

Supplementary Materials: A Comprehensive MicroRNA Expression Profile of Liver- and Lung-Metastases of Colorectal Cancer with Their Corresponding Host Tissue and Its Prognostic Impact on Survival

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Table S1. Differentially regulated miRNAs between tumoral, stromal and normal tissue calculated using the $\Delta\Delta C_t$ -method (≥ 2 -fold change; $p < 0.05$) in the liver-metastases. (Svs.N = stroma compared to host tissue; Svs.T = stroma vs. tumor tissue).

Liver-Metastases					
miRNA	Fold Change Svs.N	p-Value	Fold Change Svs.T	p-Value	
miR-127-3p	-1.912	0.036	1.917	0.008	
miR-192	3.515	0.042	-4.443	0.014	
miR-215	3.595	0.043	-4.748	0.014	
miR-200c	-2.579	0.036	-4.647	0.017	
miR-143	-2.173	0.036	2.206	0.013	
miR-194	3.957	0.045	-4.894	0.026	
miR-199b-5p	-3.547	0.012	2.899	0.007	
miR-145	-2.579	0.045	3.031	0.005	
miR-199a-3p	-2.634	0.012	3.459	0.014	
miR-214	-3.083	0.010	3.710	0.005	
miR-199a-5p	-2.424	0.009	3.741	0.004	

Table S2. Differentially regulated miRNAs between tumoral, stromal and normal tissue using the $\Delta\Delta C_t$ -method (≥ 2 -fold change; $p < 0.05$) in the lung-metastases. (Svs.N = stroma compared to host tissue; Svs.T = stroma vs. tumor tissue).

Lung-Metastases				
miRNA	Fold Change Svs.N	p-Value	Fold Change Svs.T	p-Value
miR-127-3p	-1.973	0.041	2.062	0.023
miR-192	-2.571	0.028	-3.449	0.022
miR-215	-2.312	0.034	-3.455	0.023
miR-141	2.156	0.042	-3.835	0.006
miR-375	2.080	0.009	-2.844	0.002

Table S3. Primer List.

Primer	Sequence 5'-3'	Sanger Accession	Manufacturer
Hs_RNU6B_2			QIAGEN GmbH, Hilden, Germany
hsa-miR-19b	UGUGCAAAUCCAUGCAAAACUGA	MIMAT0000074	QIAGEN GmbH, Hilden, Germany
hsa-miR-21	UAGCUUAUCAGACUGAUGUUGA	MIMAT0000076	QIAGEN GmbH, Hilden, Germany
hsa-miR-127-3p	UCGGAUCCGUCUGAGCUUGGCU	MIMAT0000446	QIAGEN GmbH, Hilden, Germany
hsa-miR-125b	UCCCUGAGACCCUAAAUUGUGA	MIMAT0000423	QIAGEN GmbH, Hilden, Germany
hsa-miR-145	GUCCAGUUUCCCAGGAAUCCCU	MIMAT0000437	QIAGEN GmbH, Hilden, Germany
hsa-miR-192	CUGACCUAUGAAUUGACAGCC	MIMAT0000222	QIAGEN GmbH, Hilden, Germany
hsa-miR-199a1/a2-5p	CCCAGUGUUCAGACUACCUGUUC	MIMAT0000231	QIAGEN GmbH, Hilden, Germany
hsa-miR-194	UGUAAACAGCAACUCCAUGUGGA	MIMAT0000460	QIAGEN GmbH, Hilden, Germany
hsa-miR-199a1/a2/b-3p	ACAGUAGUCUGCACAUUGGUUA	MIMAT0000232	QIAGEN GmbH, Hilden, Germany
hsa-miR-215	AUGACCUAUGAAUUGACAGAC	MIMAT0000272	QIAGEN GmbH, Hilden, Germany
hsa-miR-429	UAAUACUGUCUGGUAAAACCGU	MIMAT0001536	QIAGEN GmbH, Hilden, Germany