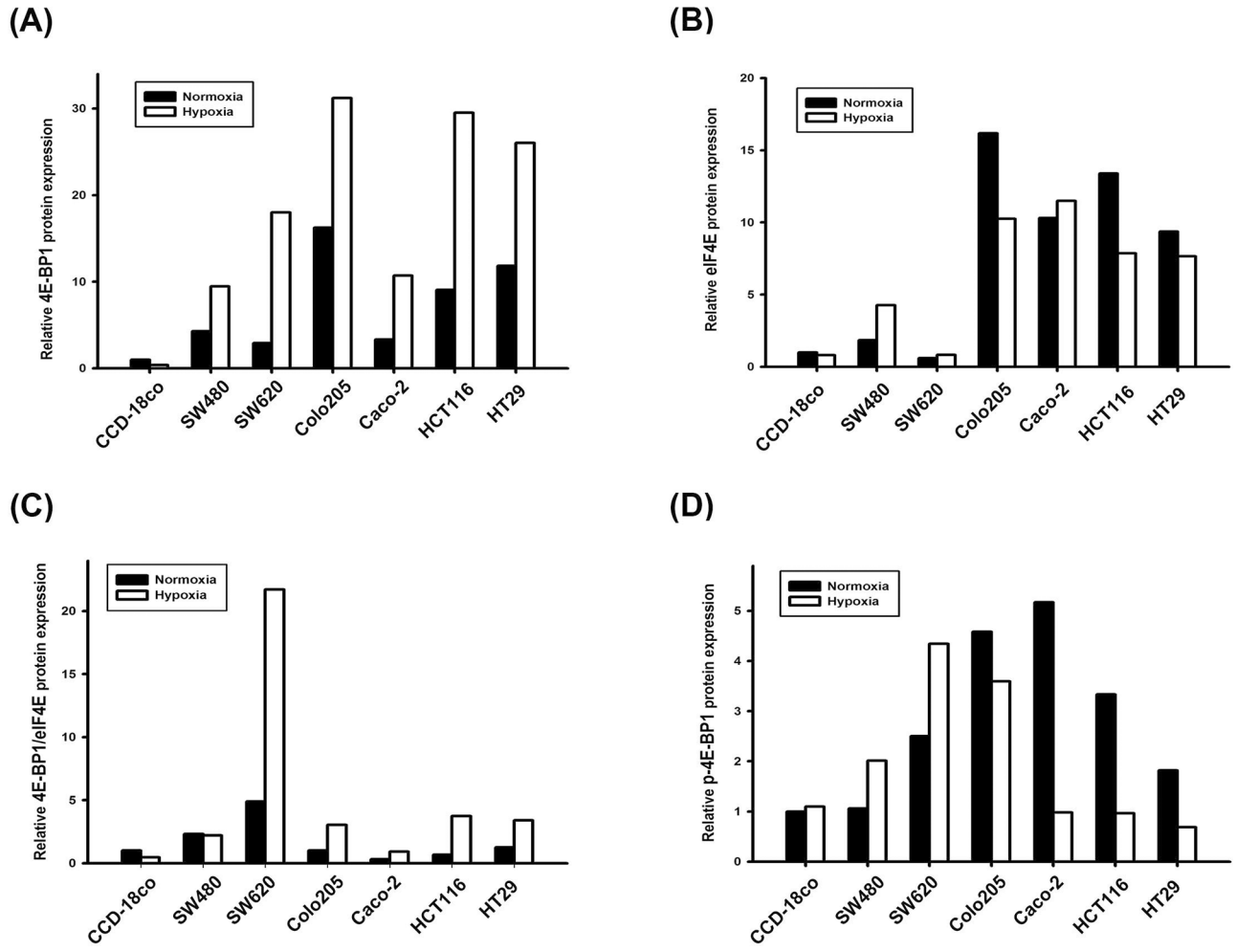
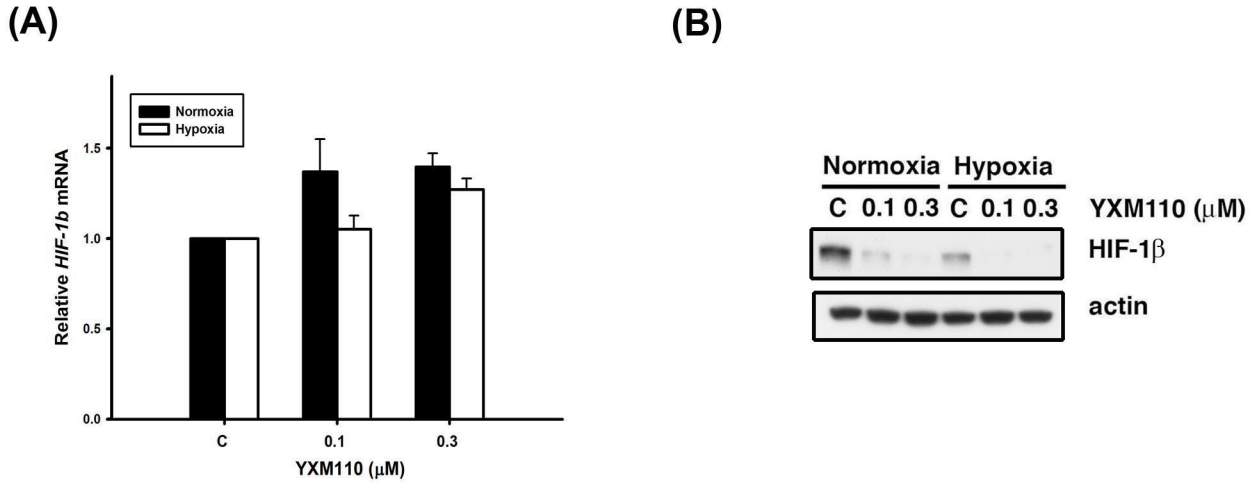
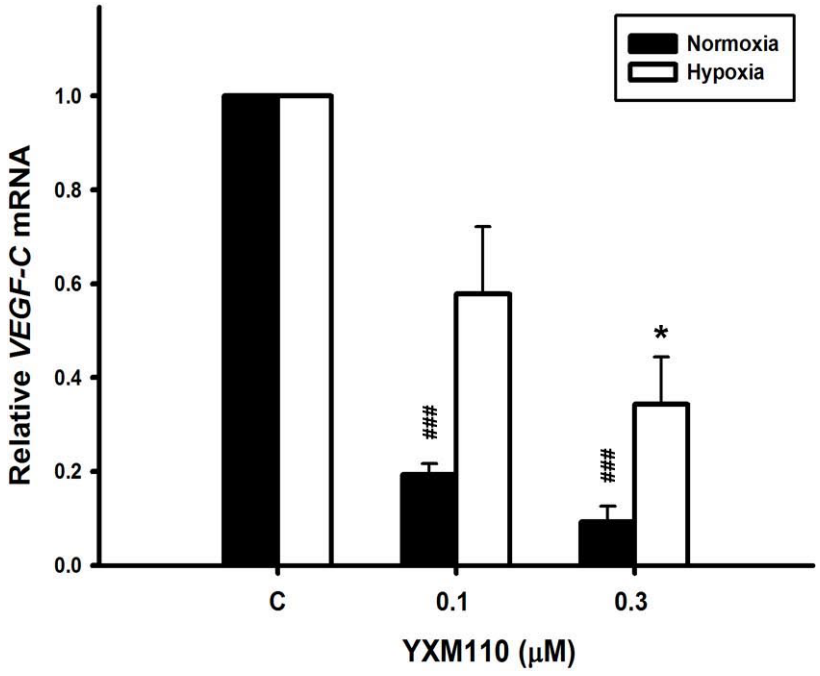
## SUPPLEMENTARY FIGURES AND TABLE




**Supplementary Figure S1: Compare basal expression of 4E-BP1, eIF4E and p-4E-BP1 in normal colon cell line and colorectal cancer cells under normoxia and hypoxia.** The quantitative results of **A.** 4E-BP1, **B.** eIF4E, and **D.** p-4E-BP1 expression and **C.** the ratio of 4E-BP1:eIF4E in normal colon cell line and colorectal cancer cells under normoxia and hypoxia.




**Supplementary Figure S2: YXM110 inhibits HIF-1β protein levels. A.** HIF-1β mRNA was analyzed with quantitative real-time RT-PCR after 6 h treatment of YXM110 (0.1 or 0.3 μM) under normoxia or hypoxia conditions. **B.** HCT116 cells were treated with vehicle (0.1% DMSO) or YXM110 (0.1 or 0.3 μM) under normoxia or hypoxia conditions for 24 h. The cells were then harvested for detection of HIF-1β and actin by western blot analysis.




**Supplementary Figure S3: YXM110 suppresses VEGF-C transcriptional level.** VEGF-C mRNA was analyzed with quantitative real-time RT-PCR after 6 h treatment of YXM110 (0.1 or 0.3 μM) under normoxia or hypoxia conditions.. $^{*}P < 0.01$; $^{###}P < 0.001$.

**Supplementary Table S1: The correlation of 4EBP1 and eIF4E expression in tumor tissues of CRC**

| | 4EBP1 | | |
|---|---|---|---|
| | **Low (*n* = 30)** | **High (*n* = 30)** | ***p* value** |
| eIF4E | | | |
| Low (*n* = 35) | 25 | 10 | |
| High (*n* = 25) | 5 | 20 | <0.0001 |

No positive or only one positively stained section was defined as "low" expression of 4E-BP1 or eIF4E, and the presence of at least two positively stained sections was classified as "high" expression. (*N* = 60).