

Supplementary Materials

Generation of blastoids from human parthenogenetic stem cells

Figure S1. Expression profiling of X chromosome linked genes.

The expression of representative X chromosome linked genes of hPg-EPSCs blastoids and hBp-EPSCs blastoids on Day 6 shown in the UMAP plot, including *APOO*, *ARTX*, *HNRNPH2*, *RBMX2*, *VBPI*, *SYAP1*, and *EIF2S3*.

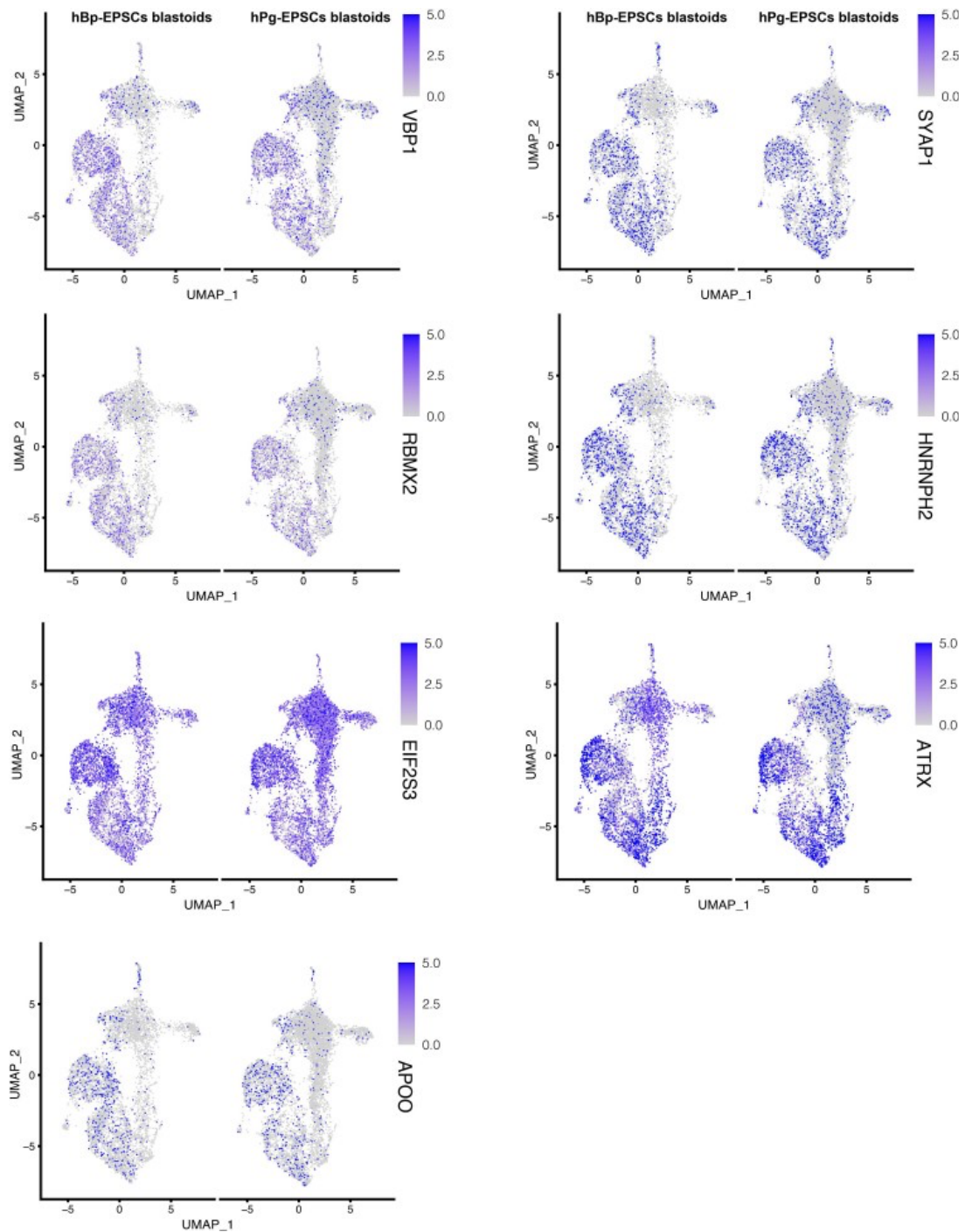


Table S1. PCR primers used to detect gene expression in hPg-ESCs and hBp-ESCs

Gene	Sense (5'-3')	Antisense (5'-3')	Size (bp)
<i>β-ACTIN</i>	AGGGCAGTGATCTCCTTCTG	ATTGGCAATGAGCGGTTCCG	212
<i>IGF-2</i>	CTCTCCGTGCTGTTCTCTCC	CGGGCCAGATGTTGTACTTT	196
<i>SNRPN</i>	CTTCTGCCCAGCTTGCAT	TGAAGATTCGGCCATCTTGC	205
<i>PEG1-2</i>	GCTGCTGGCCAGCTCTGCAC GGCTG	CTTGCCTGAAGACTTCCATGA GTGA	230
<i>H19</i>	TACAACCACTGCACTACCTG	TGGCCATGAAGATGGAGTCG	148
<i>UBE3A</i>	TTGCCACCATTTGTAGACCA	CCAATTTCTCCCTTCCTTCC-3	224