Fraction and avg.intensity negative 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 9AA NOR DAN MAPS DHB pNA CHCA NEDC CMBT