

correlated metabolites chow

Serum	p
Essential fatty acid	0.005
Medium chain fatty acid	0.016
Lysolipid	0.023
muscle	p
Fatty Acid Metabolism(Acyl Carnitine)	0.000
Glycolysis, Gluconeogenesis, & Pyruvate Metabolism	0.001
Urea cycle; Arginine & Proline Metabolism	0.019
Glycogen Metabolism	0.029
TCA Cycle	0.035
Pantothenate & CoA Metabolism	0.042
Dipeptide	0.047
BAT	p
Pyrimidine Metabolism, Uracil containing	0.003
Pyrimidine Metabolism, Cytidine containing	0.014
Dipeptide	0.034
liver	p
Fructose, mannose, galactose, starch, & sucrose metabolism	0.000
Pyrimidine metabolism, uracil containing	0.024
Cysteine, methionine, SAM, taurine metabolism	0.049
SCN	p
Histidine Metabolism	0.000
mPFC	p
Histidine Metabolism	0.000

correlated metabolites HFD

Serum	p
Valine, leucine & isoleucine metabolism	0.002
Cysteine, methionine, SAM, taurine metabolism	0.024
muscle	p
Glycolysis, Gluconeogenesis, & Pyruvate Metabolism	0.004
Histidine Metabolism	0.004
Leucine, Isoleucine & Valine Metabolism	0.008
Glycine, Serine & Threonine Metabolism	0.027
Urea cycle; Arginine & Proline Metabolism	0.030
BAT	p
Polyunsaturated Fatty Acid (n3 & n6)	0.004
Dipeptide	0.021
liver	p
Fructose, mannose, galactose, starch, & sucrose metabolism	0.008
Glutathione metabolism	0.020
gamma-glutamyl	0.020
Pantothenate & CoA metabolism	0.032
SCN	p
Histidine Metabolism	0.001
Lysoplasmalogen	0.006
mPFC	p
Purine Metabolism, (Hypo)Xanthine/Inosine containing	0.003
Tocopherol Metabolism	0.010
Polyamine Metabolism	0.048