

SUPPLEMENTARY MATERIAL

Effect of Next-Generation Exome Sequencing Depth for Discovery of Diagnostic Variants

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Supplementary Table 2. Percentages of mapped depths in coding regions of the 175 diagnostic genes per data set per sample

Depth	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
20x	1.01	0.88	1.17	3.42	1.54	1.34	3.23	2.45	2.07	1.50
40x	1.01	0.88	1.17	3.42	1.54	1.33	3.23	2.45	2.08	1.50
60x	1.01	0.88	1.17	3.42	1.54	1.33	3.22	2.45	2.08	1.50
80x	1.01	0.88	1.17	3.42	1.54	1.33	3.22	2.45	2.08	1.50
100x	1.01	0.88	1.17	3.42	1.54	1.33	3.22	2.45	2.08	1.50
120x	1.01	0.88	1.17	3.42	1.54	1.33	3.22	2.45	2.08	1.50
140x	1.02	0.88	1.17	3.41	1.55	1.33	3.22	2.45	2.08	1.50
160x	1.02	0.88	1.17	3.42	1.54	1.33	3.22	2.45	2.08	1.50
180x	1.02	0.88	1.17	3.41	1.55	1.33	3.22	2.45	2.07	1.50
200x	1.02	0.88	1.17	3.41	1.55	1.33	3.22	2.45	2.07	1.50