

**Fig. S1.** Overexpression and knockdown of UTP23 in CRC cell lines. (A, B) The expression level of UTP23 in colorectal cancer cell lines was assessed via Western blot (B) analysis and qPCR (A). (C, D) Knockdown of UTP23 via shRNA in HCT116 (C) and RKO (D) cells. (E, F) Overexpression of UTP23 in HCT8 (E) and DLD1 (F) cells. ns, not significant with P> 0.05, \*P<0.05, \*\*\*P<0.001.

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