

Curated Sets of iPSCs

*For more detailed cell line information, please see the [iPSC Catalog](#)

Table A. Lines with Patient-Derived ADRD Pathogenic Mutations (No isogenic available)

Gene	Genotype	# of Lines
PSEN1	WT/H163R	1
	WT/A246E	2
	WT/L435F	1
PSEN2	WT/N141I	2
APP	WT/V717I	2
	WT/Duplication	2
MAPT	WT/P301L	2
C9ORF72	Repeat Expansion	3

Table B. Misc. Mutations

Gene	Genotype	# of Lines
SOD1	WT/A4T	1
SQSTM1	WT/P308L	1
APP	Trisomy 21	3

Table C. J. Craig Venter Derived Cell Lines

Gene Edit	Genotype	# of Lines
WT Parental Line: IUGB55.1		
APP Knock-In (Pathogenic)	WT/K670N WT/M671L (WT/APP ^{swe})	2
	K670N/K670N M671L /M671L (APP ^{swe} /App ^{swe})	2
	WT/V717F	1
	V717F/V717F	1
	F691A/F691A E693A/E693A	1
	WT/A673T	1
	PSEN1 Knock-In (Pathogenic)	WT/DeltaE9
DeltaE9/DeltaE9		2
WT Parental Line: IUGB55.3		
SORL1 Knock-Out	WT/WT	2
	KO/KO	1

Table D. Goate Lines**IUGB 249.1 is the unedited patient line with a MAPT mutation S305N (heterozygous)**

Gene Edit	Genotype	# of Lines	CRISPR PAM EDIT
None	WT/S305N	1	No
MAPT Knock-In	S305N/S305N	1	No
	S305N/S305N	1	Yes
	WT/S305N	1	Yes
MAPT Revertant	WT/WT	1	Yes

IUGB250.1 is the unedited patient line with a MAPT mutation S305I (heterozygous)

Gene Edit	Genotype	# of Lines	CRISPR PAM Edit
None	WT/S305I	1	No
MAPT Knock-In	S305I/S305I	1	Yes
MAPT Revertant	WT/WT	1	Yes
	WT/WT	1	No