

### Additional file 13: Cell Types and Query Genes

Cell Type	Query Gene	Dataset(s) Analyzed
GABAergic Neurons	<i>GAD1</i>	Allen Brain Atlas
Noradrenergic Neurons	<i>SLC2A2</i>	Allen Brain Atlas
Serotonergic Neurons	<i>SLC2A4</i>	Allen Brain Atlas
NG2 Glia	<i>PDGFRA</i>	Allen Brain Atlas
Neurons	<i>L1CAM</i>	Allen Brain Atlas
Astrocytes	<i>ALDH1L1</i>	Allen Brain Atlas
Oligodendrocytes (Myelinating)	<i>MOG</i>	Allen Brain Atlas
Microglia	<i>PTPRC</i>	Allen Brain Atlas
Adipocytes	<i>FABP4</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
B Cells	<i>CD19</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Cardiomyocytes	<i>TNNI3</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Chondrocytes	<i>ACAN</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Endothelial Cells	<i>TEK</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Erythrocytes	<i>EPB42</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Macrophages	<i>CD163</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
NK Cells	<i>NCR1</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Osteoblasts	<i>IBSP</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Platelets	<i>PF4</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Pluripotent Stem Cells	<i>NANOG</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Schwann Cells (Myelinating)	<i>MPZ</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Simple Epithelial Cells	<i>KRT8</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Skeletal Muscle Cells	<i>TNNT3</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Smooth Muscle Cells	<i>MYH11</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)

		et al. (2010)
Stratified Epithelial Cells	<i>KRT5</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
T Cells	<i>CD3D</i>	Engreitz, et al. (2010), Lukk, et al. (2010), Zheng-Bradley, et al. (2010)
Enterocytes	<i>ALPI</i>	Intestine-specific subset of Engreitz, et al. (2010) and Lukk, et al. (2010)
Enteroendocrine Cells	<i>CHGA</i>	Intestine-specific subset of Engreitz, et al. (2010) and Lukk, et al. (2010)
Goblet Cells	<i>MUC2</i>	Intestine-specific subset of Engreitz, et al. (2010) and Lukk, et al. (2010)
Paneth Cells	<i>DEFA5</i>	Intestine-specific subset of Engreitz, et al. (2010) and Lukk, et al. (2010)
Podocytes	<i>PTPRO</i>	Kidney microarray data from Ju, et al. (2013)