

<b>Gene symbol</b>	<b>Number of common tissues</b>	<b>Name of tissues</b>
<i>Cd63</i>	5	fat, kidney, limb_muscle, lung, trachea
<i>Gsn</i>	5	fat, heart, kidney, limb_muscle, trachea
<i>Mt1</i>	5	diaphragm, fat, kidney, limb_muscle, trachea
<i>Myl9</i>	5	brain, diaphragm, fat, limb_muscle, trachea
<i>Rgs5</i>	5	aorta, brain, diaphragm, limb_muscle, trachea
<i>Acta2</i>	4	diaphragm, fat, limb_muscle, trachea
<i>Art3</i>	4	brain, diaphragm, kidney, mammary_gland
<i>Bgn</i>	4	brain, kidney, limb_muscle, trachea
<i>Cd44</i>	4	diaphragm, kidney, limb_muscle, mammary_gland
<i>Ndr2</i>	4	aorta, diaphragm, limb_muscle, trachea
<i>Notch2</i>	4	aorta, diaphragm, kidney, limb_muscle
<i>Pex7</i>	4	aorta, kidney, limb_muscle, lung
<i>Stip1</i>	4	aorta, fat, kidney, mammary_gland

**Supplementary Table 1: Identification of marker genes in Runx1<sup>+</sup> adult endothelial populations**