

Supplemental information

**ELAVL4, splicing, and glutamatergic
dysfunction precede neuron loss
in *MAPT* mutation cerebral organoids**

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Table S1. Human iPSC lines used to generate 3D cerebral organoids.

<i>MAPT</i>	Age at Biopsy	iPSC Line	Abbreviated ID	Sanger seq. confirmed?	Karyotype
<i>V337M</i>	40s	ND32951A.15Δ2B09	NDB09	yes	normal
<i>V337V</i>	40s	ND32951A.15Δ1B06	NDB06	yes	normal
<i>V337M</i>	60s	GIH-6-C1-ΔA02	GIH6-A02	yes	normal
<i>V337V</i>	60s	GIH-6-C1-Δ1E11	GIH6-E11	yes	normal
<i>V337M</i>	30s	GIH-7-C2-Δ2A01	GIH7-A01	yes	normal
<i>V337V</i>	30s	GIH-7-C2-Δ2B12	GIH7-B12	yes	normal
<i>V337V</i>	30s	GIH-7-C2-Δ2F02	GIH7-F02	yes	normal
<i>WT</i>	50s	ND03231	3231	no	normal