

Table S2			
Chromosome	Gene	Function	Reads
6	Intergenic		1179
14	FOXG1	Mutant allele (c.688C>T)	586
20	BFSP1 (intronic region)	Encodes the protein Filensin in humans	309
14	FOXG1	Wild type allele	187
14	CEP128 (intronic region)	Encodes Centrosomal Protein 128	165
16	Intergenic		99
1	Intergenic		62
1	DPYD (intronic region)	Antisense RNA 1 (Non-Protein Coding)	49
20	E2F1 (intronic region)	Encodes the Transcription Factor E2F1 playing an important role in the control of cell cycle	44
9	SARDH (intronic region)	Encodes the mitochondrial enzyme Sarcosine Dehydrogenase that catalyzes the oxidative demethylation of sarcosine	31
12	BICD1 (intronic region)	Encodes the protein Bicaudal Homolog 1 implicated in COPI-independent membrane transport from the Golgi apparatus to the endoplasmic reticulum	27
11	Intergenic		21
8	Intergenic		16
12	CCDC91 (intronic region)	Encodes the Coiled-coil Domain-containing protein 91 involved in the regulation of membrane traffic through the trans-Golgi network (TGN)	11