NYSCF The New York Stem Cell Foundation Research Institute

Cell line	CRISPR edit	Genotype	NYSCF ID	Status / Estimated Availability
WT parental line: 7889SA			CO0002-01-SV-003	Available
1	*APP* Knock-In (pathogenic)	WT/Swe	CO0002-01-CS-003	Available
2		Swe/Swe	CO0002-01-CS-004 / BN0013	Available
3		WT/A692G*	BN0009	Available
4		A692G/A692G*	BN0010	Available
5		WT/V717G	BN0011	Available
6		V717G/V717G	BN0012	Available
7	*PSEN1* Knock-In (pathogenic)	WT/M146V	CO0002-01-CS-002	Available
8		M146V/M146V	CO0002-01-CS-001	Available
9		WT/L166P^	BN0007	Available
10		L166P/L166P	BN0001	Available
11		WT/M233L	BN0005	Available
12		WT/A246E	BN0004	Available
13		A246E/Null	BN0006	Available
14	Double Knock-In (pathogenic)	Swe/Swe M146V/M146V	BN0002	Available
15	*APP* Knock-In (protective)	A673T/A673T	BN0003	Available
16	*APP* Knock-Out	APP-KO/KO	BN0008	Available

* Trisomy 20
^ Partial Trisomy 17

Reference:
Kwart, D. et al. A Large Panel of Isogenic APP and PSEN1 Mutant Human iPSC Neurons Reveals Shared Endosomal Abnormalities Mediated APP β-CTFs, Not Aβ. *Neuron* **104**, 256–270, e255 (2019).