

Supplementary Figure 4

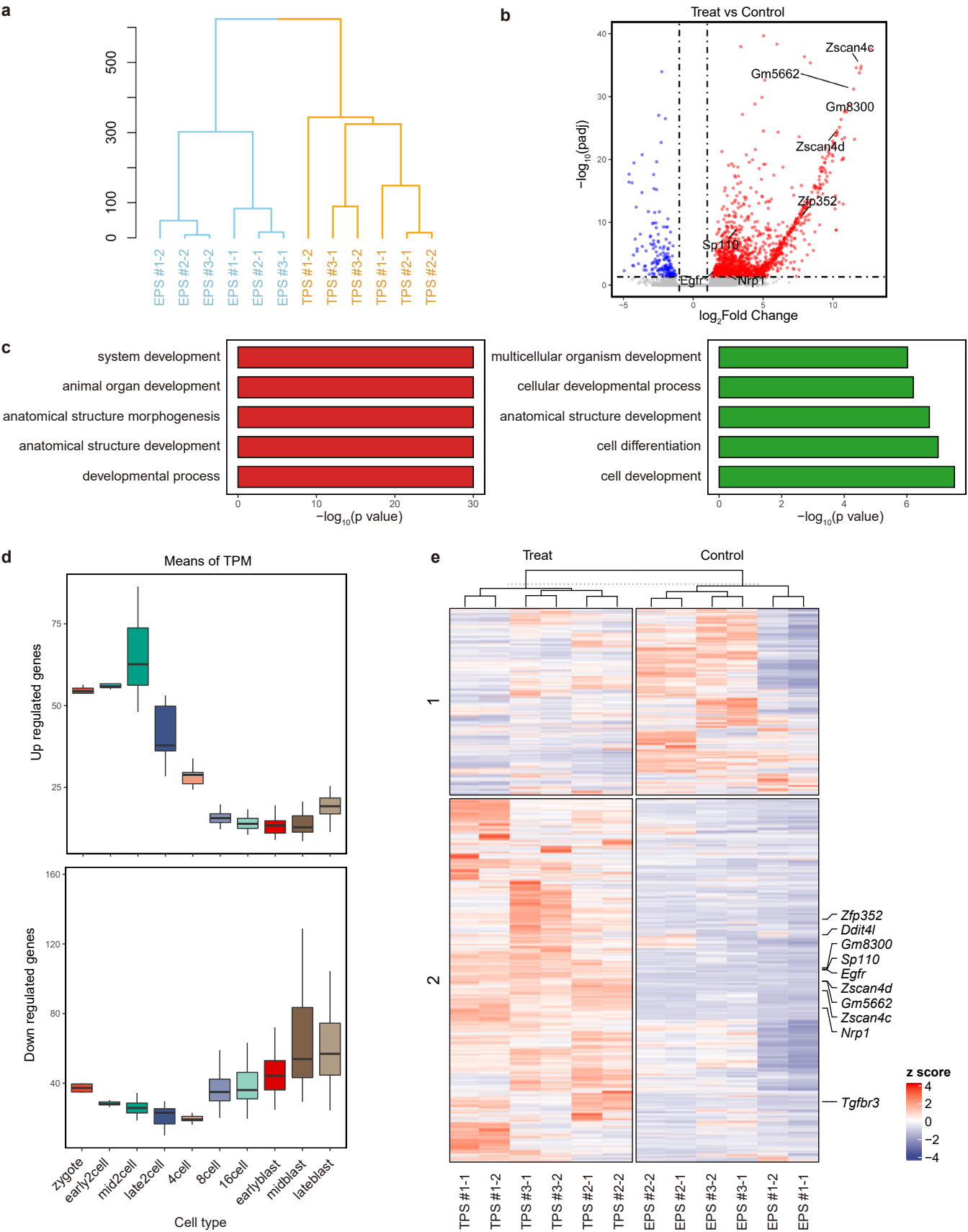


Figure S4. Transcriptomic analysis of TPS cells with 2-cell blastomeres and EPS cells.

- a. Hierarchical clustering analysis of TPS and EPS cell lines.
- b. Volcano plot showing comparison of transcriptomic differences between TPS and EPS cells. Representative upregulated genes are shown in red plots.
- c. Gene Ontology analysis of differently expressed genes between TPS and EPS cells. Left panel, genes upregulated in TPS cells. Right panel, genes downregulated in TPS cells.
- d. Box plots showing the expression of genes upregulated and downregulated in TPS cells at different development stages during preimplantation development (Deng et al., 2014).
- e. Heatmap showing the expression of 2-cell embryo-specific totipotency signatures in TPS and EPS cells.