

SUPPLEMENTARY TABLE S4. GENOME COVERAGE SUMMARY OF SEQUENCING DATA

<i>Sample name</i>	<i>Before combining sequencing data</i>				<i>After combining sequencing data</i>			
	<i>Whole exome</i>		<i>X-panel</i>		<i>Whole exome + X-Panel</i>		<i>Whole exome + X-panel (X-chromosome only)</i>	
	<i>Mean coverage (x)</i>	<i>%Bases above 20x</i>	<i>Mean coverage (x)</i>	<i>%Bases above 20x</i>	<i>Mean coverage (x)</i>	<i>%Bases above 20x</i>	<i>Mean coverage (x)</i>	<i>%Bases above 20x</i>
Family1 II.1	55.23	88	350.7	99	73.7	89.8	370.11	99.2
Family1 II.2	59.74	90.3	367.32	99	78.66	91	407.87	99.4
Family1 III.1	55.89	89	448.43	99.3	79.32	89.8	485.46	99.5
Family1 III.2	50.67	86.4	323.64	98.9	67.86	88.5	341.4	99.2
Family1 IV.1	61.1	90.9	468.79	99.3	85.68	91.7	510.16	99.5
Family1 IV.3	52.17	87.4	374.7	99.1	71.98	89.3	392.92	99.3
Family1 IV.2	51.81	87.1	286.34	98.9	66.87	89.1	304.47	99.2
Family1 IV.4	55.33	88.6	361.65	99.1	74.48	90.3	380.98	99.3
Family2 III.1	53.66	86.8	199.01	97.8	63.55	88.4	216.98	98.7
Family2 III.2	50.72	85.2	205.9	97.5	61.02	87	222.92	98.5
Family2 II.1	62.26	89	256.39	98	74.93	90.3	276.78	98.7
Family3 II.1	40.57	78	260.49	98.3	54.07	80.6	274.11	98.8
Family3 II.2	56.1	88.4	340.77	98.6	73.35	89.1	376.48	99.3
Family3 III.1	42.68	79.7	240.05	98.1	54.97	82	254.48	98.7
Family3 III.2	45.63	82	319.53	98.8	62.77	84.6	335.38	99