Lysine	4.8260593
	Fumarate	1.3709074
	Phenylalanine	1.0946598
	Ornithine	1.1212214
	Cholesterol	4.2115283
	Glycerol	1.3450942
	Pyruvate	2.7201507
	Gaba	0.44058445
	b-alanine	0.69571054
	Glutamine	0.65733093
	Threonine	0.7232143
	Glucose	0.5594836
	Glutamate	0.64708805
	Valine	0.816897
	Isoleucine	0.85000294
	Methionine	0.7810027
	Glycine	0.83308864
	Aspartate	0.6880368
	Citrate	0.84462184
BMP-2	Tyrosine	0.9042496
	Glucose	0.5141191
	Glutamine	0.4454798
	Glutamate	0.51396006
	Citrate	0.412483
	Myoinositol	0.5873857
	Urea	0.36100852
	Threonine	0.54321337
	Glycerol	0.5594412
	Lactate	0.46642894
	Glycine	0.49511734
	Succinate	0.395437
	b-alanine	0.522683
	Tyrosine	0.61409324
	Valine	0.55258584

Red and *green* denote significantly increased or decreased metabolites, respectively, as presented in the core metabolic network reconstruction. Fold changes are expressed as unlogged values.