



a

С

d



b

a

Mesoderm



Hair follicle-like squamous epithelial whorl



Primitive neuro-epithelial rosette



Cartilage



Immature striated muscle fibers



Glandular duct with Goblet Cells



Ciliated ductal epithelium









a

Available Clones per Gene





a















a DAPI

> mCherry<sup>+</sup> ES cell derived tissue

IB4<sup>+</sup> mCherry<sup>+</sup> Mosaic blood vessel

IB4<sup>+</sup> Endogenous endothelial cell



b VE-Cadherin<sup>+</sup> Myst3 chimaeric EBs (endothelial cells) Sense (GFP):Antisense (mCherry-Cre) 1:1 VE-Cadherin nCherry (antisense) Endothelial cells Non-endothelial cells 7.25% 7.82% 8.77% GFP (sense)

mCherry-Cre



13.7%

2.17%



d

С



GFP



**GFP mCherry DAPI** 





