

**Table S1. Primers and antibodies used in the study**

<b>Primers</b>		
<b>Forward (5'-3')</b>	<b>Reverse (5'-3')</b>	<b>Locus/transcript/remarks</b>
<b>Targeting construct and genotyping</b>		
CGCGGCTTAATTAATTAGCTGAGCCAGAGCTTTTC	TAAAGGTCTCAGCGGCTTCAGCAGGCCAGCTCACTC	Cloning 5' arm of homology for <i>Erg</i> <sup>ΔEx3</sup> targeting construct
GGCCCGTCTCACTTCCTTGGAACTCTGTGTGGTGC	GAATTCCTCGAGCATCCCACGGGAGACTGGGG	Cloning 3' arm of homology for <i>Erg</i> <sup>ΔEx43</sup> targeting construct
CATGCACACTTGTGCAGCAAGC	AGTGAGACCAGCTTAACTCCATGC	5' Southern probe for <i>Erg</i> <sup>ΔEx43</sup> targeting
CCAGGCATCCAGAATCAAGG	TTTTCTCCATACTGGGGCCA	3' Southern probe for <i>Erg</i> <sup>ΔEx3</sup> targeting
TTGTTCCACGGAGAATCCGA	TCATCGG TCAGACGATTCATTGGCA	WT PCR genotyping for <i>Erg</i> <sup>ΔEx3</sup> mice
ATGGCGCGCCTCAGTATCTGTTTTTCATTCT	GCGTCTCAGCGCAAGTTTATTGATCGTTA	Cloning 5' arm of homology for <i>Erg</i> <sup>ΔEx4</sup> targeting construct
ACGTCTCTTCTTGTGCAGGTTGGAGAAGC	CCCCTCGAGTTGAGACATGAACTCGCCAT	Cloning 3' arm of homology for <i>Erg</i> <sup>ΔEx4</sup> targeting construct
TTGCCCAGCAGGATAAAAC	ACACCTGCAAGACCTGGAAC	5' Southern probe for <i>Erg</i> <sup>ΔEx4</sup> targeting
CTGGGAGGTCTGTGTGTTT	AGAGGGAGGAAGGAAAAGCAG	3' Southern probe for <i>Erg</i> <sup>ΔEx4</sup> targeting
ATGATGGCCATTAAGGCTTG	GCATAGGTGCTTGTGCATTC	WT PCR genotyping for <i>Erg</i> <sup>ΔEx4</sup> mice
TTGTTCCACGGAGAATCCGA	TCATCGGTCAGACGATTCATTGGCA	Targeted PCR genotyping for <i>Erg</i> <sup>ΔEx3</sup> and <i>Erg</i> <sup>ΔEx4</sup> mice
<b>RT-PCR</b>		
TGAAGGCCATGATCCAGACTGT	TCACTGGAAGAGGATGCGGTCAT	<i>Erg</i> isoform 1-4
CTTGATTGCATTATGGCCAGCACTA	TAGCCAGGTGTGGCGTTCCCGTA	<i>Erg</i> isoforms 5-7
GCTAGAGCGGCTTCTGAGAAA	TCCACCACAGGGTCTACCAC	<i>ErbB2</i>
GTGCTATGGACCCTACGTTAGT	TCATGAAGTTCATGCAGGCAA	<i>ErbB4</i>
CGGCGAAAAGCAGAGTAAACC	CTCGTCGTCGATGGCATCTT	<i>Fog2</i>
TCAACCGGCCCTCATTAAG	GTGGTGGTAGTCTGGCAGT	<i>Gata4</i>
CATCACCATCACCCGACCTAC	GGCCCTGTAAGCTGTGGAG	<i>Gata6</i>
GATGTCGCCCCTAAAACAGAC	CAGCCATAGAAAGTGTTTCAGGT	<i>MMP2</i>
GCACAAGACCAACCGCAAG	CGCTCGGCAATAGACAGGT	<i>Msx1</i>
TTCCATTCTGGCTTGTCTAGT	TCCACAAATACCCACTTTAGGC	<i>Neuregulin</i>
GTGGCCCCCTACAAATCATTCTC	TGCTTTCCGTAAACTGTCCAG	<i>NF1</i>
GGAGAGTCCGAGAACTCGAGAT	TTGCAGCTAGGAAGTACGTCT	<i>NFatC1</i>
GGTCTCAATGCCTATGGCTAC	GCCAAAGTTCACGAAGTTGCT	<i>Nkx2-5</i>
AGCCTCTCCACCAATACCTT	GGCTGGAGCTGTAAGTTCTG	<i>Notch1</i>
AGAGGACGGGACTACACCTT	CCTTTTATCCCTGGCTCCTA	<i>Notch4</i>
ATGACCTGTATGTTGGGAAAACG	GGTTCACACACTGATGGTTATC	<i>Smurf1</i>
CACACGCTGCCTTGTGTCT	GGTCAGCAAAGCAGCGTT	<i>Snail1</i>
TGGTCAAGAAACATTTCAACGCC	GGTGAGGATCTCTGGTTTTGGTA	<i>Snail2</i>
ACATCGTGCAGCCAATGA	AGGTCTGTATGGGAGCTTCA	<i>TBX2</i>
AAACCCCTGGAACAATTTGTGG	GTGGTGGGTATCAGTGGCTC	<i>TBX20</i>
AGCTGGTGAAACGGAAGCG	GCGAGCCTTAGTTTGGACAGG	<i>TGFb1</i>
<b>ChIP</b>		
AAAGGTTGGACAGGCAGAAG	CTGTCAATGAACGGTCACCT	-650 Snail promoter
AGCGAACTGGACACACACAC	CAAGGACAGTTTTGGCACAG	+157 Slug promoter
<b>Antibodies</b>		
<b>Antibody</b>	<b>Clone</b>	<b>Dilution/application</b>
<b>Primary</b>		
CD31 (Pecam)	390 (BD Biosciences)	1:50/Immunofluorescence
Snail1 + Snail2 (Snail + Slug)	ab85931 (Abcam)	1:500/Immunofluorescence
CD144 (VE-cadherin)	11D4.1 (BD Biosciences)	1:50/Immunofluorescence
α-smooth muscle actin	1A4 (Sigma Aldrich)	1:200/Immunofluorescence
ERG	C-17; SC-354 (Santa Cruz)	1:200/ChIP
<b>Secondary</b>		
Alexa Fluor 488	Invitrogen	1:400
Alexa Fluor 594	Invitrogen	1:400