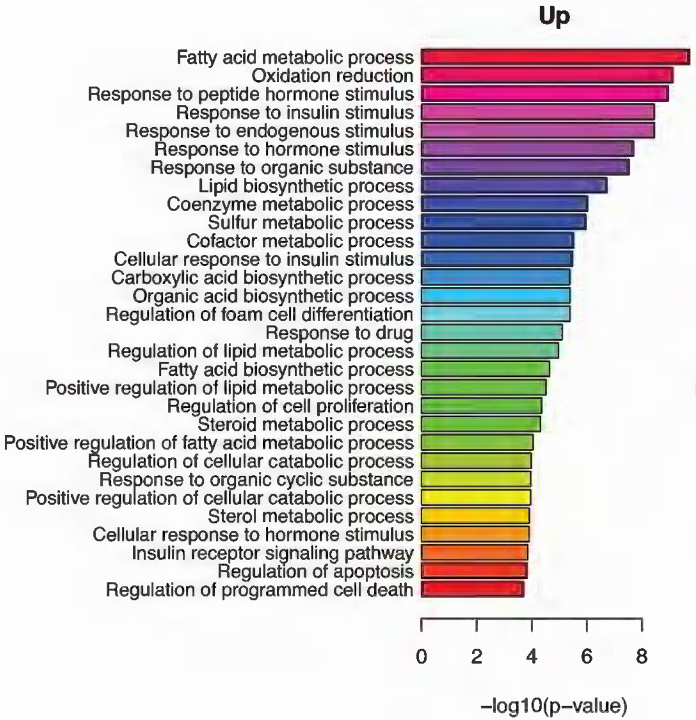
Supplemental Figure Legends

Supplemental Digital Content 1 . Table shows Primer sequences for qRT-PCR analysis.

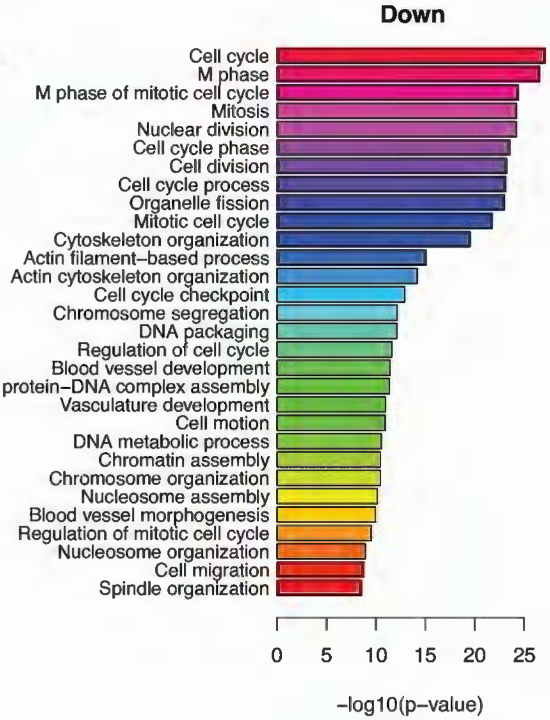
Supplemental Digital Content 2. Figure shows GO term analysis for upregulated and downregulated loci. A) The 30 most highly associated GO terms with upregulated transcripts. Longer bars correspond to greater number of loci associated with specific GO term. B) The 30 most highly associated GO terms with downregulated transcripts. Longer bars correspond to greater number of loci associated with specific GO term.

Supplemental Digital Content 3. Figure shows Guilt-by-association GO term analysis for lncRNA. Number of associated coding genes assigned to each lncRNA corresponding to more GO terms assigned to each specific lncRNA.

Gene	**Forward Primer Sequence**	**Reverse Primer Sequence**
HSD17B7P2	GAACTGGAGCCTCTCCTCTG	TTAGATTTCCTTGCATTGCG
AQP7P1	CCACTGAGAGTAGGGCACAA	CAAGTCCCATAGGCAACTCA
AQP7P3	GGCACAGGCGAACATACATA	CGTGGTTCCAAGTTAGCATC


Up
Fatty acid metabolic process
Oxidation reduction
Response to peptide hormone stimulus
Response to insulin stimulus
Response to endogenous stimulus
Response to hormone stimulus
Response to organic substance
Lipid biosynthetic process
Coenzyme metabolic process
Sulfur metabolic process
Cofactor metabolic process
Cellular response to insulin stimulus
Carboxylic acid biosynthetic process
Organic acid biosynthetic process
Regulation of foam cell differentiation
Response to drug
Regulation of lipid metabolic process
Fatty acid biosynthetic process
Positive regulation of lipid metabolic process
Regulation of cell proliferation
Steroid metabolic process
Positive regulation of fatty acid metabolic process
Regulation of cellular catabolic process
Response to organic cyclic substance
Positive regulation of cellular catabolic process
Sterol metabolic process
Cellular response to hormone stimulus
Insulin receptor signaling pathway
Regulation of apoptosis
Regulation of programmed cell death
0
2
4
6
8
−log10(p−value)

(a)


Down
Cell cycle
M phase
M phase of mitotic cell cycle
Mitosis
Nuclear division
Cell cycle phase
Cell division
Cell cycle process
Organelle fission
Mitotic cell cycle
Cytoskeleton organization
Actin filament−based process
Actin cytoskeleton organization
Cell cycle checkpoint
Chromosome segregation
DNA packaging
Regulation of cell cycle
Blood vessel development
protein−DNA complex assembly
Vasculature development
Cell motion
DNA metabolic process
Chromatin assembly
Chromosome organization
Nucleosome assembly
Blood vessel morphogenesis
Regulation of mitotic cell cycle
Nucleosome organization
Cell migration
Spindle organization
0
5
10
15
20
25
−log10(p−value)

(b)