

Supplementary Table 1. List of primers used in this study

Gene	Marker	Forward Primer (5'-3')	Reverse Primer (5'-3')
<i>YAP1</i>	Hippo Pathway	<i>ATCCCAGCACAGCAAATTCT</i>	<i>TGGATTTTGAGTCCCACCAT</i>
<i>CTGF</i>	Downstream of YAP	<i>CCTGCAGGCTAGAGAAGCA</i>	<i>GATGCACTTTTTGCCCTTCT</i>
<i>CYR61</i>	Downstream of YAP	<i>AAACCCGGATTTGTGAGGT</i>	<i>GCTGCATTTCTTGCCCTTT</i>
<i>FGF1</i>	Downstream of YAP	<i>ACCAAGTGGATTCTGCTTCC</i>	<i>TGTGGCGCTTTCAAGACTAA</i>
<i>cMyc</i>	Downstream of YAP	<i>CCTCCCTCCACTCGGAAG</i>	<i>TCTGACACTGTCCAAC TTGACC</i>
<i>Cyclin D1</i>	Downstream of YAP	<i>GCTGTGCATCTACACCGACA</i>	<i>TTGAGCTTGTTTACCAGGAG</i>
<i>AFP</i>	Endoderm	<i>GCTGGAACGTGGTCAATGTA</i>	<i>CTGAGACAGCAAGCTGAGGA</i>
<i>DNMT3B</i>	Endoderm	<i>CAGAGCAGCAGTACCCCTA</i>	<i>CCAGGAGAAGCCCTTGATCT</i>
<i>NKX2.5</i>	Mesodrem	<i>GGTGGAGCTGGAGAAGACAG</i>	<i>AGATCTTGACCTGCGTGGAC</i>
<i>HAND1</i>	Mesodrem	<i>AAGGCTCAGGACCAAGAAG</i>	<i>GTCCATCAGGTAGGCGATGT</i>
<i>TBX6</i>	Mesodrem	<i>AGGCCCCGCTACTTGT TTTCTT</i>	<i>GTGAGCTTGACACGATGGAA</i>
<i>MAP2</i>	Ectoderm	<i>GGAGAGAAAAGGGACCTCCA</i>	<i>TATCGGAAGCCAGAGGAGAA</i>
<i>NeuN</i>	Ectoderm	<i>CAACGGCTGGAAGCTAAATC</i>	<i>CGCAGCCCGAAATGTATTAT</i>
<i>ETV2</i>	Endothelial	<i>CCGACGGCGATACCTACTG</i>	<i>CGGTGGTTAGTTTTGGGGCAT</i>
<i>FLK-1</i>	Endothelial	<i>TTCTGGACTCTCTCTGCCTACC</i>	<i>AGAACCATACCACTGTCCGTCT</i>
<i>SOX17</i>	Endothelial	<i>GTGGACCGCACGGAATTTG</i>	<i>GAGGCCCATCTCAGGCTTG</i>
<i>MYB</i>	HSPC	<i>GCCACTTCCCTAACCGCAC</i>	<i>CCCTTGACAAGGTCTGGATTCA</i>
<i>RUNX1c</i>	HSPC	<i>GAAGTCTGAACCCAGCATAGT GGTGAGCAG</i>	<i>GTGGACGTCTCTAGAAGGATTCA TTCCAAG</i>
<i>SCL/TAL1</i>	HSPC	<i>CAGCCTAGTGGCTTGTCTCTC</i>	<i>GGAGCCTGAAATTGAATGGA</i>
<i>PU.1</i>	HSPC	<i>CACAGCGAGTTTCGAGAGCTT</i>	<i>GATGGGTACTGGAGGCACAT</i>
<i>GATA2</i>	HSPC	<i>TAGGGGAGGGAACGGTCT</i>	<i>AGGAGCTGGGGGTAGAGT G</i>
<i>GAPDH</i>	Housekeeping Genes	<i>GAAGGTGAAGGTCGGAGTCA</i>	<i>GGGGTCATTGATGGCAACAATA</i>

Supplementary Table 2. List of antibodies for flow-cytometry.

Antibody Target	Antibody Name/ catalog #/ lot number	Supplier
PI-PE	51-66211E	BD Pharmingen™
Annexin V-FITC	51-65874X	BD Pharmingen™
CD34-FITC	#560942	BioLegend
CD43-PE/Cyanine 7	#343506	BioLegend
CD45-PerCP Cyanine 5.5	#347464	BD bioscience
CD235a-APC/Cyanine 7	#349116	BioLegend
CD71-APC	#561940	BioLegend

Supplementary Table 3. List of antibodies and dilutions for western blot.

Antibody Target	Antibody Name/ catalog #/ lot number	Supplier	Type of Antibody/concentration of antibody as reported by manufacturer
YAP	1A12 (#12395)	Cell Signaling Technology	Mouse/1:1000
Phospho-YAP	Ser127 (#4911)	Cell Signaling Technology	Rabbit/1:1000
Goat anti-Mouse HRP	AP124P	Millipore	Goat/1:5,000
Goat anti-Rabbit HRP	DC03L	Millipore	Goat/1:5,000
β-Actin	A3854	Sigma	1:10,000