



**Supplementary Figure S1:** Spearman's correlation analysis profiles of the a-HSCs-related genes (p300, HIF-1 $\alpha$  and YAP1) with expression of WAVE2 in the COAD and READ of The Cancer Genome Atlas dataset (<http://gepia.cancer-pku.cn/>). COAD refers to colon adenocarcinoma while READ denotes rectum adenocarcinoma.

Supplementary Table : Clinical data of 103 colorectal cancer patients with liver metastasis



0001088866	male	64	H-MDA	4	1	1	2/13	SYNCHRONOUS	Radical resection of rectal cancer (DIXON)	16	8	3.5	3		300		38.2			34.6 (Before radiofrequency ablation 3.0 mm) 20.1 (Before LNB ablation)
0006643578	female	62	MDA	4	0	1	0/7	SYNCHRONOUS	Laparoscopic Radical resection of rectal cancer (DIXON)	8		2.5	1		300		27.2			32.9 (20110608) 4.4 (20110608)
0006384791	female	50	MDA	3	0	1	0/29	SYNCHRONOUS	Transabdominal resection of rectal cancer (HARTMAN)	29	25	3	6			2.26	4.18	12.7		(20110729) 6.0 (20110729) 14.5 (20110813)
0006386719	male	63	H-MDA	4	0		0/14	?	Radical resection of right colon cancer	4		1.8	2			2.3	2.52	24.9	0.86	
0000090762	male	63							Laparoscopic radical resection of sigmoid colon cancer	22	10	NM	Multicite		300	3.00	7.9	22.2	30.4	4.22 (20110711) 6.7 (20110711) 27.4 (20110731)