Dup15q Syndrome iPSCs cell lines:

Cell line	Diagnosis	Reprogramming method	Starting cell type	Patient sex, age
Dup1-8	Idic15	Retrovirus (Y4 + Lin28)	Fibroblasts	F, 3 (GM07992 at Coriell)
F-Dup1-8*	Idic15	Retrovirus (Y4 + Lin28)	Fibroblasts	F, 3 (GM07992 at Coriell)
F-Dup1-8 corr*	Wild-type	Retrovirus (Y4 + Lin28)	Fibroblasts	F, 3 (GM07992 at Coriell)
DupCB/Rx68i	Idic15	Episomal (Y4)	Cord blood	F, newborn
SCC115	Mat.int.trip	Sendai (Y4-cytotune)	Fibroblasts	F, 3
SCC158	Idic15	Episomal (Y4)	Peripheral blood	M, (under 10)
801-018	Mat.int.dup	Lentivirus (Y4+ Lin28)	Fibroblasts	F, 35
801-015	Pat.int.dup	Lentivirus (Y4+Lin28)	Fibroblasts	F, 5

- * F-Dup1-8 and F-Dup1-8 corr have florescence, a lentivirus with the FUGW vector was used to make them fluorescent.

- Dup1-8: these fibroblasts are from Coriell and have no identifying information. There are no consent forms for these, and this patient was likely not consented explicitly for iPSC derivation, since the consent occurred before the advent of iPSC technology. Line was created at the Stem Cell Core where the iPSC lines were derived from fibroblasts (fibroblast ID # GM07992) from the NIGMS Human Genetic Cell Repository at the Coriell Institute for Medical Research.

- Dup1-8 Corr is an isogenic control for Dup1-8 (line was created at the Stem Cell Core where the iPSC lines were derived from fibroblasts (fibroblast ID # GM07992) from the NIGMS Human Genetic Cell Repository at the Coriell Institute for Medical Research, as indicated above. We used CRISPRs targeting the chromosome 15q-specific repeats to remove the idic chromosome. CytoSNP shows only the loss of the idic chromosome and the presence of the other (presumably benign) CNVs in this patient-derived cell line. Karyotype confirms the loss as well.

- DupCB/Rx68i. The cord blood sample was determined to be exempt from human subjects research. Please see Human Subjects Research Determination form from UConn Health.

- SCC115: The fibroblasts used were obtained using IRB approval 11-01350-FB from the University of Tennessee Health Science Center. We do not have the ICF form. Please also see the Human Subjects Research Determination form from UConn Health.

- SCC158: This blood sample was obtained using IRB approval number 13-131 from the Connecticut Children's Medical Center with reciprocity for UConn Health.

- 801-018 and 801-015: The fibroblasts used were obtained using IRB approval 11-01350-FB from the University of Tennessee Health Science Center. We do not have the ICF form. Please also see the Human Subjects Research Determination form from UConn Health. Please, note: 801-018 is not from an affected individual, but rather his mother, who is herself mosaic for a maternally-inherited interstitial duplication.

Note: The induced pluripotent stem cell lines provided herein have not undergone the standard quality control of the Coriell Cell Repositories

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