#### miR-369 Inhibits Liver Cancer Progression by targeting ZEB1

# Pathway and Predicts the Prognosis of HCC Patients

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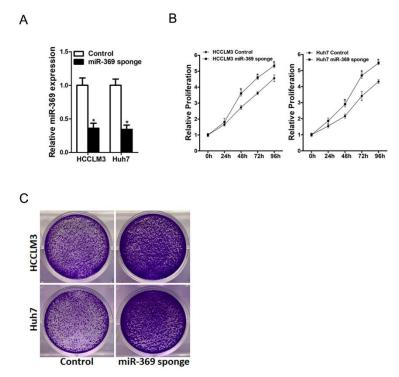
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**Running title:** miR-369 inhibits HCC cells expansion.

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## Supplementary Figure 1



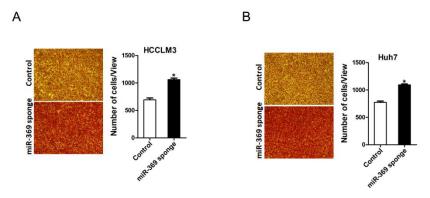
## **Supplementary Figure 1**

A. The knockdown effect of miR-369 in HCCLM3 and Huh7 cells was checked by real-time PCR assay.

B. Cell proliferation was measured using CCK-8 assays in HCCLM3 miR-369 sponge or Huh7 miR-369 sponge and their control cells.

C. Colony formation assays of HCCLM3 miR-369 sponge or Huh7 miR-369 sponge and their control cells.

### Supplementary Figure 2



#### **Supplementary Figure 2**

A. The invasion ability of HCCLM3 miR-369 sponge and its control cells was performed utilizing polycarbonate membrane inserts in a 24-well plate. B. The invasion ability of Huh7 miR-369 sponge and its control cells was performed utilizing polycarbonate membrane inserts in a 24-well plate.

### **Supplementary Tables**

#### Supplementary Table 1. Clinicopathological features of 120 HCC patients in

Characteristics		miR-369	miR-369	p value	
Characteristics		low (n=60)	high (n=60)	p value	
Age(year)	≤50	36	37	>0.05	
	>50	24	23		
Gender	Male	48	47	>0.05	
	Female	12	13		
HBsAg	Positive	45	31	<0.05	
	Negative	15	29	< 0.05	
AFP(µg/L)	≤400	10	28	< 0.05	
	>400	50	32		
Tumor size(cm)	≤5	14	28	< 0.05	
	>5	46	32		
Tumor number	Single	35	37	> 0.05	
	Multiple	25	23	>0.05	
Portal vein tumor thrombus	Yes	25	10	< 0.05	
	No	35	50		
Pathological satellite	Yes	30	32	>0.05	

**Cohort 1** 

	No	30	28		
BCLC stage	А	21	34	< 0.05	
	B or C	39	26		
TNM	I-II	46	45	> 0.05	
	III-IV	14	15	>0.05	

HBsAg: hepatitis B virus surface antigen; AFP: α-fetoprotein; TNM: Tumor-Nodes-Metastasis; BCLC: Barcelona Clinic Liver Cancer Staging.