Fraction and avg.intensity positive with n.l. fine_path log10 intensity Arg metabolism/Urea cycle 0 Asp and Asn metabolism 1 Carnitine biosynthesis 2 Creatinine biosynthesis 3 Glu and Gln metabolism 4 His metabolism 5 Metabolism of sulfur-containing amino acids fraction detected Methionine cycle 0.0 Other amino acid metabolism Phe and Tyr metabolism 0.2 Polyamine biosynthesis 0.4 Pro metabolism 0.6 Ser metabolism 8.0 Trp metabolism 1.0 Citric acid cycle Glycolysis Hexosamine biosynthetic pathway Inositol metabolism Pentose phosphate pathway Arachidonic acid metabolism Cholesterol metabolism Cholesterol synthesis Choline metabolism Fatty acid oxidation Fatty acid synthesis Glycerolipid metabolism -Phospholipid metabolism Sphingolipid metabolism Coenzyme A biosynthesis Folate cycle NAD cycle Redox metabolism Vitamin metabolism Purine metabolism Pyrimidine metabolism DHAP MAPS pNA NEDC DAN 9AA CMBT