

Supplemental Data Table S8. Detection rate of inherited metabolic diseases using the integrated screening model according to disease category

Abnormal metabolites	Current newborn screening (N of positives/No. of screened)	Genomic screening (N of validated/No. of screened)	N of detected cases with the integrated screening model	Detection rate
Conventional markers	231/120,700	45/231	45	19%
Amino acids	13/93,165	4/13	4	31%
Acylcarnitines	25/93,165	5/25	5	20%
Total	269/93,165	54/269	54	20%

Conventional markers include 17 α -hydroxyprogesterone, thyroid-stimulating hormone, free thyroxine, and galactose.