

Figure S1 Comparison of glucose metabolism rates in normal colon tissues and CRC tissues. (A) The mRNA expression levels of *GLUT1* (*SLC2A1*) and (B) *LDHA* in normal colon tissues and CRC tissues. (C) Glucose uptake and (D) lactate production were assessed in normal colon cell lines and CRC cell lines. *, $P < 0.05$; **, $P < 0.01$. CRC, colorectal cancer.

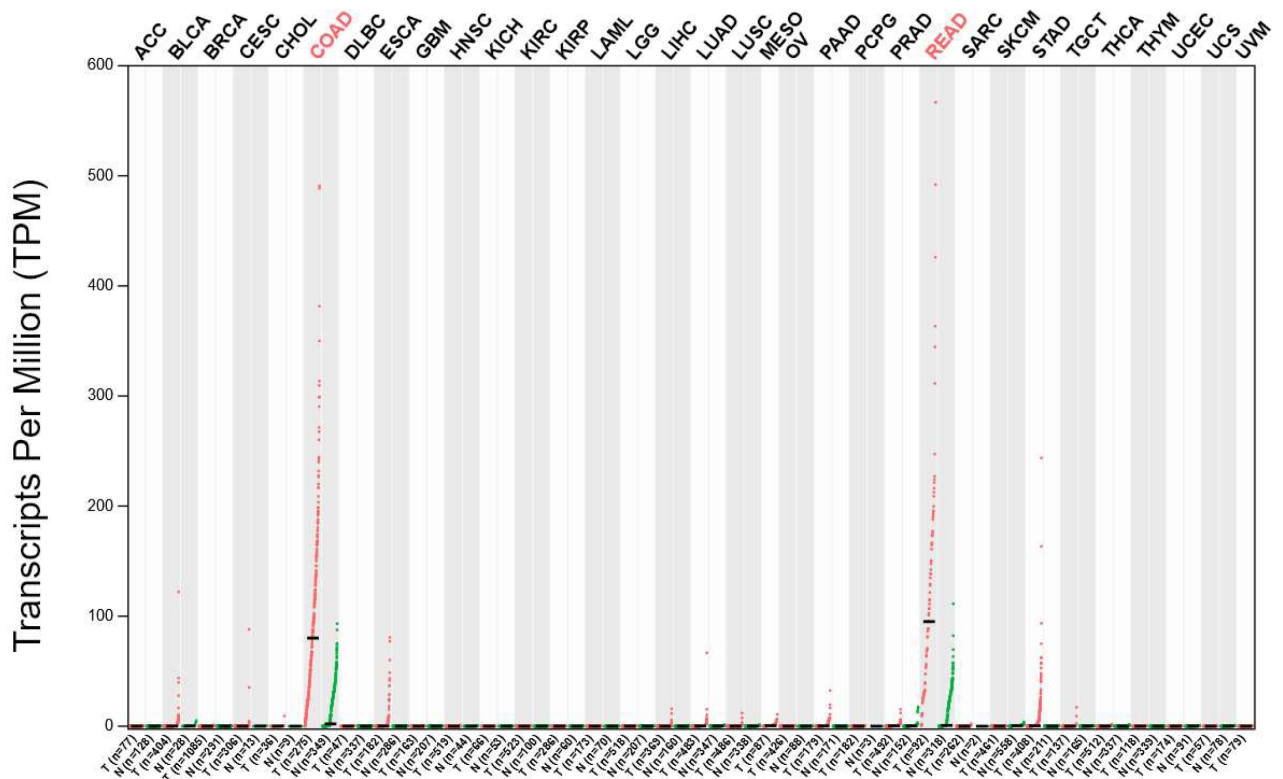
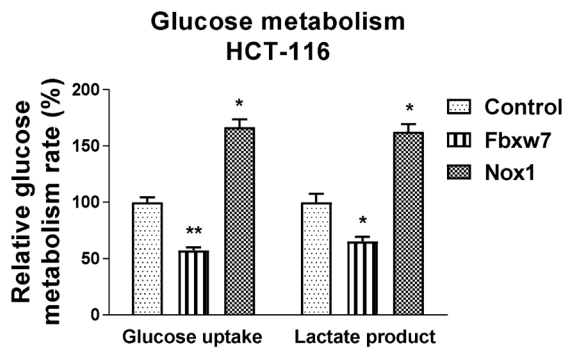


Figure S2 Expression of *Nox1* in cancer and normal tissues. The *Nox1* expression profiles were analyzed by gepia.cancer-pku.cn from TCGA database.

A



B

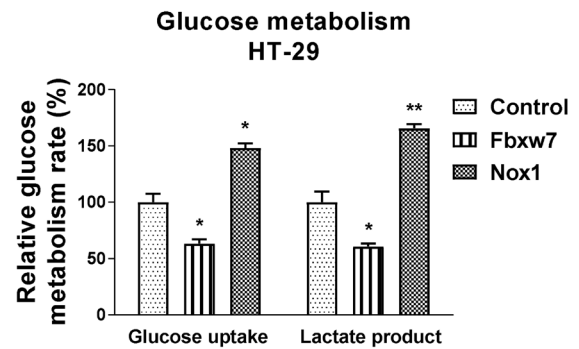
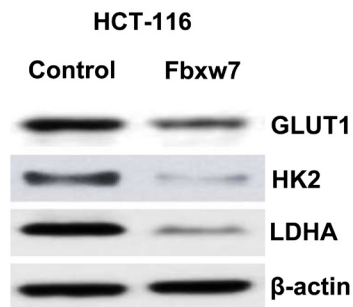


Figure S3 Modulation of glucose metabolism by *Fbxw7* and *Nox1* in colon cancer cells. (A) HCT-116 and (B) HT-29 cells were transfected with control, *Fbxw7*, or *Nox1* for 48 h, and glucose uptake and lactate production were then examined. *, $P < 0.05$; **, $P < 0.01$.

A



B

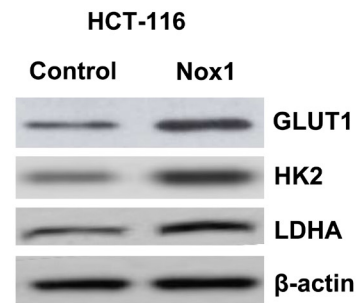


Figure S4 Modulation of glucose metabolism enzymes by *Fbxw7* and *Nox1* in colon cancer cells. (A,B) HCT-116 cells were transfected with control, *Fbxw7*, or *Nox1* for 48 h, and protein expression levels of *GLUT1*, *HK2*, and *LDHA* were examined by Western blot. β -actin was an internal control.