

Supplementary Table S2. 109 genes on the gene panel.

ALDH5A1	CLCN6	GABRD	KCNT1	POLG	SYNGAP1
ALDH7A1	CLN3	GABRG2	LGI1	PPT1	SZT2
ALG13	CLN5	GLB1	LIAS	PRRT2	TBC1D24
ARHGEF9	CLN6	GNAO1	MAGI2	SCN1A	TCF4
ARX	CLN8	GRIN1	MAPK10	SCN1B	TNK2
ATP1A2	CNTN5	GRIN2A	MBD5	SCN2A	TPP1
ATP1A3	CNTNAP2	GRIN2B	ME2	SCN8A	TSC1
ATP6AP2	CTSD	HCN1	MECP2	SCN9A	TSC2
ATP7A	DEPDC5	HCN2	MEF2C	SLC12A2	UBE3A
BRAF	DGKD	HDAC4	MFSD8	SLC12A5	
CACNA1A	DNAJC6	HEXA	MTOR	SLC13A5	
CACNA1H	DNM1	HEXB	NDE1	SLC25A22	
CACNB4	DOCK7	HNRNPH1	NECAP1	SLC2A1	
CDKL5	EFHC1	HNRNPU	NEDD4L	SLC9A6	
CHD2	FLNA	IQSEC2	NRXN1	SPTAN1	
CHRNA2	FOXP1	KCNB1	PCDH19	SRPX2	
CHRNA4	GABRA1	KCNC1	PIGA	ST3GAL2	
CHRNA7	GABRA6	KCNG4	PLCB1	ST3GAL3	
CHRNB2	GABRB2	KCNQ2	PNKP	STX1B	
CLCN2	GABRB3	KCNQ3	PNPO	STXBP1	