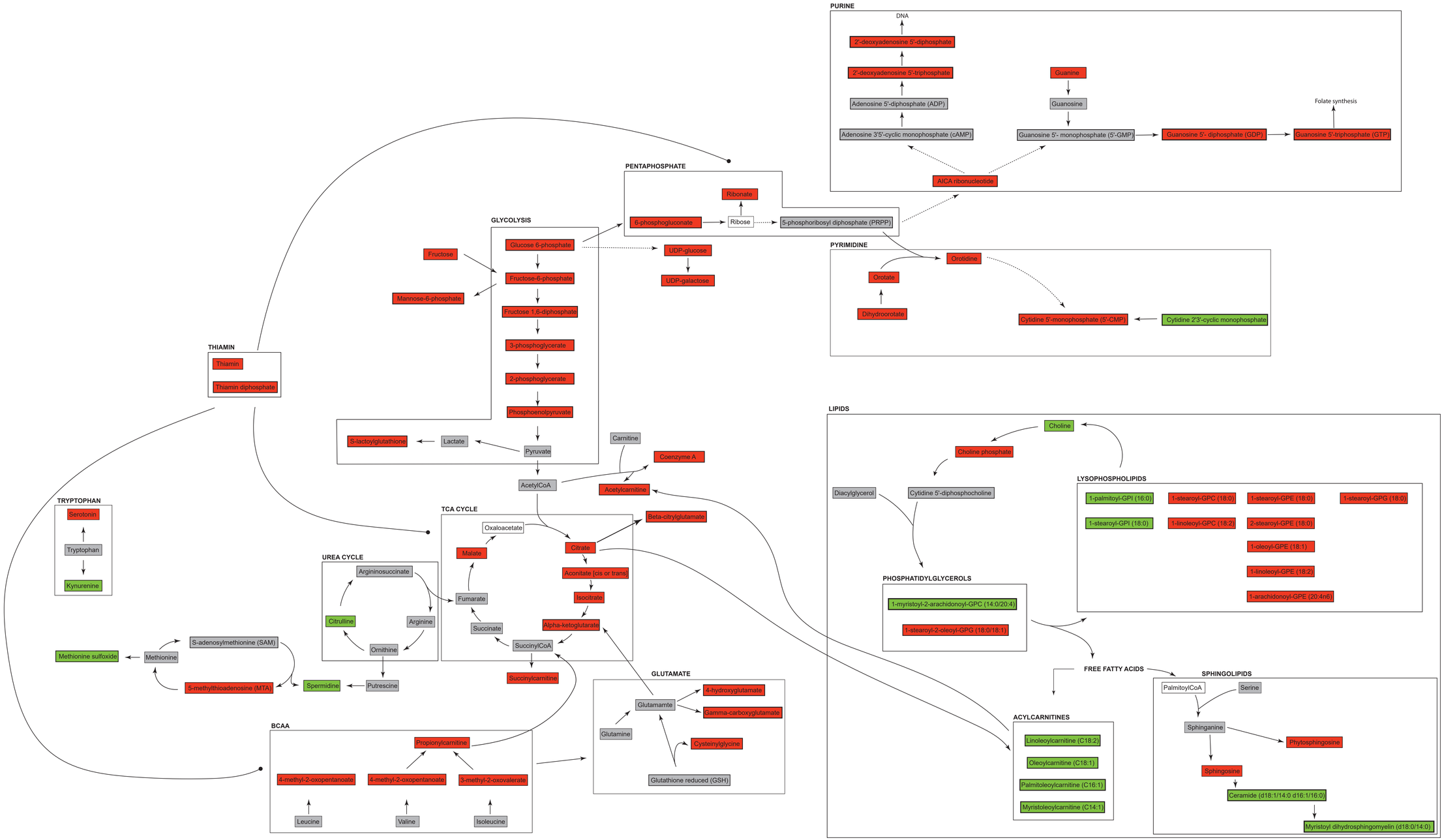
PURINE
DNA
2'-deoxyadenosine 5'-diphosphate
2'-deoxyadenosine 5'-triphosphate
Adenosine 5'-diphosphate (ADP)
Adenosine 3'5'-cyclic monophosphate (cAMP)
Guanine
Guanosine
Guanosine 5'- monophosphate (5'-GMP)
Guanosine 5'- diphosphate (GDP)
Guanosine 5'-triphosphate (GTP)
Folate synthesis
AICA ribonucleotide
PENTAPHOSPHATE
Ribonate
6-phosphogluconate
Ribose
5-phosphoribosyl diphosphate (PRPP)
GLYCOLYSIS
Glucose 6-phosphate
UDP-glucose
UDP-galactose
Fructose
Fructose-6-phosphate
Mannose-6-phosphate
Fructose 1,6-diphosphate
3-phosphoglycerate
2-phosphoglycerate
Phosphoenolpyruvate
S-lactoylglutathione
Lactate
Pyruvate
PYRIMIDINE
Orotidine
Orotate
Dihydroorotate
Cytidine 5'-monophosphate (5'-CMP)
Cytidine 2'3'-cyclic monophosphate
THIAMIN
Thiamin
Thiamin diphosphate
Carnitine
Coenzyme A
AcetylCoA
Acetylcarnitine
TRYPTOPHAN
Serotonin
Tryptophan
Kynurenine
TCA CYCLE
Oxaloacetate
Citrate
Beta-citrylglutamate
Malate
Aconitate [cis or trans]
Isocitrate
Alpha-ketoglutarate
Succinate
SuccinylCoA
Succinylcarnitine
UREA CYCLE
Argininosuccinate
Fumarate
Citrulline
Arginine
Ornithine
Putrescine
Spermidine
S-adenosylmethionine (SAM)
Methionine
Methionine sulfoxide
5-methylthioadenosine (MTA)
GLUTAMATE
Glutamamte
4-hydroxyglutamate
Gamma-carboxyglutamate
Glutamine
Cysteinylglycine
Glutathione reduced (GSH)
BCAA
Propionylcarnitine
4-methyl-2-oxopentanoate
4-methyl-2-oxopentanoate
3-methyl-2-oxovalerate
Leucine
Valine
Isoleucine
LIPIDS
Choline
Choline phosphate
Diacylglycerol
Cytidine 5'-diphosphocholine
LYSOPHOSPHOLIPIDS
1-palmitoyl-GPI (16:0)
1-stearoyl-GPC (18:0)
1-stearoyl-GPE (18:0)
1-stearoyl-GPG (18:0)
1-stearoyl-GPI (18:0)
1-linoleoyl-GPC (18:2)
2-stearoyl-GPE (18:0)
1-oleoyl-GPE (18:1)
1-linoleoyl-GPE (18:2)
1-arachidonoyl-GPE (20:4n6)
PHOSPHATIDYLGLYCEROLS
1-myristoyl-2-arachidonoyl-GPC (14:0/20:4)
1-stearoyl-2-oleoyl-GPG (18:0/18:1)
FREE FATTY ACIDS
ACYLCARNITINES
Linoleoylcarnitine (C18:2)
Oleoylcarnitine (C18:1)
Palmitoleoylcarnitine (C16:1)
Myristoleoylcarnitine (C14:1)
SPHINGOLIPIDS
PalmitoylCoA
Serine
Sphinganine
Phytosphingosine
Sphingosine
Ceramide (d18:1/14:0 d16:1/16:0)
Myristoyl dihydrosphingomyelin (d18:0/14:0)