

circadian metabolites chow

serum	p
Lysolipid	0.000
Long Chain Fatty Acid	0.000
Essential Fatty Acid	0.001
Carnitine Metabolism	0.043

muscle	p
Dipeptide	0.001

BAT	p
Lysolipid	0.002
Lysoplasmalogen	0.041

liver	p
Pyrimidine Metabolism, Cytidine containing	0.008
Fatty Acid Metabolism (Acyl Carnitine)	0.017
Urea cycle; Arginine & Proline Metabolism	0.020
Monoacylglycerol	0.047

WAT	p
Guanidino & Acetamido Metabolism	0.018

sperm	p
Glycolysis, Gluconeogenesis, Pyruvate metabolism	0.009
Pyrimidine Metabolism, Orotate containing	0.043

SCN	p
Leucine, Isoleucine & Valine Metabolism	0.001
Methionine, Cysteine, SAM & Taurine Metabolism	0.012
Glutamate Metabolism	0.022
Urea cycle; Arginine & Proline Metabolism	0.036

mPFC	p
Phospholipid Metabolism	0.000
Sphingolipid Metabolism	0.000
Diacylglycerol	0.001

circadian metabolites both

serum	p
Leucine, Isoleucine & Valine Metabolism	0.002
Gamma-Glutamyl	0.003
Methionine, Cysteine, SAM & Taurine Metabolism	0.020
Pyrimidine metabolism, Uracil containing	0.027

muscle	p
Glycolysis, Gluconeogenesis, & Pyruvate Metabolism	0.000
Urea cycle; Arginine & Proline Metabolism	0.003
Leucine, Isoleucine & Valine Metabolism	0.015

BAT	p
Dipeptide	0.000
Pyrimidine metabolism, Uracil containing	0.014

liver	p
Fructose, Mannose & Galactose Metabolism	0.006
Lysine Metabolism	0.007
Glutathione Metabolism	0.017
Pantothenate & CoA Metabolism	0.028

WAT	p
Lysine Metabolism	0.024

sperm	p
Monoacylglycerol	0.022

SCN	p
Histidine Metabolism	0.002
Diacylglycerol	0.042

mPFC	p
Histidine Metabolism	0.001
Diacylglycerol	0.003
Pyrimidine Metabolism, Thymine containing	0.047
Nicotinate & Nicotinamide Metabolism	0.049

circadian metabolites HFD

serum	p
Dipeptide	0.005
Glycine, Serine & Threonine Metabolism	0.041

muscle	p
Glycine, Serine & Threonine Metabolism	0.000
Fatty Acid Metabolism (Acyl Carnitine)	0.001
Alanine & Aspartate Metabolism	0.023
Polyamine Metabolism	0.049

BAT	p
Lysine Metabolism	0.031
Purine Metabolism, Guanine containing	0.031

liver	p
n/a	n/a

WAT	p
Long Chain Fatty Acid	0.032

sperm	p
Glycerolipid Metabolism	0.002

SCN	p
Diacylglycerol	0.000
Sphingolipid Metabolism	0.000
Fatty Acid Metabolism (Acyl Carnitine)	0.000
Lysoplasmalogen	0.009
Phospholipid Metabolism	0.013
Plasmalogen	0.029
Polyamine Metabolism	0.030
Methionine, Cysteine, SAM & Taurine Metabolism	0.045

mPFC	p
Nucleotide Sugar	0.007
Fructose, Mannose & Galactose Metabolism	0.008
Pyrimidine Metabolism, Orotate containing	0.017