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### Basic Study

Long noncoding RNA-associated competing endogenous RNA and regulatory mechanism of LINC02407 in human gastric adenocarcinoma

Zhou LL *et al.* Long Noncoding RNA in Gastric Adenocarcinoma

### Abstract

#### BACKGROUND

Long noncoding RNAs (lncRNAs) have been identified to play important roles in the development and progression of various tumors, including gastric cancer (GC). However, the molecular role of lncRNA in GC progression

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Integrative Analysis of Dysregulated lncRNA-Associated ceRNA ...

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作者: H Liu - 2018 - 被引用次数: 4 - 相关文章

However, the **regulatory mechanisms** of **lncRNA** as **ceRNA** in **gastric cancer** (GC) ... into gene **regulatory** networks and have implications in **human** development ...

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Comprehensive analysis of aberrantly expressed profiles of lncRNAs ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5349905/> ▼ 翻译此页

作者: H Wang - 2016 - 被引用次数: 31 - 相关文章

2016年12月27日 - Finally, a dysregulated **lncRNA-associated ceRNA** network was successfully ... for improving the understanding of lncRNA-mediated **ceRNA regulatory mechanisms** ... elucidate how lncRNAs exert their diversity biological functions in **human** cancer. ... **ceRNA** network has been constructed in **gastric cancer**, ...

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Long noncoding RNA-associated competing endogenous RN.



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## Competing endogenous RNA networks and gastric cancer

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4631969>

Nov 07, 2015 - Core tip: Competitive **endogenous** RNAs (ceRNAs) share microRNA (miRNA) response elements and compete common miRNAs, thereby regulating each other's expression. The ceRNA **regulatory** networks including mRNAs, miRNAs, **long non-coding** RNAs and circular RNAs play critical roles in tumorigenesis, and the perturbations of ceRNA networks may contribute to the pathogenesis of **gastric** ...

Cited by: 66

Author: Lei Lei Guo, Chun Hua Song, Peng Wan...

Publish Year: 2015

## Comprehensive analysis of long noncoding RNA-associated ...

<https://www.sciencedirect.com/science/article/pii/S0006291X1832374X>

Long non-coding RNAs (**lncRNAs**) can interact with **microRNAs** (**miRNAs**) as a competing endogenous RNA (**ceRNA**) to regulate the expression of target genes, which can largely influence on tumorigenesis and tumor progression. However, the role of **lncRNA-mediated ceRNAs** in **cholangiocarcinoma** (CCA) remains unknown.

Cited by: 3

Author: Wei Song, Dong-liu Miao, Lei Chen

Publish Year: 2018

## Long noncoding RNA associated-competing endogenous ...

[https://www.researchgate.net/publication/264833270\\_Long\\_noncoding\\_RNA\\_associated...](https://www.researchgate.net/publication/264833270_Long_noncoding_RNA_associated...)

Some **long noncoding RNAs** (**lncRNAs**) play important roles in the **regulation of gene expression** by acting as **competing endogenous RNAs** (**ceRNAs**). However, the roles of **lncRNA associated-ceRNAs** ...

## Long non-coding RNA MEG3 functions as a competing ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4529701>

**Long non-coding RNA** MEG3 functions as a **competing endogenous RNA** to regulate **gastric cancer** progression. ... however its biological role **and regulatory mechanism** in **gastric cancer** (GC) development and progression are poorly defined. Qiu M, Xu Y, Yang X, Wang J, Hu J, Xu J, Yin R

## RNA



Ribonucleic acid (RNA) is a polymeric molecule implicated in various biological roles in coding, decoding, regulation, and expression of genes. RNA and DNA are nucleic acids, and, along with proteins and carbohydrates, constitute the three major macromolecules essential for all known forms of life.



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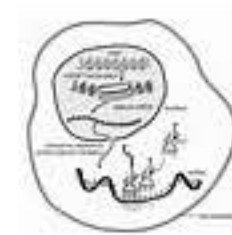
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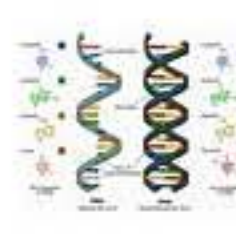
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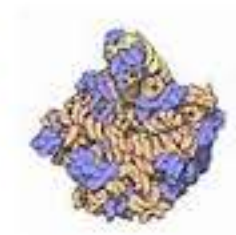
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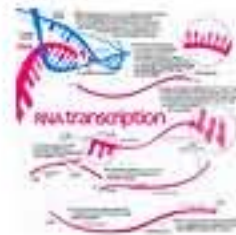
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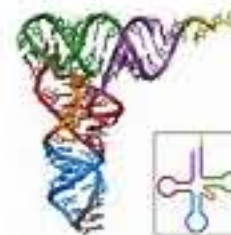
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Cited by: 168

Author: Weizhao Peng, Shuang Si, Qingxia Zhang, C...

Publish Year: 2015

### Long noncoding RNA associated-competing endogenous RNAs in ...

[https://www.researchgate.net/publication/264833270\\_Long\\_noncoding\\_RNA\\_associated...](https://www.researchgate.net/publication/264833270_Long_noncoding_RNA_associated...)

**Long noncoding RNA associated-competing endogenous RNAs** in **gastric cancer**. ... light an unknown miRNA **regulatory network** in **gastric cancer**. It. ... a database for **long-non-coding RNA-associated**.

### Comprehensive analysis of long noncoding RNA-associated ...

<https://www.sciencedirect.com/science/article/pii/S0006291X1832374X>

**Long non-coding RNAs (lncRNAs)** can interact with **microRNAs (miRNAs)** as a **competing endogenous RNA (ceRNA)** to regulate the expression of target genes, which can largely influence on tumorigenesis and tumor progression. However, the role of lncRNA-mediated ceRNAs in **cholangiocarcinoma (CCA)** remains unknown.

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Author: Wei Song, Dong-liu Miao, Lei Chen

Publish Year: 2018

### The long noncoding RNA PVT1 functions as a competing ...

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Background. Recent evidence has highlighted the key **regulatory roles** of **long non-coding RNAs (lncRNAs)** in tumor development and progression including **gastric cancer (GC)**. The **long non-coding RNA (lncRNA)** plasmacytoma variant translocation 1 (PVT1) has ...

Cited by: 55

Author: Tao Huang, Hong Wei Liu, Jia Qi Chen, Sho...

Publish Year: 2017

### Long Noncoding RNA MALAT1 Acts as a Competing Endogenous ...

<https://www.hindawi.com/journals/bmri/2019/1569638> ▾

N. Dong, B. Xu, and H. Shi, "Long noncoding **RNA MALAT1** acts as a **competing endogenous RNA** to regulate Amadori-glycated albumin-induced MCP-1 expression in retinal microglia by a **microRNA-124-dependent mechanism**," *Inflammation Research*, vol. 67, no. 11-12, pp. 913–925, 2018.