

Supplementary Table 2: Expression fold-change of EMT-associated genes and microRNAs between the four compartments liver (L), liver invasion front (LIF), tumor invasion front (TIF) and tumor center (Tc). All samples were normalized to 18s expression and fold change expression was calculated according to the $2^{-\Delta\Delta Ct}$ method as described previously (15). P-Values (P) were assessed by using the Wilcoxon signed-rank test. (LIF vs. L: expression fold-change of target gene in liver invasion front compared to liver. LIF vs TIF: expression fold-change of target gene in liver invasion front compared to tumor invasion front. LIF vs Tc: expression fold-change of target gene in liver invasion front compared to tumor center. TIF vs L: expression fold-change of target gene in tumor invasion front compared to liver. TIF vs Tc: expression fold-change of target gene in tumor invasion front compared to tumor center. L vs Tc: expression fold-change of target gene in liver compared to tumor center).

Gene	LIF Vs L	p- Value	LIF vs TIF	p- Value	LIF vs Tc	p- Value	TIF vs L	p- Value	TIF vs Tc	p- Value	L vs Tc	p-value
CDH11	17.3	0.001	0.82	0.41	0.76	0.32	21.0	0.001	0.92	0.63	0.05	0.001
COL1A1	14.4	0.001	1.03	0.81	1.02	0.65	14.0	0.001	0.98	0.72	14.1	0.001
COL3A1	26.3	0.001	2.3	0.01	3.3	0.001	11.5	0.001	1.5	0.11	7.9	0.001
VIM	6.1	0.001	1.48	0.02	1.8	0.006	4.14	0.001	1.2	0.38	3.4	0.001
MMP3	2.3	0.03	0.36	0.001	0.6	0.26	6.2	0.001	1.8	0.04	3.4	0.01
HIF1α	6.5	0.001	0.8	0.07	1.9	0.001	8.1	0.001	1.3	0.001	3.4	0.001
ZEB1	4.3	0.001	2.6	0.001	4.0	0.001	1.7	0.01	1.5	0.04	1.0	0.88
ZEB2	1.8	0.05	2.3	0.005	3.4	0.001	0.8	0.6	1.5	0.04	0.5	0.6
FSP1	8.0	0.001	0.6	0.005	0.5	0.01	13.8	0.001	0.9	0.6	15.8	0.001
miR-141	3.6	0.01	0.02	0.001	0.02	0.001	149.6	0.001	1.02	1.0	146.5	0.001
miR-200a	1.0	0.7	0.04	0.001	0.04	0.001	24.8	0.001	1.0	0.7	24.9	0.001
miR-200b	0.9	0.87	0.08	0.001	0.07	0.001	10.9	0.001	0.9	0.93	12.0	0.001
miR-200c	3.9	0.001	0.02	0.001	0.02	0.001	148.6	0.001	1.02	0.78	145.6	0.001

