

LINC00511 promotes gastric cancer cell growth by acting as a



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## LINC00511 as a ceRNA promotes cell malignant behaviors ...

<https://www.sciencedirect.com/science/article/pii/S0753332219352643>

Functional experiments disclosed that the **LINC00511 promoted cell behaviors**, including proliferation, **colony formation and invasion**. Mechanically, our results uncovered that **LINC00511** might serve as a **ceRNA** to regulate **EYA1** and **promote cell malignant behaviors** through sponging miR-195 in HCC.

**Author:** Wen-Yu Hu, Hai-Yan Wei, Ke-Ming Li, ... **Publish Year:** 2020

## LINC00511 contributes to glioblastoma tumorigenesis and ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/jcmm.14829>

Meanwhile, **LINC00511 sponges miR-524-5p**, acting as a **ceRNA** to regulate **YB1 expression**, which can increase ZEB1 expression by binding to its **promoter region**. **ZEB1** has been recognized as a key **EMT transcriptional inducer**.

**Author:** Xiaoliu Du, Yiming Tu, Shuang Liu, Pen... **Publish Year:** 2019

## A novel mRNA-miRNA-lncRNA competing endogenous RNA ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6535056>

May 15, 2019 · Increasing evidence has well documented that **lncRNA-miRNA-mRNA ceRNA** network plays key roles in multiple **human cancers**, such as **breast cancer**, **gastric cancer**, **liver cancer** as well as **pancreatic cancer**. However, current knowledge for lncRNA-miRNA-mRNA in **human cancers** is not enough, including **pancreatic cancer**.

**Cited by:** 1 **Author:** Wenlong Wang, Weiyang Lou, Bisha Ding...

**Publish Year:** 2019

## AP2γ mediated downregulation of lncRNA LINC00511 as a ...

<https://www.sciencedirect.com/science/article/pii/S0753332219327799>

In **bladder cancer cells**, knockdown of **LINC00511** significantly suppress migration and invasion, and increase the **rate of apoptotic cell**. These results further support the potential **pro-oncogenic role** of **LINC00511** in **cancers**.



**Name of Journal:** *World Journal of Gastrointestinal Oncology*

**Manuscript NO:** 51440

**Manuscript Type:** ORIGINAL ARTICLE

*Basic Study*

**LINC00511 promotes gastric cancer cell growth by acting as a ceRNA**

Sun CB *et al.* LINC00511 promotes GC

Chong-Bing Sun, Hong-Yi Wang, Xiao-Qing Han, Yong-Ning Liu,

Meng-Chun Wang, Hong-Xia Zhang, You-Feng Gu, Xiao-Gang Leng

**Abstract**

**BACKGROUNDS**

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### LINC00511 promotes proliferation and invasion by sponging ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6998282>

Feb 03, 2020 · Depleting LINC00511 reduced tumor cell proliferation, migration and invasion, slowed tumor growth, and accelerated cell apoptosis. Our mechanistic study results indicated that LINC00511 promotes gastric cancer progression in a miR-515-5p-dependent manner.

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<https://www.sciencedirect.com/science/article/pii/S0753332219352643>

High-regulation of LINC00511 was associated with poor prognosis of HCC patients. Reduction of LINC00511 impaired the proliferation, colony formation, and invasion of HCC cells via acting as ceRNA for miR-195 and regulating EYA1 expression, and vice versa. Together these observations provided important insights into the cancer-promoting effect of LINC00511 in HCC progression.

Author: Wen-Yu Hu, Hai-Yan Wei, Ke-Ming Li,... Publish Year: 2020

### LINC00511 accelerated the process of gastric cancer by ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6933746>

Dec 26, 2019 · QRT-PCR assays were applied to test LINC00511 expression in GC cell lines (HGC27, BGC823, MGC803 and SGC7901) and normal gastric epithelial cell (GES1). The results exhibited that LINC00511 expression was remarkably high in GC cell lines (Fig. 1 c).

Author: Zhaosheng Chen, Honglei Wu, Zhen Z... Publish Year: 2019

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<https://cmbl.biomedcentral.com/track/pdf/10.1186/s11658-020-0201-x> ▼

time that LINC00511 promotes the growth and invasion of gastric cancer cells through sponging miR-515-5p. This discovery provides a possible new treatment target for this malignant tumor. Materials and methods Patients and specimens The subjects were 25 patients who had been diagnosed with gastric cancer (age range,

### LINC00511 accelerated the process of gastric cancer by ...

<https://cancerbi.biomedcentral.com/articles/10.1186/s12935-019-1070-0> ▼

Dec 26, 2019 · UCA1 was seen as a ceRNA of Sox4 in esophageal cancer to promote cell proliferation . HNF1A-AS1 was regarded as a ceRNA to accelerate the metastasis of colon cancer repressing miR-34a/SIRT1/p53 feedback loop [ 15 ].

Author: Zhaosheng Chen, Honglei Wu, Zhen Z... Publish Year: 2019





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