Supplement figures

Identification of apelin/APJ signaling dysregulation in a human iPSC-derived granulosa cell model of Turner syndrome

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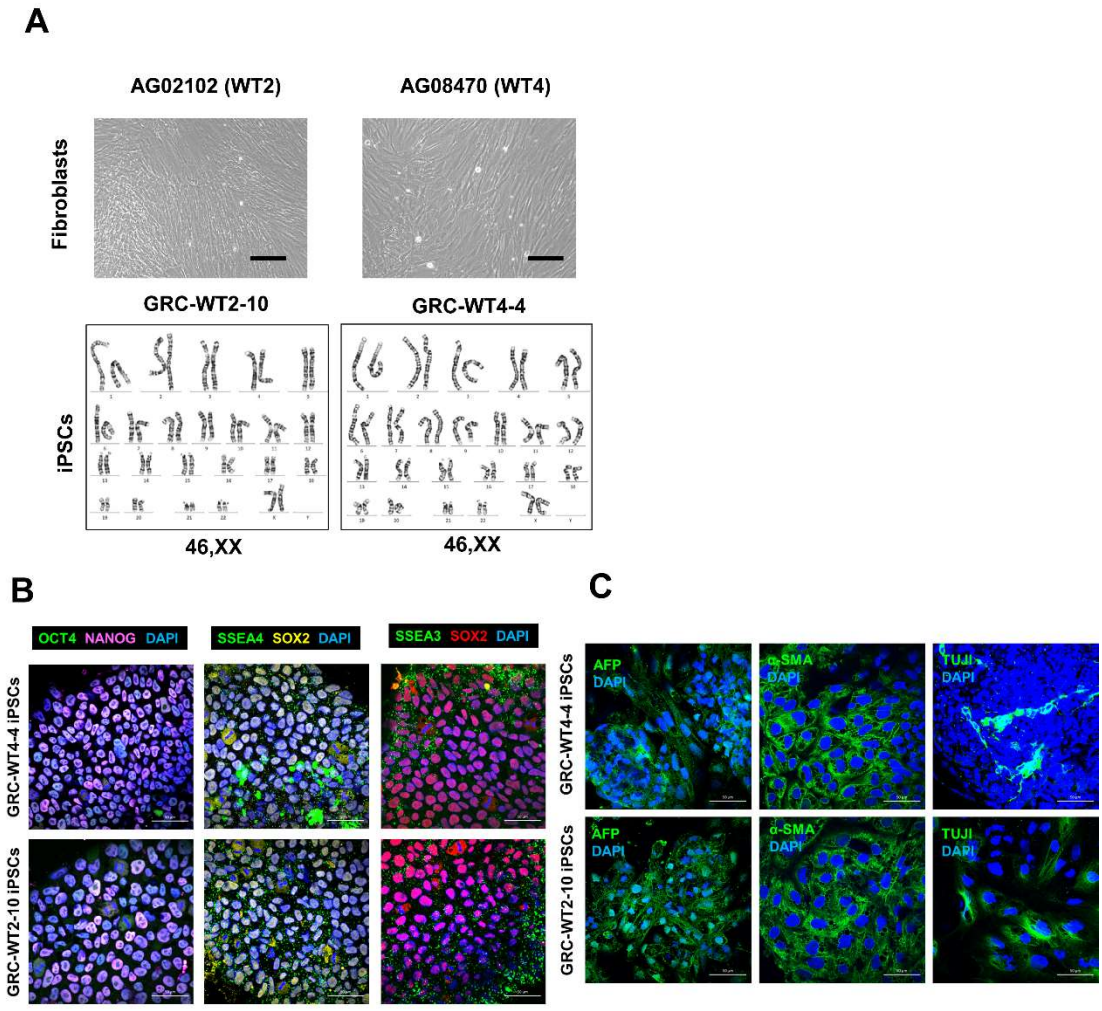

Fig. S1 Characterization of iPSC reprogramming from healthy donor fibroblasts.

(A) Karyotype analyses revealed that normal 46,XX in GRC-WT2-10 iPSCs and GRC-WT4-4 iPSCs reprogramming from parental fibroblasts. **(B)** Immunofluorescence staining for pluripotency marker, OCT4, SOX2, NANOG, SSEA4, SSEA3. Scale bar, 50 μm. **(C)** An *in vitro* spontaneous differentiation assay using embryonic bodies (EBs) formation (10% FBS, 10 days) was performed and immunofluorescence staining for the trilineage markers for ectoderm (TUJ1),

endoderm (AFP), and mesoderm (α-SMA). Scale bar, 50 μm.