## Recommended Uniform Screening Panel Core Conditions (As of July 2018)

| Core Condition   | Metabolic Disorder           |                                     |                           | Endocrine  | Hemoglobin<br>Disorder | Other    |
|--|------------------------------|-------------------------------------|---------------------------|------------|------------------------|----------|
|  | Organic<br>acid<br>condition | Fatty acid<br>oxidation<br>disorder | Amino<br>acid<br>disorder | - Disorder | Disorder               | Disorder |
| Propionic Acidemia   | Х                            |                                     |                           |            |                        |          |
| Methylmalonic Acidemia   | Х                            |                                     |                           |            |                        |          |
| (methylmalonyl-CoA mutase)  Methylmalonic Acidemia                   |                              |                                     |                           |            |                        |          |
| (Cobalamin disorders)  | X                            |                                     |                           |            |                        |          |
| Isovaleric Acidemia  | Х                            |                                     |                           |            |                        |          |
| 3-Methylcrotonyl-CoA Carboxylase Deficiency                          | Х                            |                                     |                           |            |                        |          |
| 3-Hydroxy-3-Methyglutaric<br>Aciduria                                | X                            |                                     |                           |            |                        |          |
| Holocarboxylase Synthase Deficiency                                  | X                            |                                     |                           |            |                        |          |
| ß-Ketothiolase Deficiency  | X                            |                                     |                           |            |                        |          |
| Glutaric Acidemia Type I   | Х                            |                                     |                           |            |                        |          |
| Carnitine Uptake Defect/Carnitine Transport Defect                   |                              | Х                                   |                           |            |                        |          |
| Medium-chain Acyl-CoA  |                              | Х                                   |                           |            |                        |          |
| Dehydrogenase Deficiency Very Long-chain Acyl-CoA                    |                              |                                     |                           |            |                        |          |
| Dehydrogenase Deficiency   |                              | X                                   |                           |            |                        |          |
| Long-chain L-3 Hydroxyacyl-CoA<br>Dehydrogenase Deficiency           |                              | Х                                   |                           |            |                        |          |
| Trifunctional Protein Deficiency                                     |                              | X                                   |                           |            |                        |          |
| Argininosuccinic Aciduria  |                              |                                     | Χ                         |            |                        |          |
| Citrullinemia, Type I  |                              |                                     | Χ                         |            |                        |          |
| Maple Syrup Urine Disease  |                              |                                     | Х                         |            |                        |          |
| Homocystinuria   |                              |                                     | Х                         |            |                        |          |
| Classic Phenylketonuria  |                              |                                     | Χ                         |            |                        |          |
| Tyrosinemia, Type I  |                              |                                     | Χ                         |            |                        |          |
| Primary Congenital<br>Hypothyroidism                                 |                              |                                     |                           | Х          |                        |          |
| Congenital adrenal hyperplasia                                       |                              |                                     |                           | X          |                        |          |
| S,S Disease (Sickle Cell Anemia)                                     |                              |                                     |                           |            | X                      |          |
| S, βeta-Thalassemia  |                              |                                     |                           |            | Х                      |          |
| S,C Disease  |                              |                                     |                           |            | X                      |          |
| Biotinidase Deficiency   |                              |                                     |                           |            |                        | X        |
| Critical Congenital Heart Disease                                    |                              |                                     |                           |            |                        | X        |
| Cystic Fibrosis  |                              |                                     |                           |            |                        | X        |
| Classic Galactosemia   |                              |                                     |                           |            |                        | Х        |
| Glycogen Storage Disease Type II (Pompe)                             |                              |                                     |                           |            |                        | X        |
| Hearing Loss   |                              |                                     |                           |            |                        | X        |
| Severe Combined<br>Immunodeficiencies                                |                              |                                     |                           |            |                        | X        |
| Mucopolysaccharidosis Type 1   |                              |                                     |                           |            |                        | Х        |
| X-linked Adrenoleukodystrophy  |                              |                                     |                           |            |                        | Х        |
| Spinal Muscular Atrophy due to homozygous deletion of exon 7 in SMN1 |                              |                                     |                           |            |                        | Х        |