Cell Lines for Angelman Syndrome (AS)

Cell line	Diagnosis	Reprogramming method	Starting cell type	Patient sex
AG1-0	AS type II deletion	Retrovirus	Fibroblasts	Female
AG1-0 DI-P	AG1-0 cell line with deletion that enables early imprinting	Retrovirus (see above)	Fibroblasts	Female
AG1-0 DI-P NGN2	AG1-0 cell line with deletion that enables early imprinting and inducible NGN2 inserted into AAVS1	Retrovirus (see above)	Fibroblasts	Female
AG2-3	AS type II deletion	Retrovirus	Fibroblasts	Male
Rx33	AS 2 bp deletion	STEMCCA lentivirus	Fibroblasts	Male
Rx35i	AS missense mutation	STEMCCA lentivirus	Fibroblasts	Male
Rx35i-corr	Corrected AS missense--normal	STEMCCA lentivirus	Fibroblasts	Male
Rx36	Unaffected mother from AS missense mutation (paternal mutation)	STEMCCA lentivirus	Fibroblasts	Female
AS UPD-9	Paternal uniparental disomy (UPD)	Episomal	Peripheral blood	Female
ΔUBE3A-MCH2-10	AS UBE3A homozygous mutation in normal iPSCs	Retrovirus	Fibroblasts	Female
MCH2-10	Normal	Retrovirus	fibroblasts	Female