

Supplementary table 1. Mouse strain information and expected expression patterns.

Mouse strain	Commercial strain name - if applicable	Stock number - if applicable	Full gene name (source organism)	Expected expression pattern - cell types or tissues	References
<i>UBC</i> ^{eGFP}	C57BL/6-Tg(UBC-GFP)30Scha/J	004353	Ubiquitin C (human)	All nucleated cells	30
<i>ACTB</i> ^{eGFP}	C57BL/6-Tg(CAG-EGFP)131Osb/LeySopJ	006567	Actin, beta (chicken)	All nucleated cells	31
<i>Itgax</i> ^{eYFP}	B6.Cg-Tg(Itgax-Venus)1Mnz/J	008829	Integrin alpha X (mouse)	Dendritic cells	32
<i>Aire</i> ^{eGFP}	n.a.	n.a.	Autoimmune regulator (mouse)	Medullary thymic epithelial cells and rare extrathymic, Aire-expressing bone-marrow-derived cells	36
<i>Cdh1</i> ^{CFP}	B6.129P2(Cg)- <i>Cdh1</i> ^{tm1Cle/J}	016933	Cadherin 1 (mouse)	Many epithelial cell types, including medullary thymic epithelial cells	35
<i>Chat</i> ^{eGFP}	B6.Cg-Tg(RP23-268L19-EGFP)2Mik/J	007902	Choline acetyltransferase (mouse)	Central and peripheral cholinergic neurons and medullary thymic epithelial cells	33, 34
<i>Pcp2</i> ^{eGFP}	STOCK Tg(Pcp2-EGFP)BT153Gsat/Mmmh	000247-MU	Purkinje cell protein 2 (L7) (mouse)	Cerebellar Purkinje neurons	25
<i>Myh11</i> ^{eGFP}	B6.Cg-Tg(Myh11-cre,-EGFP)2Mik/J (<i>Myh11</i> ^{eGFP})	007742	Myosin, heavy polypeptide 11, smooth muscle (mouse)	Vascular and nonvascular smooth muscle, and some medullary thymic epithelial cells	24, 52
<i>Ins2</i> ^{eGFP}	n.a.	n.a.	Insulin II (mouse)	Pancreatic beta cells and some medullary thymic epithelial cells	19, 22
<i>CD207</i> ^{eYFP} _P	<i>CD207</i> ^{Cre} x B6.129X1-Gt(ROSA)26Sortm1(EYFP)Cos/J	n.a. 006148	CD207 molecule, langerin (human)	Epidermal Langerhans cells and some thymic dendritic cells	23
<i>Zfp423</i> ^{eGF} _P	B6;FVB-Tg(Zfp423-EGFP)7Brsp/J	019381	Zinc finger protein 423 (mouse)	Preadipocytes, and some medullary thymic epithelial cells	24, 51
<i>Foxp3</i> ^{eGFP}	n.a.	n.a.	Forkhead box P3 (mouse)	Regulatory T cells in the thymus and secondary lymphoid organs	53
<i>Foxd1</i> ^{eGFP}	B6;129S4- <i>Foxd1</i> ^{tm1(GFP/cre)Amc/J}	012463	Forkhead box D1 (mouse)	Stroma of developing kidneys and eyes	20, 21
<i>Ins1</i> ^{eGFP}	B6.Cg-Tg(Ins1-EGFP)1Hara/J	006864	Insulin I (mouse)	Pancreatic beta cells	18

n.a. = not applicable