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Basic Study

6 Functional role of long non-coding RNA CASC19/miR-140-5p/CEMIP axis in colorectal cancer progression *in vitro*

Wang XD *et al.* Role of CASC19 in CRC

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Abstract

BACKGROUND

Long non-coding RNAs (lncRNA) are widely involved in tumor regulation. Nevertheless, the role of lncRNA cancer susceptibility 19 (CASC19) in colorectal cancer (CRC) has yet to be fully clarified.

AIM

To explore the effect of CASC19 on proliferation and metastasizing ability of CRC cells.

METHODS

CASC19 expression in human CRC tissues, pair-matched adjacent normal colon tissues, and CRC cells were detected using quantitative real-time PCR (qRT-PCR). CASC19 expressions, as well as its relation to overall survival, were extrapolated

Match Overview

1	Crossref 79 words Yan-Ting Hu, Bei-Fang Li, Peng-Jun Zhang, Di Wu, Yan-Yan Li, Zhong-Wu Li, Lin Shen, Bin Dong, Jing Gao, Xu Zhu.	1%
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### Functional role of a long non-coding RNA LIFR-AS1/miR-29a ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/29807108> - 翻译此页

作者: K Liu - 2018 - 被引用次数: 1 - 相关文章

2018年5月25日 - **Functional role** of a **long non-coding RNA** LIFR-AS1/miR-29a/TNFAIP3 **axis** in **colorectal cancer** resistance to photodynamic therapy. Liu K(1) ...

缺少字词: case19 140 5p cemip progression vitro

### Long non-coding RNA 00152 functions as a competing endogenous ...


<https://www.ncbi.nlm.nih.gov/pubmed/29956750> - 翻译此页

作者: ZP Chen - 2018 - 被引用次数: 1 - 相关文章

2018年6月22日 - **Long non-coding RNA** 00152 **functions** as a competing endogenous **RNA** to regulate NRP1 expression by sponging with miRNA-206 in **colorectal cancer**. ... that **long non-coding RNAs** (lncRNAs) play a critical role in CRC **progression** and ... overexpression plasmid or respective siRNA in **vitro** and in **vivo**.

缺少字词: case19 mir 140 5p cemip axis

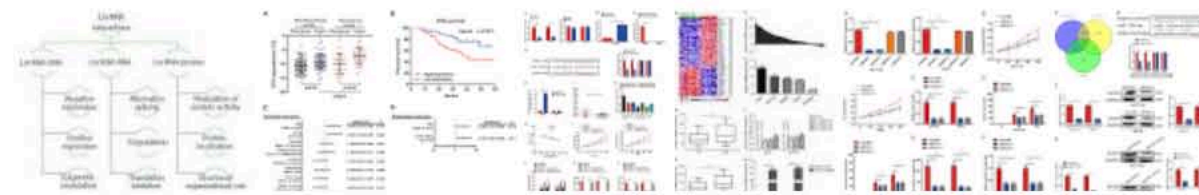
### Long noncoding RNA SNHG6 promotes the progression of colorectal ...

<https://www.dovepress.com/long-noncoding-rna-snhg6-promotes-the-progre...>  翻译此页

2018年9月12日 - **Long non-coding RNA** SNHG6 has been reported to act as essential regulators in several cancers. However, the **functional role** and molecular mechanism of SNHG6 in ... cell proliferation, invasion and migration both in **vitro** and in **vivo**. ... promotes **colorectal cancer progression** by sequestering **miR-760** ...

缺少字词: case19 140 5p cemip

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### Long non-coding RNA FOXD2-AS1 functions as a tumor promoter in ...

<https://www.ncbi.nlm.nih.gov/pubmed/28925486> - 翻译此页

作者: X Yang - 2017 - 被引用次数: 23 - 相关文章

Long non-coding RNA FOXD2-AS1 functions as a tumor promoter in ... are emerging as new modulators in cancer origination and progression. However, the functions and molecular mechanisms of lncRNAs to colorectal cancer (CRC) are still ... of FOXD2-AS1 suppressed cell, proliferation, invasion and migration in vitro.

缺少字词: CASC19/ miR- 140- 5p/ CEMIP axis

### Functional role of a long non-coding RNA LIFR-AS1/miR-29a ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/29807108> - 翻译此页

作者: K Liu - 2018 - 被引用次数: 1 - 相关文章

2018年5月25日 - Functional role of a long non-coding RNA LIFR-AS1/miR-29a/TNFAIP3 axis in colorectal cancer resistance to photodynamic therapy. Liu K(1) ...

缺少字词: CASC19/ 140- 5p/ CEMIP progression vitro

### Long non-coding RNA 00152 functions as a competing endogenous ...

<https://www.ncbi.nlm.nih.gov/pubmed/29956750> - 翻译此页

作者: ZP Chen - 2018 - 被引用次数: 2 - 相关文章

2018年6月22日 - Long non-coding RNA 00152 functions as a competing endogenous RNA to regulate NRP1 expression by sponging with miRNA-206 in colorectal cancer. ... that long non-coding RNAs (lncRNAs) play a critical role in CRC progression and ... overexpression plasmid or respective siRNA in vitro and in vivo.

缺少字词: CASC19/ miR- 140- 5p/ CEMIP axis

### SP1-induced lncRNA-ZFAS1 contributes to colorectal cancer ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/30250022> - 翻译此页

作者: X Chen - 2018 - 被引用次数: 4 - 相关文章

2018年9月24日 - ... contributes to colorectal cancer progression via the miR-150-5p/VEGFA axis. ...

Increasing long non-coding RNAs (lncRNAs) have been reported to play key roles in the development

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### Expression and Function of Long Non-coding RNA CASC19 in ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/29338818>

作者: JJ Wang - 2017

2017年12月20日 - Objective To investigate the expression, function and significance of long non-coding RNA ... Results The expression of CASC19 in colorectal cancer was ... expression in CRC inhibited the migration ability of CRC in vitro.

缺少字词: miR-140-5p/CEMIP axis progression

### Long non-coding RNAs in Colorectal Cancer: Progression and Future ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5665037/> - 翻译此页

作者: Y Yang - 2017 - 被引用次数: 15 - 相关文章

Keywords: Long noncoding RNA (lncRNA), colorectal cancer (CRC), ... For example, we previously reported that the elevation of oncofetal miR-17-5p targets the ... To better understand their functional significance, lncRNAs can be further ... and reproducibly altered CRC-associated lncRNAs both in vivo and in vitro.

缺少字词: CASC19/140-CEMIP axis

### The SOX2OT/miR-194-5p axis regulates cell proliferation and mobility ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6202518/> - 翻译此页

作者: R Wei - 2018 - 相关文章

2018年9月12日 - Recent studies reported that long noncoding RNAs (lncRNAs) were involved in ... The present study investigated the biological functions of lncRNA SOX2 ... of lncRNA SOX2OT promoted colorectal cancer cells proliferation and .... The SOX2OT/miR-194-5p axis participated in the tumor progression of GC ...

缺少字词: CASC19/CEMIP

### Functional role of a long non-coding RNA LIFR-AS1/miR-29a ... - NCBI

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