

## Supplementary Data

SUPPLEMENTARY TABLE S1. GENE NAMES AND ASSAY IDs FOR ALL GENES USED IN MICROFLUIDIC SINGLE-CELL EXPRESSION ANALYSIS

<i>Gene name</i>	<i>Assay ID</i>	<i>Gene name</i>	<i>Assay ID</i>
<i>Acta2</i>	Mm01546133_m1	<i>Igfbp2</i>	Mm00492632_m1
<i>Actb</i>	Mm01205647_g1	<i>Itgam</i>	Mm00434464_m1
<i>Adam10</i>	Mm00545742_m1	<i>Itgav</i>	Mm00434506_m1
<i>Alcam</i>	Mm00711623_m1	<i>Itgb1</i>	Mm01253230_m1
<i>Ang</i>	Mm00833184_s1	<i>Jag1</i>	Mm00496902_m1
<i>Angpt1</i>	Mm00456503_m1	<i>Kdr</i>	Mm01222431_m1
<i>Angpt2</i>	Mm00545822_m1	<i>Kit</i>	Mm00445212_m1
<i>Angptl4</i>	Mm00480431_m1	<i>Klf4</i>	Mm00516104_m1
<i>Atxn1</i>	Mm00726565_s1	<i>Lepr</i>	Mm00440181_m1
<i>B2m</i>	Mm00437764_m1	<i>Mmp3</i>	Mm00440295_m1
<i>Bmp2</i>	Mm01340178_m1	<i>Mmp9</i>	Mm00442991_m1
<i>Ccl2</i>	Mm00441242_m1	<i>Myc</i>	Mm00487803_m1
<i>Ccl3</i>	Mm00441259_g1	<i>Nanog</i>	Mm02019550_s1
<i>Ccnd1</i>	Mm00432359_m1	<i>Nes</i>	Mm00450205_m1
<i>Cd248</i>	Mm00547485_s1	<i>Nfkb1</i>	Mm00476361_m1
<i>Cd34</i>	Mm00519283_m1	<i>Ngfr</i>	Mm00446296_m1
<i>Cd4</i>	Mm00442754_m1	<i>Nos2</i>	Mm00440502_m1
<i>Cd44</i>	Mm01277163_m1	<i>Nos3</i>	Mm00435217_m1
<i>Cd47</i>	Mm00495005_m1	<i>Notch1</i>	Mm00435249_m1
<i>Cd8a</i>	Mm01182108_m1	<i>Notch2</i>	Mm00803077_m1
<i>Cd93</i>	Mm00440239_g1	<i>Nt5e</i>	Mm00501910_m1
<i>Cdh5</i>	Mm00486938_m1	<i>Pcna</i>	Mm00448100_g1
<i>Colla2</i>	Mm01165187_m1	<i>Pdgfa</i>	Mm01205760_m1
<i>Col3a1</i>	Mm01254473_m1	<i>Pdgfra</i>	Mm00440701_m1
<i>Csf1</i>	Mm00432686_m1	<i>Pdgfrb</i>	Mm00435546_m1
<i>Ctnnb1</i>	Mm00517812_m1	<i>Pecam1</i>	Mm01242584_m1
<i>Cxcl12</i>	Mm00445552_m1	<i>Pgf</i>	Mm01302896_m1
<i>Cxcl16</i>	Mm00469712_m1	<i>Pou5f1</i>	Mm00658129_gH
<i>Edn1</i>	Mm00439656_m1	<i>Ptn</i>	Mm01132688_m1
<i>Efnb2</i>	Mm01215897_m1	<i>Ptprc</i>	Mm01292575_m1
<i>Egfr</i>	Mm00433023_m1	<i>Sele</i>	Mm00441278_m1
<i>Emr1</i>	Mm00802529_m1	<i>Selplg</i>	Mm01204601_m1
<i>Eng</i>	Mm00468256_m1	<i>Sod2</i>	Mm01313000_m1
<i>Ephb4</i>	Mm01201157_m1	<i>Sod3</i>	Mm01213380_s1
<i>Fcgr1a</i>	Mm00438874_m1	<i>Sox2</i>	Mm00488369_s1
<i>Fgf1</i>	Mm00438906_m1	<i>Tek</i>	Mm01256898_m1
<i>Fgf2</i>	Mm00433287_m1	<i>Tgfa</i>	Mm00446232_m1
<i>Fgf4</i>	Mm00438917_m1	<i>Tgfb1</i>	Mm00441726_m1
<i>Fgf7</i>	Mm00433291_m1	<i>Tgfb2</i>	Mm00436955_m1
<i>Fgf9</i>	Mm00442795_m1	<i>Tgfr1</i>	Mm00436964_m1
<i>Fgfr2</i>	Mm01269930_m1	<i>Thy1</i>	Mm00493681_m1
<i>Flt1</i>	Mm00438980_m1	<i>Tie1</i>	Mm00441786_m1
<i>Flt3</i>	Mm00438996_m1	<i>Timp1</i>	Mm00441818_m1
<i>Sox9</i>	Mm00448840_m1	<i>Timp2</i>	Mm00441825_m1
<i>Hgf</i>	Mm01135193_m1	<i>Timp3</i>	Mm00441826_m1
<i>Hif1a</i>	Mm01283760_m1	<i>Tnf</i>	Mm00443258_m1
<i>Igfl</i>	Mm00439560_m1	<i>Vcam1</i>	Mm01320970_m1
<i>Igflr</i>	Mm00802831_m1	<i>Vegfa</i>	Mm01281447_m1

Genes chosen were related to stemness or neovascularization or were cell cycle, surface, or control markers.