

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 46577

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Role and mechanism of circ-PRKCI in hepatocellular carcinoma

Qi SX *et al.* Circ-PRKCI in HCC

Su-Xia Qi, Hui Sun, Hui Liu, Jing Yu, Zhi-Yong Jiang, Ping Yan

Abstract

BACKGROUND

Circle RNA-PRKCI (circ-PRKCI) is a large class of endogenous non-coding RNA that forms a covalently closed ring after reverse splicing, which is a key role in the occurrence and development of multiple digestive system tumors.

AIM

To investigate the role and mechanism of circ-PRKCI in the occurrence and development of hepatocellular carcinoma (HCC).

METHODS

This study used real-time polymerase chain reaction to detect the expression of circ-PRKCI respectively in cancer tissues, adjacent tissues, and blood in HCC and other digestive system tumor cells. A series of functional tests were performed to explore whether circ-PRKCI affects the growth of HCC cells and

Match Overview

1	Internet 38 words crawled on 29-Aug-2017 spandidos-publications.com	1%
2	Crossref 23 words Agarwal, Ekta, Michael G. Brattain, and Sanjib Chowdhury. ... Cell survival and metastasis regulation by Akt signaling in col	1%
3	Internet 15 words crawled on 15-Mar-2019 f6publishing.blob.core.windows.net	1%
4	Crossref 14 words Wei Zeng, Fang Wang, Yu Ma, Xianchun Liang, Ping Chen. " Dysfunctional Mechanism of Liver Cancer Mediated by Tra	<1%
5	Crossref 13 words Lingling Zhou, Yang Li, Weiwei Jiang, Hua Zhang et al. "Dow n-regulation of circ-PRKCI inhibits cell migration and prolif	<1%
6	Crossref 13 words Shijun Chen, Tianwen Li, Qianfu Zhao, Bingxiu Xiao, Junming Guo. "Using circular RNA hsa_circ_0000190 as a new biom	<1%
7	Internet 12 words crawled on 01-Mar-2019 molecular-cancer.biomedcentral.com	<1%
8	Internet 12 words crawled on 25-Feb-2019 link.springer.com	<1%

[全部](#)[图片](#)[新闻](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 33,400 条结果 (用时 0.45 秒)

Circular RNAs in hepatocellular carcinoma: Functions and implications

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6051148/> - 翻译此页

作者: L Fu - 2018 - 被引用次数: 6 - 相关文章

2018年6月1日 - Keywords: **circular** RNA, **function**, **hepatocellular carcinoma**, ... Therefore, exploring the molecular **mechanism** and identifying valuable markers of **HCC** are hsa_circ_0067934, chr3, +, **PRKCI**, Promotes tumor growth and ...

Prospect of Circular RNA in Hepatocellular Carcinoma: A Novel ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6115511/> - 翻译此页

作者: R Yao - 2018 - 被引用次数: 3 - 相关文章

2018年8月23日 - However, the **mechanism** of circRNA in **HCC** remains unclear. ... expressions of circRNAs in **HCC**, discussed **its role**, and potential **mechanisms**, hsa_circ_0067934, hsa_circ_0067934, **PRKCI**, Human and cell line, miRNA ...

The Circular RNA circPRKCI Promotes Tumor Growth in Lung ...

<cancerres.aacrjournals.org/content/78/11/2839> - 翻译此页

作者: M Qiu - 2018 - 被引用次数: 18 - 相关文章

2018年6月1日 - **circPRKCI** was overexpressed in lung adenocarcinoma tissues, in part ... the **hepatocellular carcinoma** suppressor circMTO1 (20), the colon cancer that **circPRKCI functions** according to the ceRNA **mechanism** and serves ...

[PDF] circRNA meets gene amplification - Non-coding RNA Investigation

<ncri.amegroups.com/article/download/4418/5031> ▼ 翻译此页

作者: N Manguso - 2018

2018年6月28日 - ... such as circPVT1 in gastric cancer (10) and circMTO1 in **hepatocellular cancer** (11). ... of LAC and elucidated the **mechanism of circPRKCI**, providing a ... **PRKCI** gene may play a **role** in lung cancer and further characterized ...



Role and mechanism of circ-PRKCI in hepatocellular carcinoma



登录

全部

图片

新闻

视频

购物

更多

设置

工具

找到约 37,700 条结果 (用时 0.40 秒)

Circular RNAs in hepatocellular carcinoma: Functions and implications

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6051148/> - 翻译此页

作者: L Fu - 2018 - 被引用次数: 6 - 相关文章

2018年6月1日 - Keywords: **circular** RNA, **function**, **hepatocellular carcinoma**, ... Therefore, exploring the molecular **mechanism** and identifying valuable markers of **HCC** are hsa_circ_0067934, chr3, +, **PRKCI**, Promotes tumor growth and ...

Prospect of Circular RNA in Hepatocellular Carcinoma: A Novel ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6115511/> - 翻译此页

作者: R Yao - 2018 - 被引用次数: 3 - 相关文章

2018年8月23日 - However, the **mechanism** of circRNA in **HCC** remains unclear. ... expressions of circRNAs in **HCC**, discussed its **role**, and potential **mechanisms**, hsa_circ_0067934, hsa_circ_0067934, **PRKCI**, Human and cell line, miRNA ...

^[PDF] circRNA meets gene amplification - Non-coding RNA Investigation

ncri.amegroups.com/article/download/4418/5031 ▼ 翻译此页

作者: N Manguso - 2018 - 被引用次数: 1 - 相关文章

2018年6月28日 - of lung cancer the need to elucidate the **mechanisms** of this disease and to develop ... cancer (10) and circMTO1 in **hepatocellular cancer** (11). The most ... The Circular RNA **circPRKCI** Promotes Tumor Growth in Lung Adenocarcinoma. Cancer Res ... **PRKCI** gene may play a **role** in lung cancer and further.

The Circular RNA circPRKCI Promotes Tumor Growth in Lung ...

cancerres.aacrjournals.org/content/78/11/2839 - 翻译此页

作者: M Qiu - 2018 - 被引用次数: 19 - 相关文章

2018年6月1日 - **circPRKCI** was overexpressed in lung adenocarcinoma tissues, in part ... the **hepatocellular carcinoma** suppressor circMTO1 (20), the colon cancer that **circPRKCI functions** according to the ceRNA **mechanism** and serves ...

The Circular RNA circPRKCI Promotes Tumor ... - Cancer Research



Role and mechanism of circ-PRKCI in hepatocellular carcinoma



全部

图片

新闻

视频

购物

更多

设置

工具

找到约 45,800 条结果 (用时 0.62 秒)

Circular RNAs in hepatocellular carcinoma: Functions and implications

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6051148/> - 翻译此页

作者: L Fu - 2018 - 被引用次数: 6 - 相关文章

2018年6月1日 - Keywords: **circular** RNA, **function**, **hepatocellular carcinoma**, ... Therefore, exploring the molecular **mechanism** and identifying valuable markers of **HCC** are hsa_circ_0067934, chr3, +, **PRKCI**, Promotes tumor growth and ...

Prospect of Circular RNA in Hepatocellular Carcinoma: A Novel ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6115511/> - 翻译此页

作者: R Yao - 2018 - 被引用次数: 3 - 相关文章

2018年8月23日 - However, the **mechanism** of circRNA in **HCC** remains unclear. ... expressions of circRNAs in **HCC**, discussed its **role**, and potential **mechanisms**, hsa_circ_0067934, hsa_circ_0067934, **PRKCI**, Human and cell line, miRNA ...

The Circular RNA circPRKCI Promotes Tumor Growth in Lung ...

cancerres.aacrjournals.org/content/78/11/2839 - 翻译此页

作者: M Qiu - 2018 - 被引用次数: 19 - 相关文章

2018年6月1日 - **circPRKCI** was overexpressed in lung adenocarcinoma tissues, in part ... the **hepatocellular carcinoma** suppressor circMTO1 (20), the colon cancer that **circPRKCI functions** according to the ceRNA **mechanism** and serves ...

The Circular RNA circPRKCI Promotes Tumor ... - Cancer Research

cancerres.aacrjournals.org/content/78/11/2839.full-text.pdf - 翻译此页

2018年6月1日 - circular RNA **circPRKCI** drives lung adenocarcinoma tumori- genesis. ... cancers (16), the **hepatocellular carcinoma** suppressor circMTO1. (20), the **circPRKCI functions** according to the ceRNA **mechanism** and serves as a ...

[PDF] circRNA meets gene amplification - Non-coding RNA Investigation