

Figure S1. circ_0001666 and miR-1229 mRNA expression levels in the colorectal cancer cell lines and normal control. (A) circ_0001666 and (B) miR-1229 mRNA expression levels in different cell lines. * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$ vs. HIEC. circ, circular RNA; miR, microRNA.

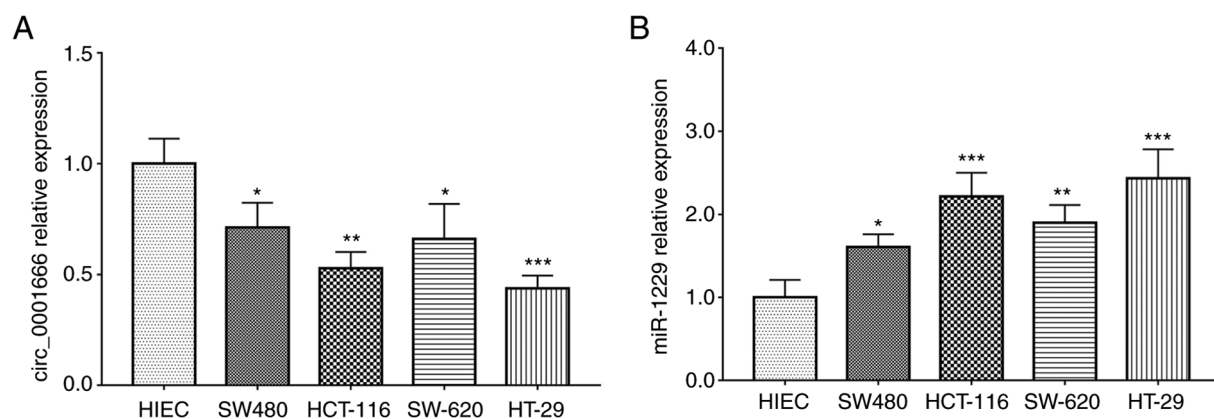


Figure S2. Subcellular location of circ_0001666 expression.
circ, circular RNA.

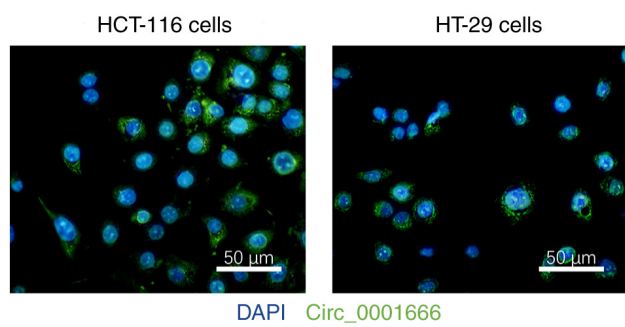


Figure S3. Forward-side scatter cryptogram of CD133⁺ cells. Gating strategy used in forward-side scatter cryptogram in (A) HT-29, (B) HCT-116 cells and (C) rescue experiment. miR, microRNA; circ, circular RNA; NC, negative control.

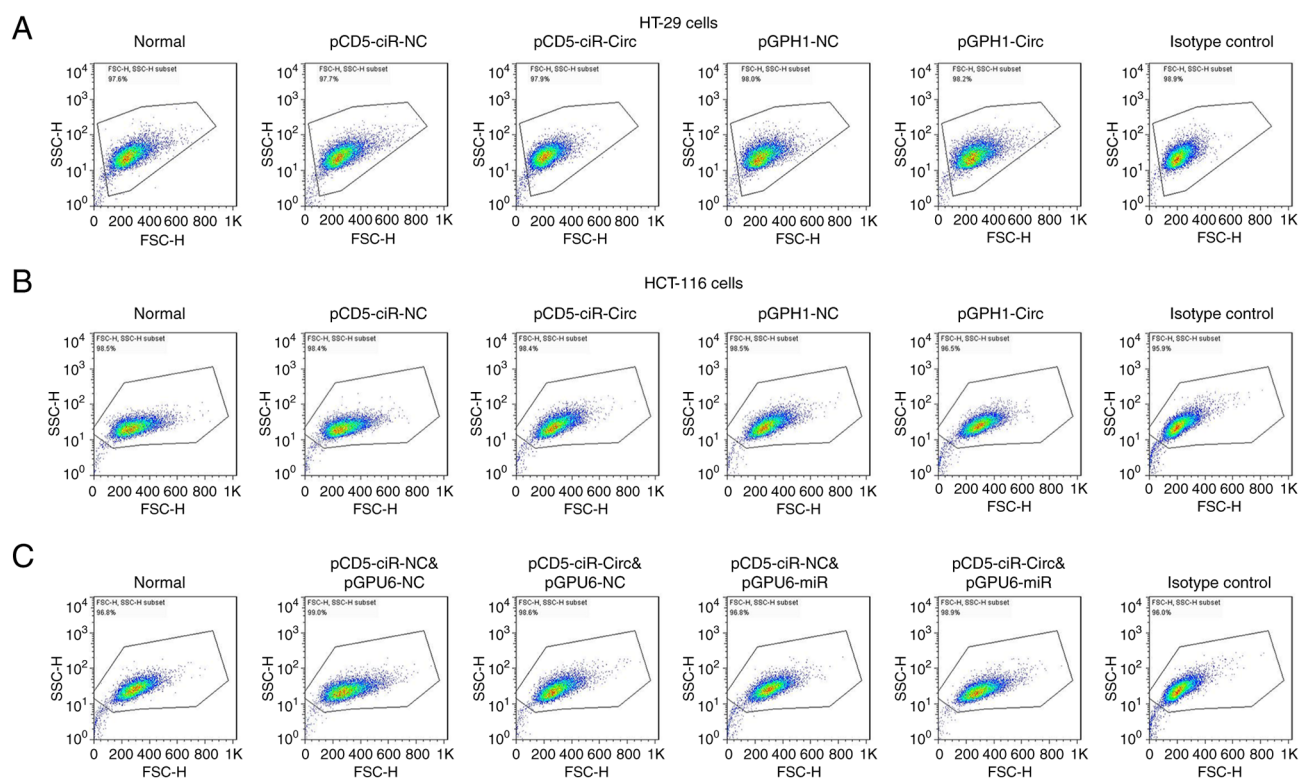


Figure S4. Transfection efficacy of miR-1229 overexpression and knockdown plasmids. miR-1229 expression in the (A) HT-29 and (B) HCT-16 cell lines following transfection with miR-1229 overexpression and knockdown plasmids. **P<0.01, ***P<0.001. miR, microRNA; NC, negative control; pGPH1-miR, miR-1229 knockdown plasmids, pGPH1-NC, knockdown NC plasmids; pGPU6-miR, miR-1229 overexpression plasmids; pGPU6-NC, overexpression NC plasmids.

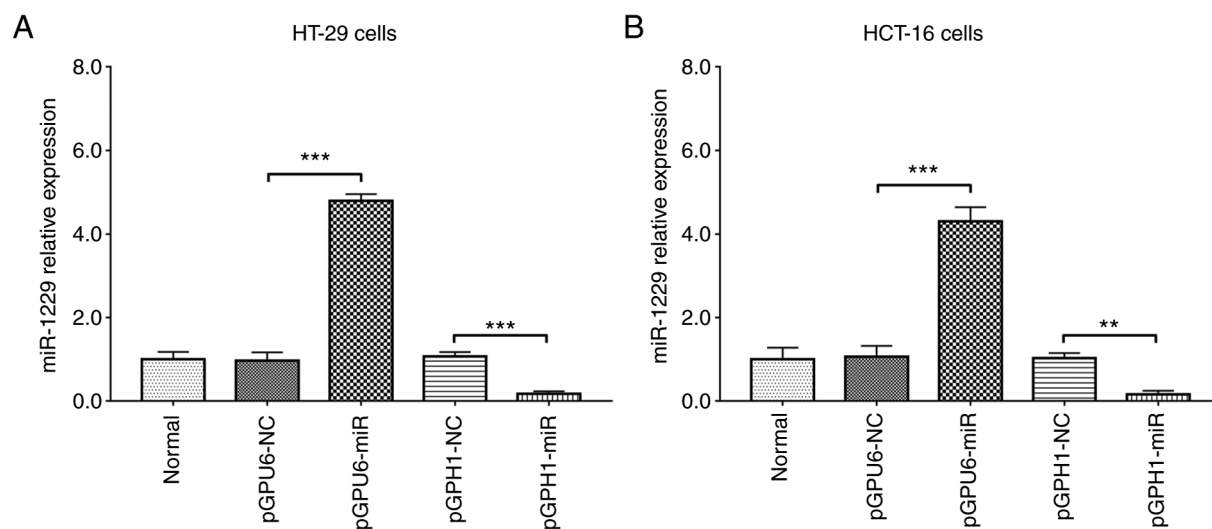
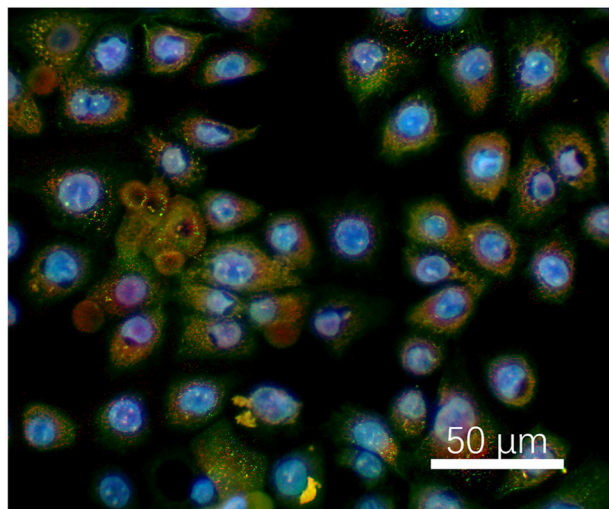


Figure S5. Circular RNA 0001666 and microRNA-1229 binding. miR, microRNA; circ, circular RNA.

HT-29 cells



DAPI

Circ_0001666

miR-1299

Figure S6. CXCR5 mRNA and protein expression level in rescue experiments. CXCR5 (A) mRNA and (B and C) CXCR5 protein expression levels in rescue experiments. *P<0.05, ***P<0.001. C-X-C motif chemokine receptor 5; miR, microRNA; circ, circular RNA; NC, negative control. pCD5-ciR-Circ, circ_0001666 overexpression plasmid; pCD5-ciR-NC, overexpression NC plasmid; pGPU6-miR, miR-1229 overexpression plasmid; pGPU6-NC, overexpression NC plasmid.

