Cell Lines for Prader-Willi Syndrome (PWS)

Cell line	Gene(s) affected	Description	Reprogramming method	Starting cell type	Patient sex
PWS UPD1-2	MKRN3, MAGEL2, NDN, SNRPN, SPAs, SNORD109A, SNORD116	PWS uniparental disomy iPSC, FPWR line	Lentivirus	Fibroblasts	Female
PWS2-9	SNRPN, SPAs, SNORD109A, SNORD116	PWS small deletion iPSC FPWR line	STEMCCA lentiviral	Fibroblasts	Male
PWS1-7	MKRN3, MAGEL2, NDN, SNRPN, SPAs, SNORD109A, SNORD116, UBE3A, etc	PWS large deletion iPSC	Retrovirus	Fibroblasts	Female
PWS1-7 NGN2	See above	PWS1-7 with inducible NGN2 inserted into AAVS1	Retrovirus	Fibroblasts	Female