

**FILE S1. SUPPLEMENTAL DATA**

**Table S1**

Gene	Acc. No.	Sequence F (5' → 3')	Sequence R (5' → 3')	Ref.
18SRNA	NR_003286	TAACCCGTTGAACCCATT	CCATCCAATCGGTAGTAGC	[S1]
			G	
Beta-Actin	NM_001101	CGCCGCCAGCTCACCATG	CACGATGGAGGGGAAGACG	TS
			G	
CD90	NM_006288	AGAGACTTGGATGAGGAG	CTGAGAATGCTGGAGATG	TS
CD29	NM_002211	GCCTTGGTGTCTGTGCTGAG	AGTCGTCAACATCCTTCTCC	TS
			TTAC	
CD44	NM_000610	CTCATACCAGCCATCCAATG	GAGTCCATATCCATCCTTCT	TS
			TC	
CD105	NM_0011147	CTTCCTCCTCCACTTCTAC	GGACTTCCTGGTCTTGAG	TS
	53			
CD166	NM_001627	GAAGGAGGAGGAATATGGA	GTCAAGTCGGCAAGGTATG	TS
		ATC		
CD54	NM_000201	GCTCAAGTGTCTAAAGGATG	TATGACTGCGGCTGCTAC	TS
		G		
CD106	NM_001078	GACCACATCTACGCTGAC	GCAACTGAACACTTGACTG	TS
THBS	NM_003246	ACCAACCGCATTCCAGAGTC	CCGCACAGCATCCACCAG	TS
VEGF	NM_0011716	GTGAGGCGGCGGTGTG	GCAAGGCAAGGCTCCAATG	TS
	30			
FAP	NM_004460	TATTCAGAGTAACACAGGAT	ACTTCTTGCTTGGAGGATAG	TS
		TCA		
FSP1	NM_019554	CTTCTTCTTCTTGGTTTGGT	AGCAGTCAGGATCAACAC	TS
ACTA2	NM_0011419	TTGGCTTGGCTTGTGAGG	GCTTTAGGGTCGCTGGAG	TS
	45			
TGFB1	NM_000660	GCAACAATTCCTGGCGATAC	CTCCACGGCTCAACCACTG	TS
		C		
IGF1	NM_0011112	TCTGAATCTTGGCTGCTGGAG	GGTGTGCTTCTTGACGACTT	TS
	84		G	
IGF2	NM_000612	CGCTGCTACCGCCATCTC	GTCCCTCTGACTGCTCTGTG	TS
HGF	NM_0010109	AAGGTCAAGGAGAAGGCTAC	TGCTCGTGAGGATACTGAG	TS
	32	AG	AATC	

CTGF	NM_001901	AGACCTGTGCCTGCCATTAC	TGTGAATCAGTTCAAGTTCC AGTC	TS
ABCG2	NM_004827	TATAGCTCAGATCATTGTCAC AGTC	GTTGGTCGTCAGGAAGAAG AG	TS
ABCC1	NM_004996	GCCAAGAAGGAGGAGACC	AGGAAGATGCTGAGGAAGG	TS
ABCB1	NM_000927	TGCTCAGACAGGATGTGAGT TG	AATTACAGCAAGCCTGGAA CC	TS
EpCAM	NM_002354. 1	GAATAATAATCGTCAATGCC AGTG	CGCTCTCATCGCAGTCAG	TS
VIM	NM_003380. 3	AACTTCTCAGCATCACGATG AC	TTGTAGGAGTGTGCGTTGTT AAG	TS
CD133	NM_006017	CATCTGCTCTCTGCTGAC	AACTTAATCCAACTCCAAC C	TS
OCT4	NM_0011595 42.1	AGCAAAACCCGGAGGAGT	CCACATCGGCCTGTGTATAT C	[S2]
SOX2	NM_003106. 3	TATTTGAATCAGTCTGCCGAG	ATGTACCTGTTATAAGGAT GATATTAGT	[S2]
NANOG	NM_024865. 2	ATGCCTCACACGGAGACTGT	AGGGCTGTCCTGAATAAGC A	[S2]
CDH1	NM_004360. 3	GGAACTATGAAAAGTGGGCT TG	AAATTGCCAGGCTCAATGA C	[S2]
CDH2	NM_001792. 3	GACGGTTCGCCATCCAGAC	TCGATTGGTTTGACCACGG	[S3]
SNAI1	NM_005985. 3	CTTCGGCTCCAGGAGAGTC	TTCCCACTGTCCTCATCTGA C	[S2]
SNAI2	NM_003068. 4	TGGTTGCTTCAAGGACACAT	GTTGCAGTGAGGGCAAGAA	[S2]

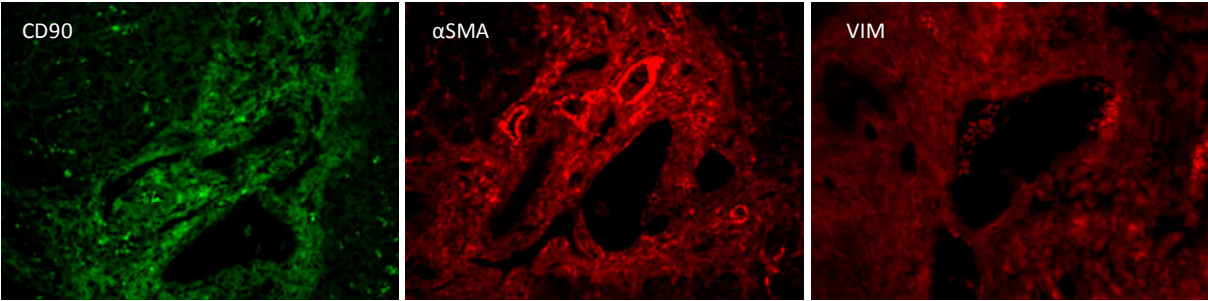
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**Table S2**

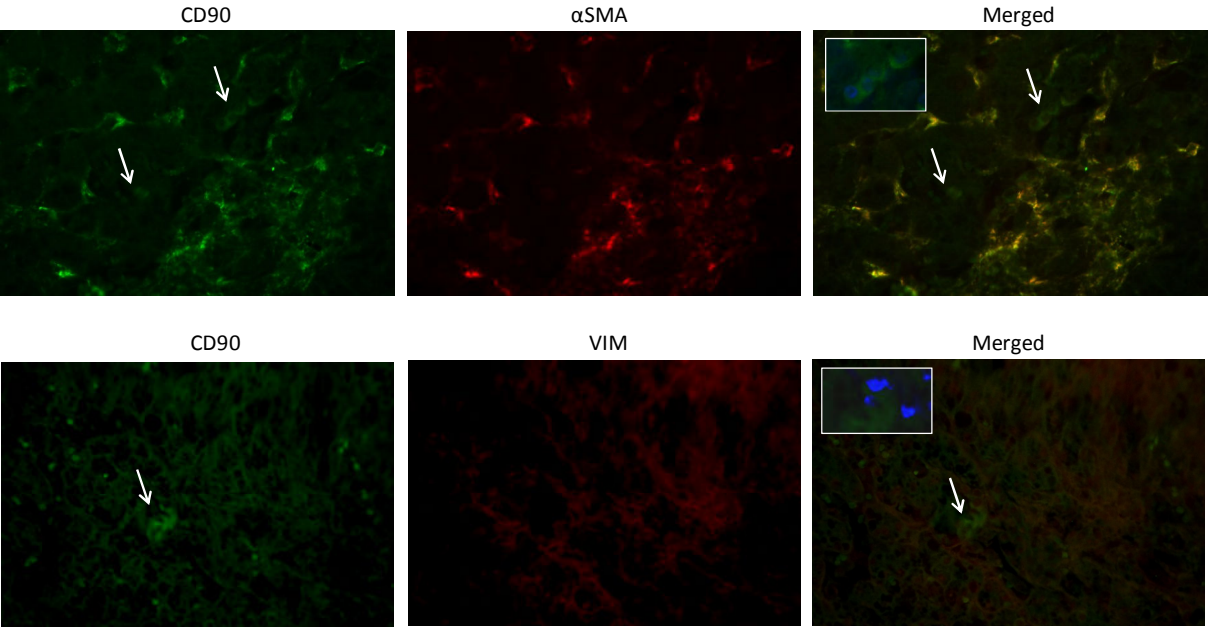
Antibody	Clone	MW kDa
CD90/Thy-1	5E10 (Stem Cell Technologies, VA, Canada)	25 – 35
ABCG2/BCRP	BXP53 (Abcam, Cambridge, MA, USA)	72
ABCB1/MDR1	C219 (Abcam, Cambridge, MA, USA)	170 – 190
ACBC1/MRP1	A23 (Enzo Life Sciences, Lausanne, Switzerland)	140
CD133/Prominin 1	AC133 (Miltenyi Biotec GmbH, Bergisch Gladbach, Germany)	117
CD44	F10-44-2 (Abcam, Cambridge, MA, USA)	100-250
$\alpha$ smooth muscle actin	1A4 (Dako, Glostrup, Denmark)	42
Vimentin	VI-RE/1 (Abcam, Cambridge, MA, USA)	57
actin	A2066 (Sigma, St. Louis, MO, USA)	42
ATP1A1	464.6 (Abcam, Cambridge, MA, USA)	112
Anti rabbit IgG peroxidase	P0448 (Dako, Glostrup, Denmark)	
Anti rat IgG peroxidase	P0450 (Dako, Glostrup, Denmark)	
Anti mouse IgG peroxidase	P0260 (Dako, Glostrup, Denmark)	
Anti mouse IgG FITC	715-096-150 (Jackson ImmunoResearch Lab., West Grove, PA, USA)	

**Figure S1**

**A**

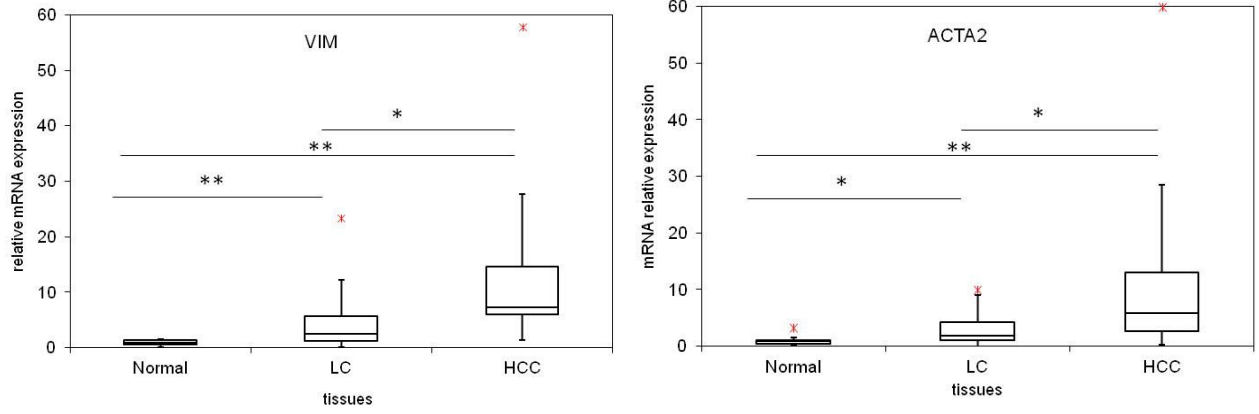


**B**

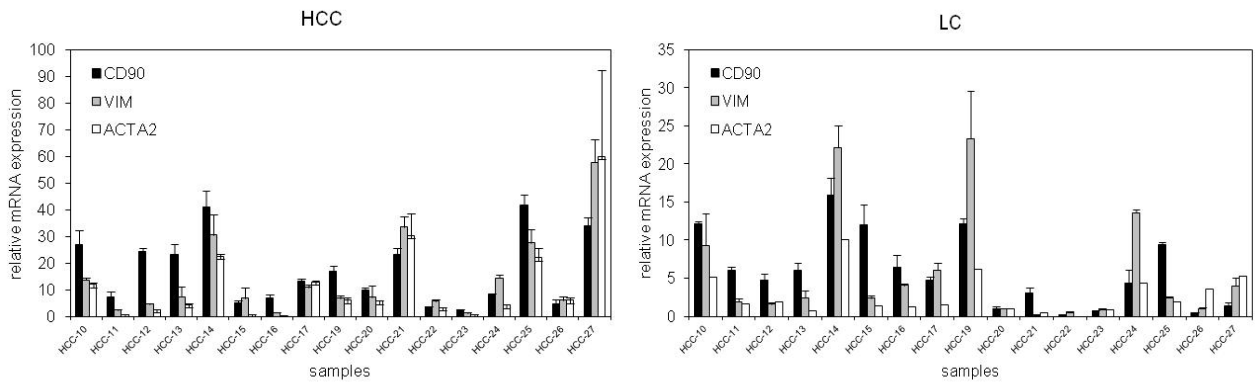


**Figure S2**

**A**



**B**



**Figure S3**

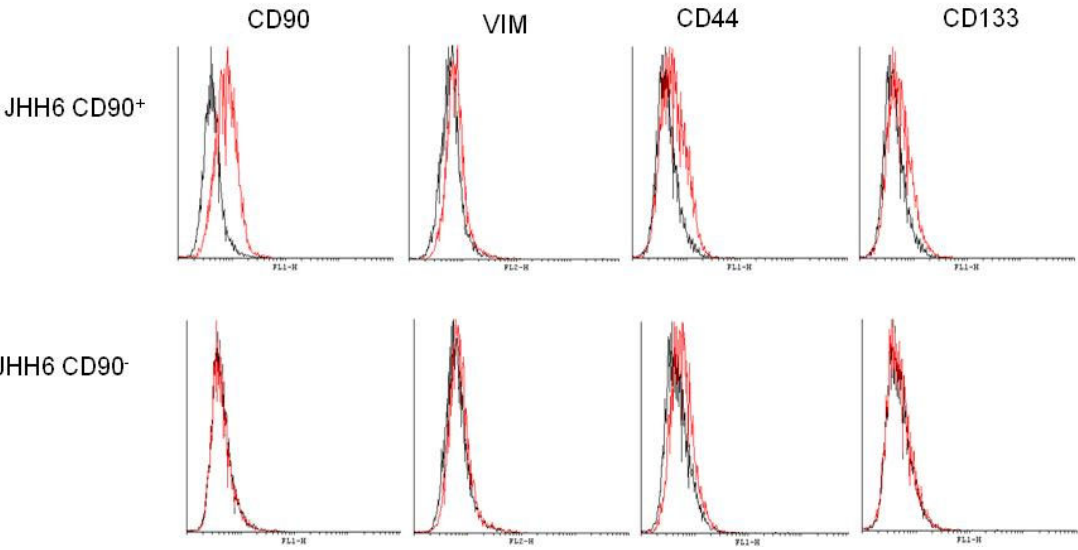


Figure S4

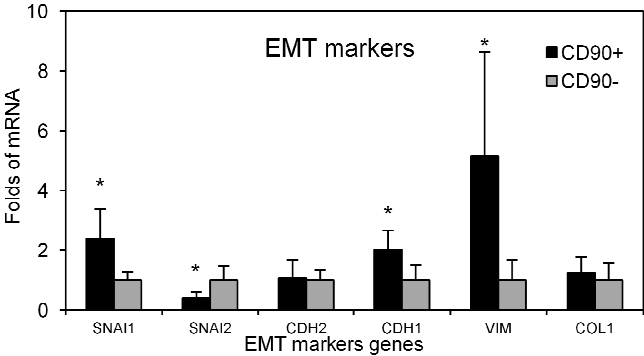
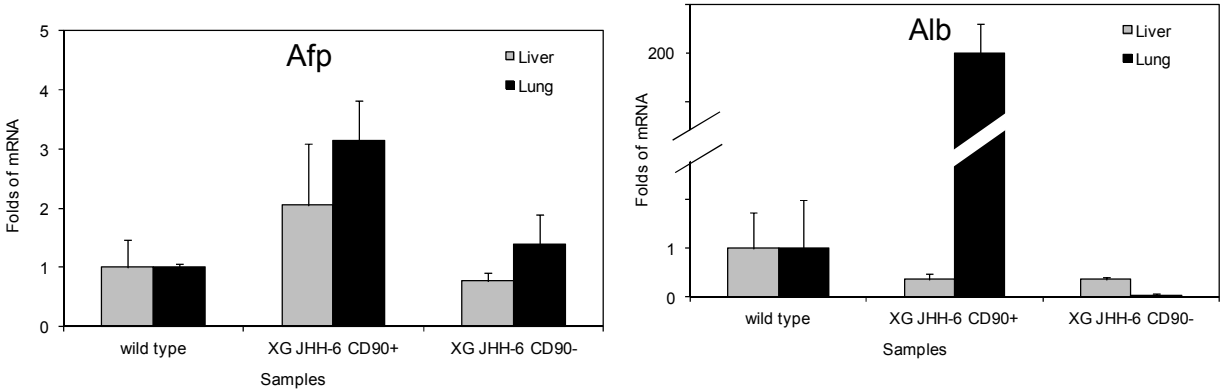


Figure S5





### Reference List of File S1

- S1. Schmittgen TD, Zakrajsek BA (2000) Effect of experimental treatment on housekeeping gene expression: validation by real-time, quantitative RT-PCR. *J Biochem Biophys Methods* 46: 69-81.
- S2. Lin CW, Liao MY, Lin WW, Wang YP, Lu TY, et al. (2012) Epithelial Cell Adhesion Molecule Regulates Tumor Initiation and Tumorigenesis via Activating Reprogramming Factors and Epithelial-Mesenchymal Transition Gene Expression in Colon Cancer. *J Biol Chem* 287: 39449-39459.
- S3. Kroepil F, Fluegen G, Totikov Z, Baldus SE, Vay C, et al. (2012) Down-regulation of CDH1 is associated with expression of SNAI1 in colorectal adenomas. *PLoS One* 7: e46665