

Supplementary Material

lncRNA SNHG8 Promotes the Tumorigenesis and Metastasis by Sponging miR-149-5p and Predicts Tumor Recurrence in Hepatocellular Carcinoma

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Table S1. Clinicopathological characteristics of GC patients

Parameters	Cases (n=315, 100%)
<i>Age (years)</i>	
≥60	171 (54.29%)
<60	144 (45.71%)
<i>HBV/HCV</i>	
Positive	144 (45.71%)
Negative	171 (54.29%)
<i>Pathological stage</i>	
I / II	239 (75.87%)
III/IV	76 (24.13%)
<i>T stage</i>	
T1/T2	233 (73.97%)
T3/T4	82 (26.03%)
<i>N stage</i>	
Negative	223 (70.79%)
Positive	92 (29.21%)
<i>M stage</i>	
Negative	236 (74.92%)
Positive	79 (25.08%)

Table S2. Primers used for qRT-PCR reaction

Markers	Sense (5'-3')	Antisense (5'-3')
SNHG8	CCCGAGAACCGT-CAGTTTGA	ACACCCGTTTCCCCA-ACTAC
β-actin	GCGTGACATTAAGGAGAAGC	CCACGTCACACTTCATGATGG
miR-149	ATTCTCTCATCTGGCTCCGTGT	TATGGTTGTTCTGCTCTCTGTGTC
U6	CAGCACATATACTAAAATTGGAACG	ACGAATTTGCGTGTCATCC
PPM1F	GGAGGAGGACGATGACGAGGAG	GCGGTTAAAGAACTCTGTGCCAG

Table S3. The correlation of SNHG8 expression with clinicopathologic characteristics of HCC patients

Variables	Cases (n)	SNHG8		<i>P</i> value
		High	Low	
Total	315	84	231	
<i>Age (years)</i>				
≥60	171	51	120	0.168
<60	144	33	111	
<i>HBV/HCV</i>				
Positive	144	32	112	0.102
Negative	171	52	119	
<i>Pathological stage</i>				
I / II	239	63	176	0.827
III/IV	76	21	55	
<i>T stage</i>				
T1/T2	233	61	172	0.742
T3/T4	82	23	59	
<i>N stage</i>				
Negative	223	61	162	0.668
Positive	92	23	69	
<i>M stage</i>				
Negative	236	65	171	0.544
Positive	79	19	60	

Table S4. The list of miRNAs sponged by lncRNA SNHG8

Number	miRNAs	mirSVR score	PhastCons score
1	hsa-miR-149-5p	-0.7042	0.5041
2	hsa-miR-876-5p	-0.6905	0.5023
3	hsa-miR-371-5p	-0.2373	0.5040
4	hsa-miR-411	-0.3642	0.4949
5	hsa-miR-425	-0.1755	0.5033