

The pseudogene derived from long non-coding RNA DUXAP10 promotes colorectal cancer cell growth through epigenetically silencing of p21 and PTEN.

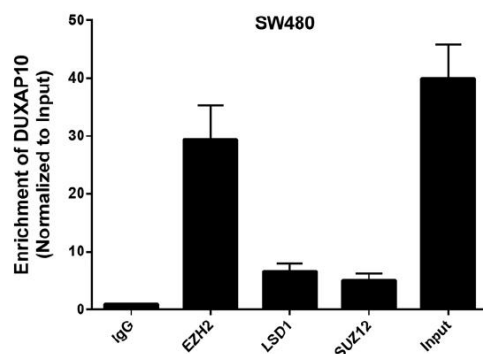
Yifan Lian^{1,2,6}, Yetao Xu^{3,6}, Chuanxing Xiao^{1,6}, Rui Xia⁴, Huangbo Gong⁵, Peng Yang⁵, Tao Chen⁵, Dongdong Wu⁵, Zeling Cai⁵, Jianping Zhang⁵, Keming Wang^{2*}

¹Department of Gastroenterology, Zhongshan Hospital affiliated to Xiamen University, Xiamen, 361004, Fujian, People's Republic of China; ²Department of Oncology, Second Affiliated Hospital, Nanjing Medical University, Nanjing 210000, Jiangsu, People's Republic of China; ³Department of Obstetrics and Gynecology, the First Affiliated Hospital of Nanjing Medical University, Nanjing, 210000, Jiangsu, People's Republic of China; ⁴Department of Laboratory, Nanjing Chest Hospital, Nanjing, 210029, Jiangsu, People's Republic of China; ⁵Department of General Surgery, Second Affiliated Hospital, Nanjing Medical University, Nanjing, 210000 Jiangsu, People's Republic of China.

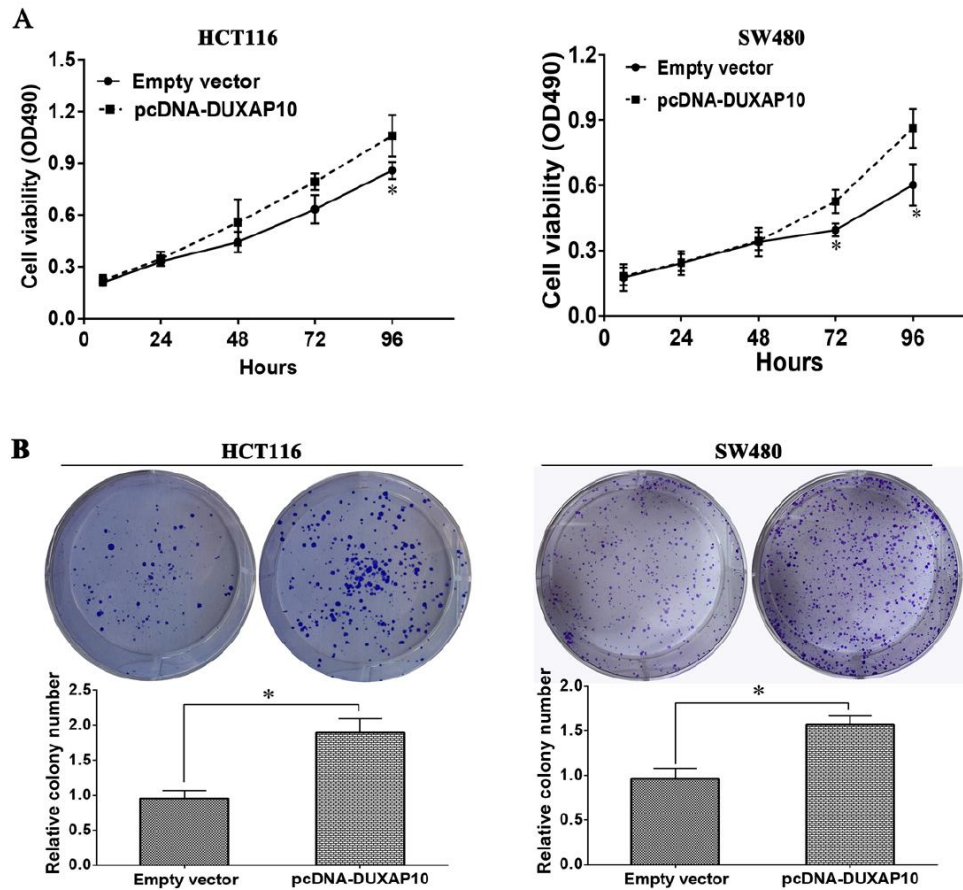
⁶This authors contributed equally to the work.

***Corresponding author:** Keming Wang, E-mail: kemingwang@njmu.edu.cn, Tel: +86-18951762692, Fax : +86-25-58509994

Supplementary Figures-1



Supplementary Figure S1: RIP assays were performed in SW480 cells and confirmed that DUXAP10 could interact with EZH2 in SW480 cells.



Supplementary Figure S2: Overexpression of DUXAP10 on CRC cell proliferation in vitro. (A and B). Cell viability and colony formation assay were used to determine the proliferation of pcDNA-DUXAP10-transfected HCT116 and SW480 cells.