

Down-regulated genes in 8-cell embryos after HFD tsRNAs injection.

Term	PValue
cellular nitrogen compound metabolic process	5.32E-07
cellular macromolecule metabolic process	3.87E-06
nucleobase, nucleoside, nucleotide and nucleic acid metabolic process	1.33E-05
protein localization	2.95E-05
protein transport	4.18E-05
establishment of protein localization	5.24E-05
gene expression	7.22E-05
intracellular transport	1.63E-04
establishment of localization in cell	5.43E-04
cellular macromolecule localization	5.54E-04
cellular catabolic process	6.24E-04
regulation of macromolecule metabolic process	8.12E-04
regulation of primary metabolic process	0.001254
vesicle-mediated transport	0.0013509
cellular biosynthetic process	0.0015355
macromolecule biosynthetic process	0.0019922
macromolecule catabolic process	0.0021053
cell cycle phase	0.0038551

Up-regulated genes in 8-cell embryos after HFD tsRNAs injection.

Term	PValue
gene expression	6.72E-04
negative regulation of biological process	9.92E-04
cellular biosynthetic process	0.0010221
macromolecule biosynthetic process	0.0018764
response to oxidative stress	0.0038757
negative regulation of cellular process	0.0040035
generation of precursor metabolites and energy	0.004193
reproductive developmental process	0.0045163
response to inorganic substance	0.0049186
regulation of developmental process	0.0189338
feeding behavior	0.0230499
regulation of multicellular organismal process	0.024128
negative regulation of multicellular organismal process	0.0319945