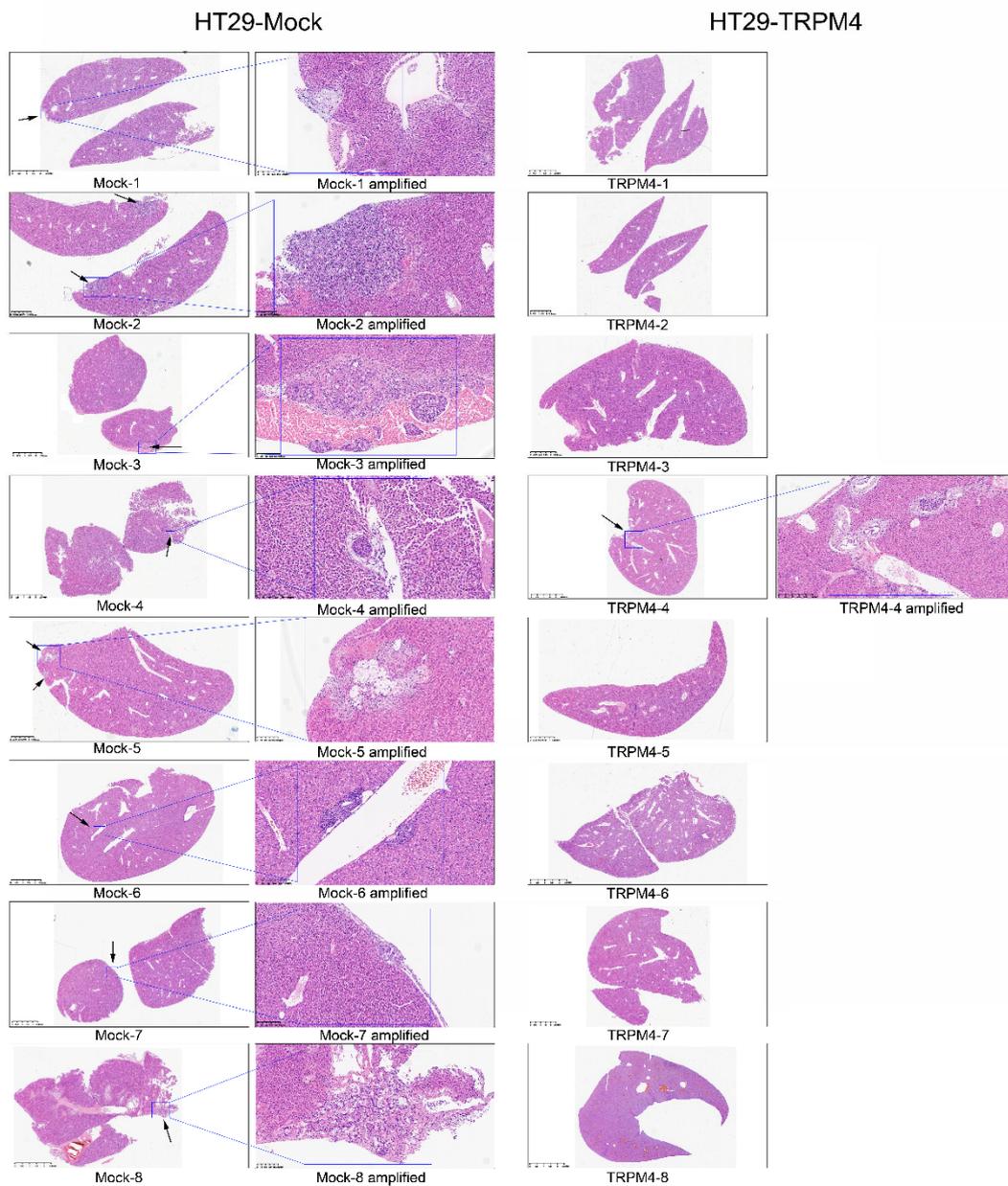
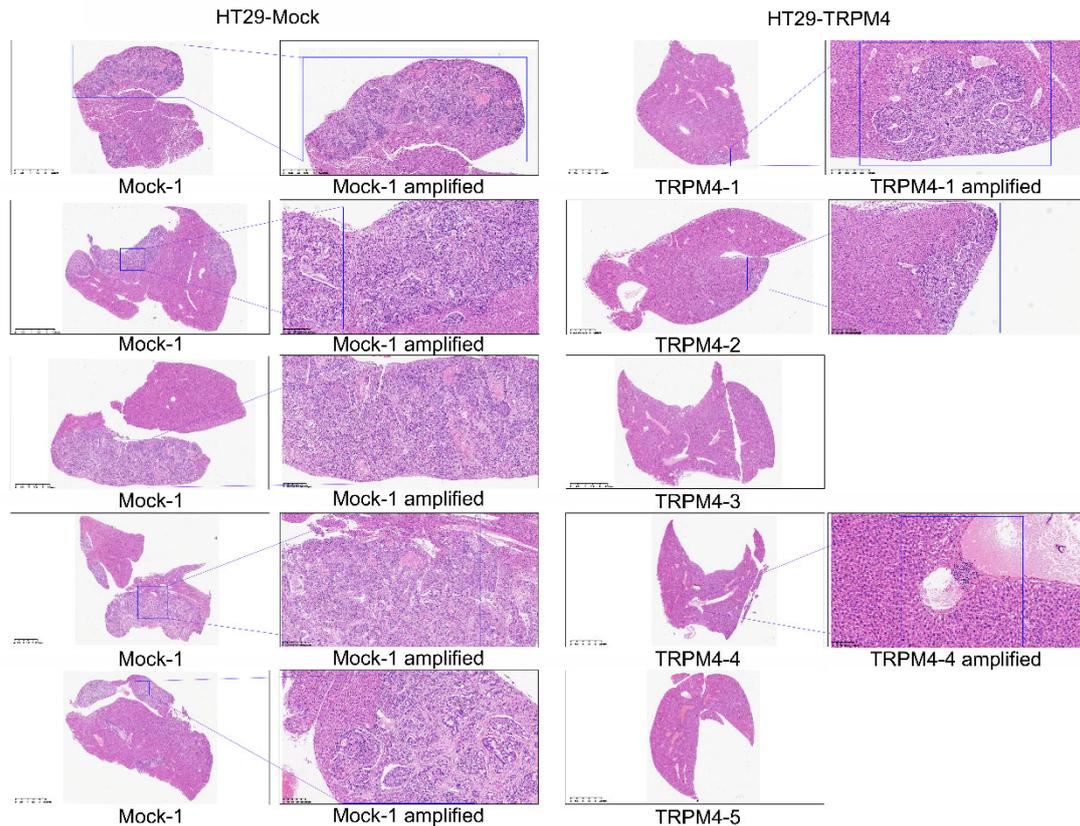


**Supplementary Figures:**



**Supplementary Figure 1.** The representative H&E staining of liver tissue sections of nude mice injected HT29/Mock and HT29/TRPM4 cells in abdominal cavity. The arrows indicate the metastatic nodules.



**Supplementary Figure 2. Liver tissue section H&E staining images of nude mice injected HT29/Mock and HT29/TRPM4 cells in spleen. The right pictures are enlargements of the rectangle in the left pictures.**

**Supplementary table 1. PCR primers used in this study**

Primers	Sequences (5'-3')	Product size (bps)
<b>For TRPM4 RT-PCR</b>		
TRPM4-F	CTGGTTCTCGCCTTCTTTTG	345
TRPM4-R	GCGTGCCAGCAGAAAGTT	
<b>For detecting methylated TRPM4 promoter by MSP</b>		
TRPM4-mF	TTTGGGTTGTAGGAGGTTGC	153
TRPM4-mR	ACCCAAAATCTAAATATCCAACG	
<b>For detecting unmethylated TRPM4 promoter by MSP</b>		
TRPM4-uF	TTTTGGGTTGTAGGAGGTTGT	154
TRPM4-uR	ACCCAAAATCTAAATATCCAACAC	
<b>For BGS analysis of TRPM4 methylation</b>		
TRPM4-BGS1	GATTTTTGTATTTTTTAGGT	430
TRPM4-BGS2	CTCCAAACTCAAAAATCT	
<b>Control for RT-PCR</b>		
GAPDH-F	TCCTGTGGCATCCACGAACT	496
GAPDH-R	GAAGCATTGCGGTGGACGAT	