• Argininemia (Arginase deficiency)

• Argininosuccinate aciduria

• Beta Ketothiolase (Mitochondrial Acetyl-CoA Thiolase Deficiency

• Biotinidase Deficiency

• Carnitine Acyl-Carnitine Translocase Deficiency

• Carnitine Palmitoyltransferase Deficiency Type 1 (CPT I)

• Carnitine Palmitoyltransferase Deficiency Type 1 CPT II

• Carnitine Uptake Deficiency

• Citrullinemia

• Cobalamin C deficiency

• Congenital Adrenal Hyperplasia

• Congenital Hypothyroidism

• Cystic Fibrosis

• 2,4-dienoyl-CoA Reductase

* Fabry

• Galactosemia

• Glutaric Acidemia

• Glutaric Acidemia Type II

• Homocystinuria

• 3-Hydroxy-3Methylglutaric aciduria

• Isobutyryl-CoA Dehydrogenase Deficiency

• Isovaleric Acidemia

• Long chain 3-hydroxyacyl-CoA dehydrogenase deficiency (LCHADD)

• Malonic Acidemia

• Maple syrup urine disease (Branched-chain ketoacid dehydrogenase deficiency)

• Medium chain acyl-CoA dehydrogenase deficiency (MCADD)

• 2-Methyl-3Hydroxybutyryl-CoA Dehydrogenase Deficiency

• 2- Methylbutyryl-CoA Dehydrogenase Def.

• 3 Methylcrotonyl- CoA carboxylase deficiency (3-MCC)

• Methylmalonic Acidemia

* Mucopolysarcharidosis type I (MPS I)

• Multiple Carboxylase Deficiency

• Phenylketonuria/ hyperphenylalaninemia

* Pompe

• Propionic Acidemia

• Severe Combined Immune Deficiency (SCID)

• Short chain acyl-CoA dehydrogenase deficiency (SCADD)

• Short chain 3-hydroxyacyl-CoA dehydrogenase deficiency (SCHADD)

• Sickle Cell Anemia

* Spinal Muscular Atrophy (SMA)

• Trifunctional Protein Deficiency

• Tyrosinemia Type I

• Tyrosinemia Type I/II/III

• Very long chain acyl-CoA Dehydrogenase (VLCADD)