

Supplementary Table1: List of genes for targeted sequencing

ABCA7	CST3	MARK1	RNF214
ABI3	DSG2	MEF2C-AS2	SIGMAR1
ACE	DSG2-AS1	MGAT4B	SLC12A5-AS1
ADAM10	ECE1	MIR6795	SLC24A4
AKAP9	ECE2	MIR6796	SNCA
ANP32A	EEF1AKMT4-ECE2	MME	SNCA-AS1
APOE	EPHA1	MMEL1	SNCB
APP	EPHA1-AS1	MMP9	SOD1
BACE1	FERMT2	MRNIP	SORL1
BACE2	FUS	MS4A6A	SQSTM1
BIN1	GBA	MTHFR	TARDBP
C19orf47	GRN	NME8	TBK1
C1orf167	GSK3B	NOTCH3	TMEM106B
C2CD3	GSN	NPC1	TRIM35
C9orf72	GSN-AS1	OPTN	TTC3
CASS4	HLA-DRB1	PICALM	TTC3-AS1
CD2AP	HLA-DRB5	PIN1	TTR
CD33	HNRNPA1	PLCG2	UBQLN1
CDK5	HTRA1	PLD3	UNC5C
CELF1	HTT	PPME1	VCP
CHCHD10	IDE	PPP2CA	VPS35
CHMP2B	INPP5D	PPP2R2A	ZCWPW1
CHRNA2	ITM2B	PPP2R5C	
CLU	LCMT1	PRKAR1B	
CNN2	LGMN	PSEN1	
COL4A1	LOC105376114	PSEN2	
CR1	LRRK2	PTK2B	
CSF1R	MAPT	RIN3	