

OMTO, Volume 21

Supplemental information

**circBANP promotes colorectal cancer growth
and metastasis via sponging let-7d-5p
to modulate HMGA1/Wnt/ β -catenin signaling**

Yijiang Ni, Chen Lu, Wulin Wang, Wenjie Gao, and Chunzhao Yu

Supplemental Methods

Cell counting kit-8 (CCK-8) assay

After transfection for 48 h, CRC cells (1×10^3) were plated into 96-well plates and 10 μ L CCK-8 solution (Dojindo Laboratories, Japan) was added into each well for 2 h incubation at 37°C. Then, absorbance at 450 nm was measured with a microtiter plate reader.

Supplemental Figures

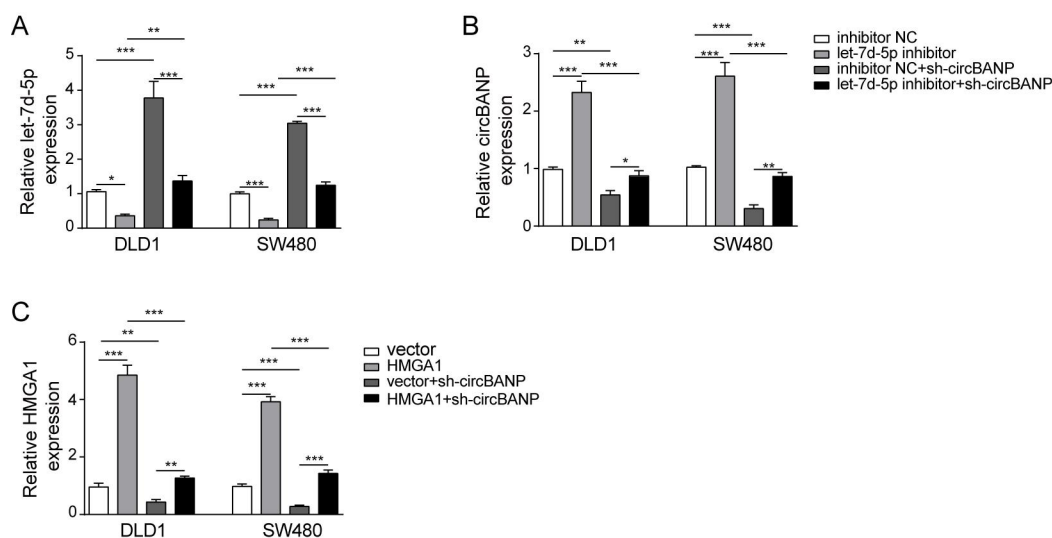


Figure S1. The expression of circBANP, let-7d-5p and HMGA1 in CRC with indicated transfection. (A) The expression of let-7d-5p was detected in cells transfected with let-7d-5p inhibitor and/or sh-circBANP. (B) Relative level of circBANP was measured in cells transfected with let-7d-5p inhibitor and/or sh-circBANP. (C) qRT-PCR analysis of HMGA1 in cells transfected with HMGA1 and/or sh-circBANP. Data were presented as means \pm SD. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.

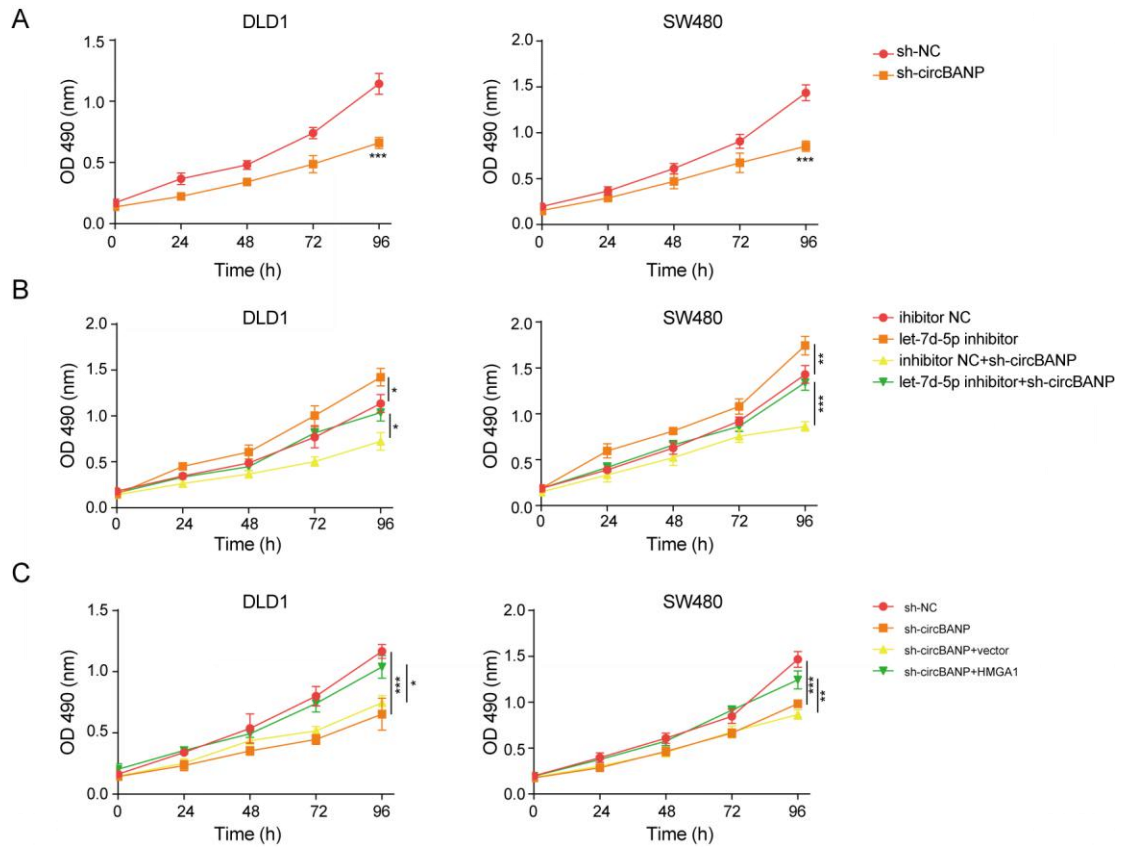


Figure S2. CircBANP modulates cell viability via let-7d-5p/HMGA1 axis in CRC.

(A) Cell viability was assessed in cells transfected with sh-circBANP. (B) Cell viability was measured in cells transfected with let-7d-5p inhibitor and/or sh-circBANP. (C) CCK8 analysis of viability in cells transfected with HMGA1 inhibitor and/or sh-circBANP. Data were presented as means \pm SD. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.