Supplementary Material

The histone demethylase JMJD2A modulates the induction of hypertrophy markers in iPSC-derived cardiomyocytes

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# Supplementary Figures

**Figure S1.** Cardiomyocytes derived from hiPSC before and after the induction of hypertrophy with Endothelin 1. In the figure we can observe a slight increase in the size of cells after the induction of hypertrophy with endothelin 1 (ET-1).



**Figure S2.** In order optimize the transfection without affect the cell viability. First was testing different DNA:Lipofectamine 3000 ratios from 1:2 to 1:5 in cardiomyocytes. The best result was 1:4 DNA:Lipofectamine 3000 ratio compared with the others relations like evidence the membrane.