



TLX3  
 LHX5  
 UNCX  
 EN2  
 BARHL1  
 BARHL2  
 LHX1  
 PAX6  
 BARX1  
 ONECUT3  
 NKX6-3  
 ISL2  
 ALX1  
 HOXA1  
 NKX3-1  
 HOXB13  
 EVX1  
 HOXA13  
 HOXD13  
 IRX2  
 IRX3  
 IRX1  
 ALX4  
 LMX1B  
 IRX4  
 HOXC10  
 PITX3  
 LHX1  
 HOXC9  
 EN1  
 SIX2  
 SIX1  
 PRRX2  
 GSC2  
 ALX3  
 POU5F2  
 ANKX  
 ESX1  
 RHOXF1  
 PAX3  
 ZFH2  
 HOME2  
 NKX2-3  
 TLX1  
 NKX3-2  
 NKX2-5  
 NKX2-1  
 PAX8  
 DMBX1  
 PAX7  
 LMX1A  
 VAX1  
 HMX3  
 HMX2  
 NKX1-2  
 DBX1  
 BSLX  
 DBX2  
 HOXC12  
 HOXC11  
 GSX1  
 NKX2-8  
 PRRX2  
 SEBOX  
 HOXB1  
 NOTO  
 TLX2  
 EVX2  
 HOXD12  
 NKX2-4  
 GSC2  
 POU1F1  
 NKX1-1  
 DUX4  
 OTP  
 POU4F3  
 PROP1  
 PAX4  
 NKX2-6  
 LHX3  
 SHOX  
 CDX4  
 MEKX1  
 IRX8  
 SHOX2  
 HNF1B  
 PAX2  
 HOXB8  
 HOXD8  
 HOXA9  
 PHOX2B  
 DRX  
 PHOX2B  
 HOXA5  
 HDX  
 HOXD10  
 HOXA11  
 HOXA10  
 HOXD11  
 MSX1  
 DLX5  
 MSX2  
 PITX2  
 MEKX2  
 DLX3  
 DLX4  
 HOPX  
 CERS3  
 POU3F1  
 POU2F3  
 RHOXF2  
 RHOXF2B  
 DPRX  
 NANOGNB  
 GBX2  
 ARGFX  
 DUXA  
 HOXC13  
 CERS5  
 TPRX1  
 TPRX2  
 DUXB  
 CPHX1  
 CPHX2  
 LEUTX  
 HOXD1  
 IRX5  
 OTX1  
 TGIF1  
 POU5F1  
 HESX1  
 SIX4  
 NANOG  
 RAX  
 VSX2  
 HMX1  
 POU4F2  
 POU5F2  
 RAX2  
 CRX  
 SIX6  
 VAX2  
 VSX1  
 PROX1  
 ZFH4  
 SIX3  
 ONECUT1  
 CDX2  
 CDX1  
 MNX1  
 ISX  
 HOXB9  
 ONECUT2  
 PDX1  
 LBX2  
 HMBX1  
 HHEX  
 GSC  
 MIML1  
 EMX1  
 HOXA7  
 ISL1  
 POU2F1  
 POU4F1  
 ZHX1  
 ZFRX3  
 ZHX3  
 HNF1A  
 DLX6  
 GBX1  
 TPRXL  
 LHX8  
 NOBOX  
 OTX2  
 TGIF2LX  
 TGIF2LY  
 LHX4  
 BARX2  
 PITX1  
 NKX6-1  
 SATB1  
 PBR4  
 POU2F2  
 PAX5  
 VENTX  
 PBX2  
 HLX  
 HOXD4  
 HOXD9  
 EMX2  
 HDX6  
 HOXD3  
 HOXC6  
 HOXC8  
 MKX  
 ARX  
 LHX9  
 POU5F1  
 PKNX2  
 MEIS3  
 NKX2-2  
 NKX6-2  
 SATB2  
 DLX2  
 POU3F4  
 POU3F2  
 DLX1  
 LHX6  
 LHX2  
 CDX2  
 POU3F3  
 MEIS2  
 MEIS1  
 PBR1  
 TSHZ3  
 ZEB1  
 PRRX1  
 TSHZ2  
 SIX5  
 HOXB3  
 HOXB4  
 HOXB6  
 HOXB5  
 HOXA5  
 HOXA4  
 HOXC4  
 HOXC5  
 HOXC2  
 HOXB7  
 CUX1  
 CERS6  
 CERS2  
 PBX3  
 ZHX2  
 TSHZ1  
 ZEB2  
 CERS4  
 PKNX1  
 ADNP  
 TGIF2  
 ADNP

Table S3	
Table S4	
Table S5	
Table S6	
Table S7	
Table S8	

Endometrium  
 Kidney  
 Fallopian Tube  
 Macular Retina  
 Morula  
 8 Cell Embryo  
 Oocyte  
 4 Cell Embryo  
 2 Cell Embryo  
 Zygote  
 Brain - Fetal  
 Brain - Cerebellum  
 Testis  
 Late Blastocyst  
 Embryonic Stem Cell  
 Ovary  
 Adrenal Gland  
 Adipose  
 Smooth Muscle  
 Gall Bladder  
 Bladder  
 Breast  
 Placenta  
 Skin  
 Colon  
 Prostate  
 Skeletal Muscle  
 Macular RPE/Choroid/Sclera  
 Thyroid  
 Brain - Whole  
 Brain - Cerebral Cortex  
 Brain - Amygdala  
 Brain - Substantia Nigra  
 Brain - Hippocampus  
 Brain - Corpus Callosum  
 Brain - Parietal Lobe  
 Salivary Gland  
 Oesophagus  
 Stomach  
 Liver  
 Duodenum  
 Small Intestine  
 Spleen  
 CD8+ T-Cells  
 CD4+ T-Cells  
 B-Cell  
 Tonsils  
 Lymph Node  
 Monocyte  
 Neutrophils  
 Bone Marrow  
 Whole Blood  
 Heart  
 Lung  
 CD34+ Cells  
 Pancreas  
 Thymus  
 Natural Killer  
 Appendix