

# Supplemental Figure 1

A

Category	Term	FDR
GOTERM_BP_FAT	GO:0031325~positive regulation of cellular metabolic process	3.94594E-23
GOTERM_BP_FAT	GO:0010604~positive regulation of macromolecule metabolic process	1.51999E-22
GOTERM_BP_FAT	GO:0031328~positive regulation of cellular biosynthetic process	3.34591E-22
GOTERM_BP_FAT	GO:0009893~positive regulation of metabolic process	4.46584E-22
GOTERM_BP_FAT	GO:0009891~positive regulation of biosynthetic process	4.88375E-22
GOTERM_BP_FAT	GO:0045935~positive regulation of nucleobase-containing compound metabolic process	7.84942E-22
GOTERM_BP_FAT	GO:0051173~positive regulation of nitrogen compound metabolic process	1.18526E-21
GOTERM_BP_FAT	GO:0010628~positive regulation of gene expression	1.39136E-20
GOTERM_BP_FAT	GO:0010557~positive regulation of macromolecule biosynthetic process	2.37441E-20
GOTERM_BP_FAT	GO:0010033~response to organic substance	2.96498E-20
GOTERM_BP_FAT	GO:0051254~positive regulation of RNA metabolic process	9.21353E-20
GOTERM_BP_FAT	GO:0048584~positive regulation of response to stimulus	9.21353E-20
GOTERM_BP_FAT	GO:1903508~positive regulation of nucleic acid-templated transcription	1.58486E-19
GOTERM_BP_FAT	GO:0045893~positive regulation of transcription, DNA-templated	1.58486E-19
GOTERM_BP_FAT	GO:1902680~positive regulation of RNA biosynthetic process	1.7684E-19
GOTERM_BP_FAT	GO:0042981~regulation of apoptotic process	2.87053E-19
GOTERM_BP_FAT	GO:0006915~apoptotic process	3.61243E-19
GOTERM_BP_FAT	GO:0043067~regulation of programmed cell death	4.0531E-19
GOTERM_BP_FAT	GO:0009719~response to endogenous stimulus	5.0699E-19
GOTERM_BP_FAT	GO:0010941~regulation of cell death	8.23807E-19
GOTERM_BP_FAT	GO:0042592~homeostatic process	1.26782E-18
GOTERM_BP_FAT	GO:0023051~regulation of signaling	1.48005E-18
GOTERM_BP_FAT	GO:0060548~negative regulation of cell death	2.12189E-18
GOTERM_BP_FAT	GO:0012501~programmed cell death	2.14558E-18
GOTERM_BP_FAT	GO:0008219~cell death	3.47412E-18
GOTERM_BP_FAT	GO:0006351~transcription, DNA-templated	3.50047E-18
GOTERM_BP_FAT	GO:0010646~regulation of cell communication	9.64296E-18
GOTERM_BP_FAT	GO:0009966~regulation of signal transduction	1.00801E-17
GOTERM_BP_FAT	GO:1901700~response to oxygen-containing compound	1.00801E-17
GOTERM_BP_FAT	GO:0019220~regulation of phosphate metabolic process	2.68315E-17