

Human Terminal Differentiation Markers PCR Array
Adipocyte: ADIPOQ, FABP4, PPARG.
Chondrocyte: ACAN, COL10A1, COMP.
Endothelium:
<u>General:</u> CDH5, KDR, PECAM1.
<u>Arterial:</u> DLL4, EFNB2, NRP1.
<u>Lymphatic:</u> LYVE1, PROX1.
<u>Venous:</u> NR2F2, NRP2.
Epithelium:
<u>Keratinocyte:</u> KRT1, KRT10, KRT14.
<u>Melanocyte:</u> PMEL, TYR, TYRP1.
Bone:
<u>Osteoblast:</u> BGLAP, COL2A1, IBSP.
<u>Osteoclast:</u> CALCR, CTSK.
Liver:
<u>Cholangiocyte:</u> ITGB4, KRT19.
<u>Hepatocyte:</u> ALB, G6PC, TAT.
Bone Marrow:
<u>Early B cell Development:</u> CD79A.
<u>Early T Cell Development:</u> CD3E, PTCRA.
<u>Macrophage:</u> CCR5, CXCR4, EMR1.
<u>Monocyte:</u> ITGAM.
Nervous System:
<u>Glial Cell:</u> GALC, GFAP.
<u>Mature Neuron:</u> MAP2, NEFH, TUBB3.
<u>Cholinergic Neuron:</u> CHAT.
<u>Dopaminergic Neuron:</u> TH.
<u>GABA Neuron:</u> GAD1, SLC32A1.

<u>Glutamatergic Neuron</u> : SLC17A6, SLC17A7.
<u>Motor Neuron</u> : ISL1.
<u>Oligodendrocyte</u> : MBP.
Retina:
<u>Ganglion Cell</u> : POU4F2.
<u>Muller Cell</u> : RLBP1.
<u>Photoreceptor Cell</u> : PDE6B, RCVRN.
Kidney (Nephron):
<u>Podocyte</u> : NPHS2.
<u>Proximal Tubule Cell</u> : AQP1, CYP27B1, MIOX.
<u>Collecting Duct Cell</u> : AQP2.
<u>Distal Tubule Cell</u> : UMOD.
Lung : SFTPB, SFTPC, SFTPD.
Muscle:
<u>Cardiomyocyte</u> : MYH6, MYH7, NPPA.
<u>Skeletal Muscle Cell</u> : CAV3, MYH1, MYOD1.
<u>Smooth Muscle Cell</u> : MYH11, SMTN, TAGLN.
Pancreas:
<u>Alpha Cell</u> : GCG, MAFB, POU3F4.
<u>Beta Cell</u> : INS, MAFA, SLC2A2.
<u>Delta Cell</u> : SST.
<u>Epsilon Cell</u> : GHRL.
<u>PP Cell</u> : PPY.
<u>Exocrine Cell</u> : CPA1.