

Table S2: Whole exome sequencing quality scores of probands

Patient ID	Coverage	Read depth (20X)
P1	93.45	99.41
P2	130.13	99.55
P3	107.9	99.52
P4	143.49	99.6
P5	113.11	99.39
P6	112.1	99.65
P7	112.95	99.44
P8	108.42	99.63
P9	87.78	98.54
P10	83.49	98.45
P11	83.39	98.69
P12	92.15	98.84
P13	83.2	98.49
P14	81.89	98.56
P15	80.01	98.48
P16	110	95.9
P17	91	95.3
P18	101	96.2
P19	106	96.2
P20	103	96.2
P21	101	96
P22	64	92.7
P23	102	95.8
P24	72	95.4
P25	81	95.3
P26	109	95.5
P27	49	90.5
P28	51	90.9
P29	89	94.9
P30	71	94.3
P31	137	98.1
P32	110	96.1
P33	91	95.8
P34	91	95.8