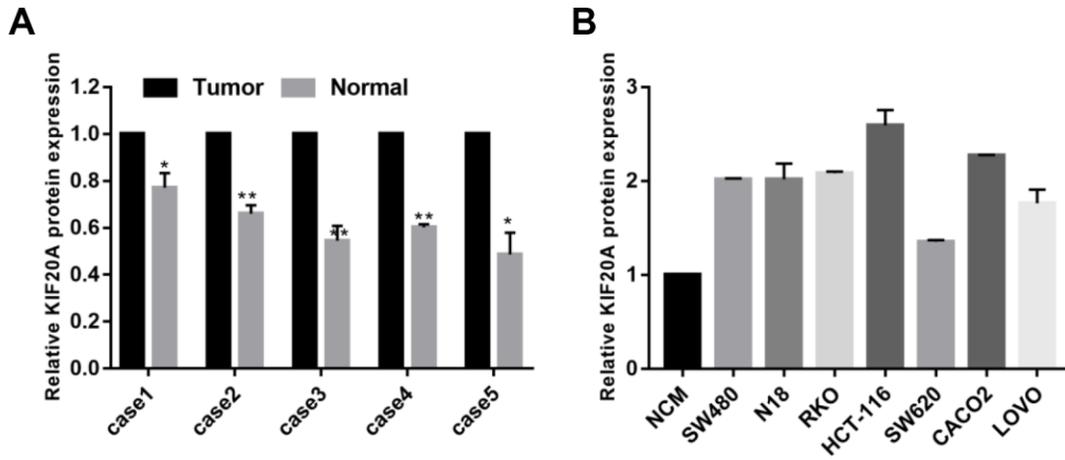
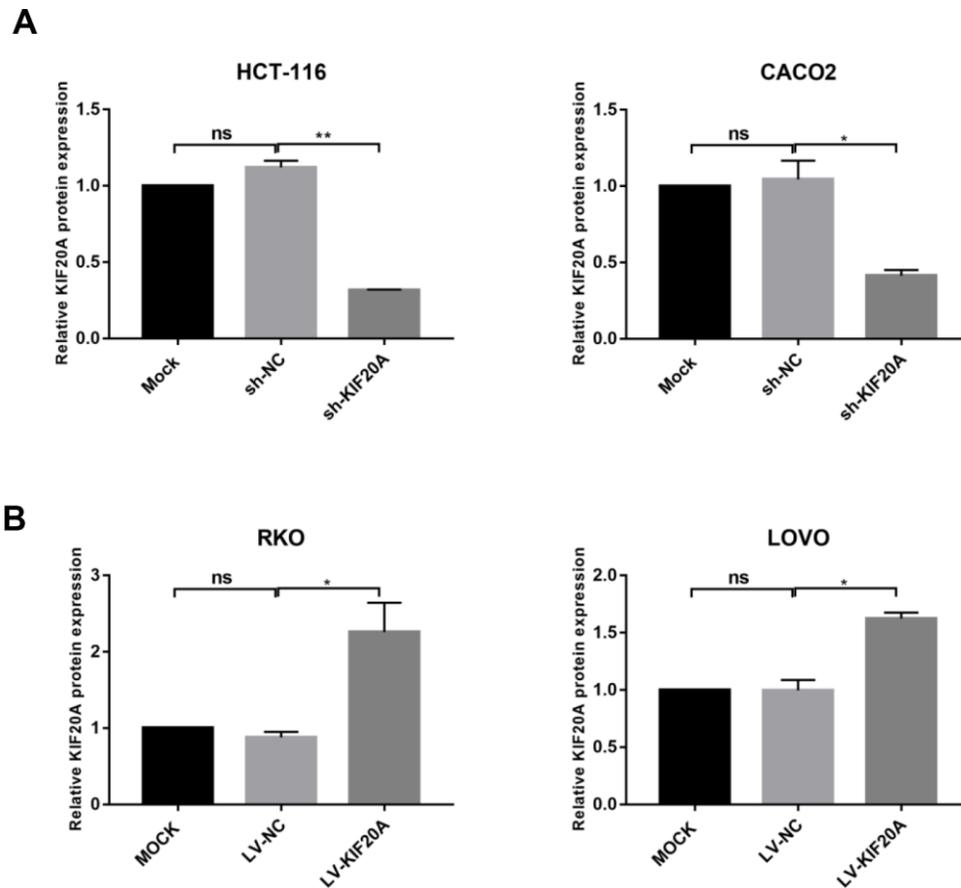


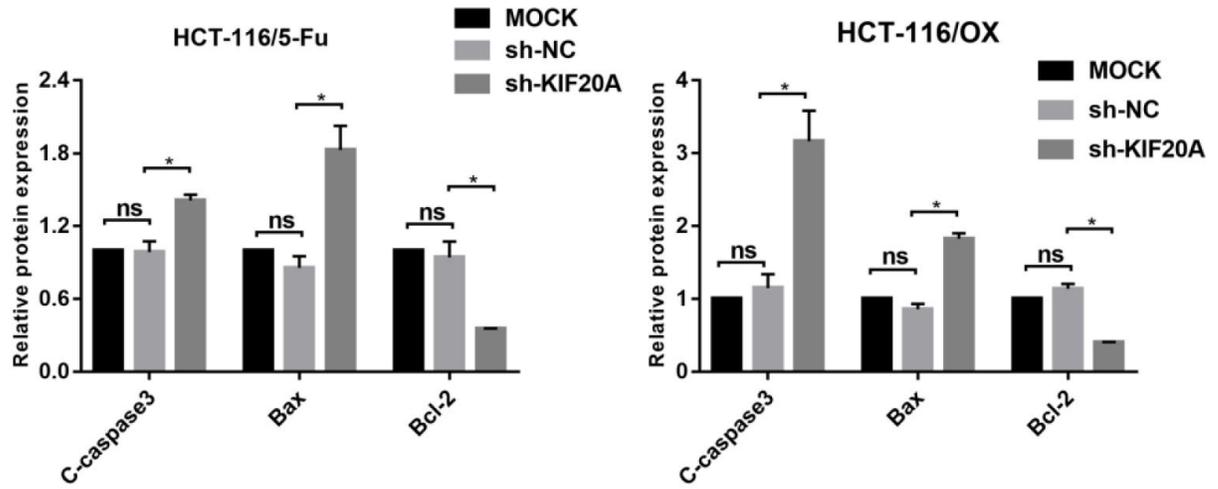
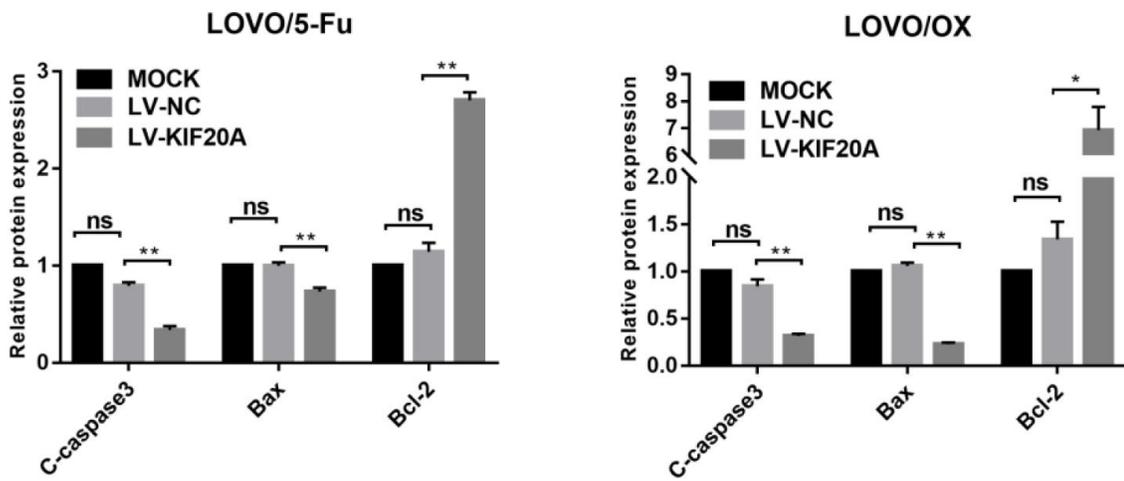
SUPPLEMENTARY FIGURES



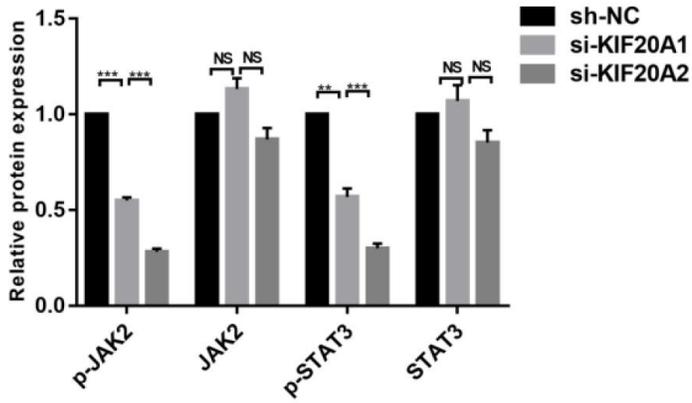
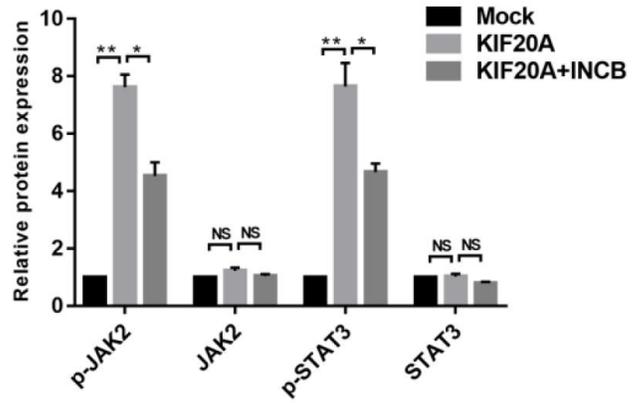
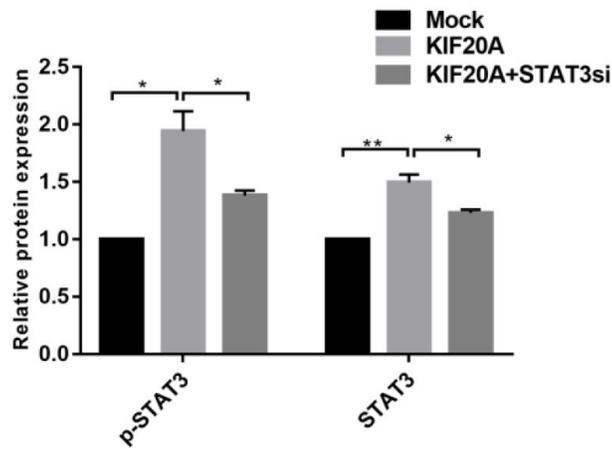
**Supplementary Figure 1.** (A) The protein expression of KIF20A in five pairs of CRC and paracancerous tissues were examined quantitatively. (B) The protein expression of KIF20A in a normal colorectal cell line (NCM) and seven CRC cell lines were examined quantitatively.



**Supplementary Figure 2.** (A) The protein expression of KIF20A in KIF20A-silenced CRC cells were examined quantitatively. (B) The protein expression of KIF20A in KIF20A-overexpression CRC cells were examined quantitatively.

**A****B**

**Supplementary Figure 3.** (A) The protein expression of apoptosis-related factors (cleaved-caspase 3, bax, bcl-2) in different transfected groups of HCT-116 cell line treated with 4ug/ml 5-FU (left) or 8 ug/ml oxaliplatin (right). (B) The protein expression of apoptosis-related factors in different transfected groups of LOVO cell line treated with 1.5 ug/ml 5-FU (left) or 1 ug/ml oxaliplatin (right).

**A****B****C**

**Supplementary Figure 4.** (A) The protein expression of p-JAK2, JAK, p-STAT3, STAT3 in KIF20A-silenced cells were examined quantitatively. (B) The protein expression of p-JAK2, JAK, p-STAT3 and STAT3 in different transfected groups with or without the administration of INCB were examined quantitatively. (C) The protein expression of p-STAT3 and STAT3 in different transfected groups with or without the the silence of STAT3.