

Name of Journal: *World Journal of Gastrointestinal Oncology*

ESPS Manuscript NO: 24824

Manuscript Type: Original Article

Basic Study

MicroRNA-320 family is downregulated in colorectal adenoma and affects tumor proliferation by targeting CDK6

Tadano T *et al.* MicroRNA-320 family is downregulated in colorectal adenoma

Toshihiro Tadano, Yoichi Kakuta, Shin Hamada, Yosuke Shimodaira, Masatake Kuroha, Yoko Kawakami, Tomoya Kimura, Hisashi Shiga, Katsuya Endo, Atsushi Masamune, Seiichi Takahashi, Yoshitaka Kinouchi, Tooru Shimosegawa

Abstract

AIM: To investigate the microRNA (miRNA) expression during histological progression from colorectal normal mucosa through adenoma to carcinoma within a

Match Overview

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作者: H Wang - 2015 - [被引用次数: 1](#) - [相关文章](#)

2015年10月20日 - The **effect** of miR-320b on cell **proliferation** was analyzed in vitro and in vivo ... **Colorectal cancer** (CRC) is one of the most common cancers, and ... The **target** site of **miRNA** has been considered to be the 3' un-translated region (3' UTR) of mRNA. The expression of miR-320b is **down regulated** in CRC.

缺少字词: family

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作者: E Callegari - 2015 - [被引用次数: 25](#) - [相关文章](#)

2014年9月5日 - Direct **targeting** of cyclin D1, **CDK6**, and E2F3 by miR-195 can also block the ... Aberrant **miRNA** expression in liver **cancer affects** the functionality of ... All these miRNAs are **downregulated** in HCC, thereby contributing to ... As a result, cell **proliferation**, survival, and maintenance of stemness are enhanced.

[MicroRNAs in the p53 network: micromanagement of tumour ...](#)

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作者: H Hermeking - 2012 - [被引用次数: 210](#) - [相关文章](#)

2012年8月17日 - Conversely, other miRNAs are known to **target** the expression of p53 ... Table 1 | **Tumour-specific alterations in the p53-microRNA network** ... In contrast to TP53, TP63 is not commonly **affected** by mutations in ... the miR-192 family members are **downregulated in colorectal cancer**. 94, 320-323 (2009).

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MicroRNA-497 suppresses proliferation and induces apoptosis in prostate cancer cells

[L Wang, B Li, L Li, T Wang - Asian Pacific Journal of Cancer ...](#), 2013 - koreascience.or.kr

... miR-34c is downregulated in prostate cancer and exerts tumor suppressive functions. ...

MicroRNA-320 suppresses the stem cell-like characteristics of prostate cancer cells by down ...

Transcripts targeted by the microRNA-16 family cooperatively regulate cell cycle progression. ...

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kisti.re.kr 中的 [PDF]

[HTML] DNA methylation, microRNAs, and their crosstalk as potential biomarkers in hepatocellular carcinoma

[SL Anwar, U Lehmann - World J Gastroenterol, 2014 - wjgnet.com](#)

... MiR-199a/b was down-regulated in all HCC patients under study (n = 40) and significantly ... and

HDAC inhibitors (such as Trichostatin) as well as knockdown of DNMT family members followed

by ... Located at the intron of MEST gene, miR-335 is downregulated in 78% of HCC ...

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MicroRNA Targeted Therapy for Overcoming Drug Resistance, Reversal of EMT and Elimination of Cancer Stem Cells in Prostate and Pancreatic Cancer

[Y Li, D Kong, A Ahmad, B Bao, FH Sarkar - MicroRNA Targeted Cancer ...](#), 2014 - Springer

... We also found that the expression of miR-200 and let-7 families was down-regulated and ... al (2008)

A reciprocal repression between ZEB1 and members of the miR-200 family promotes EMT ... Hsieh

IS, Chang KC, Tsai YT et al (2013) MicroRNA-320 suppresses the stem cell-like ...

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Roles of microRNAs during prostatic tumorigenesis and tumor progression

[YX Fang, WQ Gao - Oncogene, 2014 - nature.com](#)

... cell-cycle transition and cell proliferation through activating the AKT pathway and downregulating

fork head ... of let-7 suppresses the expression of EZH2, a putative target of let-7 family, which is ...

CD133+ and integrin $\alpha 2 \beta 1$ +, both let-7 and miR-34a expressions are downregulated. ...

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作者: J Zhou - 2015 - 被引用次数: 4 - 相关文章

2014年10月16日 - Keywords: **microRNA-320b**, **microRNA-320a**, **Colorectal cancer**, **Invasion**, ... were found to be preferentially expressed in **colorectal tumors** at more ... For example, the miR-200 **family** repressed EMT **by targeting** S2) and therefore were used to study if inhibition of microRNA would **affect cell proliferation**.

缺少字词: **edk6**

The Role of microRNAs in Colorectal Cancer - NCBI

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) ▾ 翻译此页

作者: AJ Schetter - 2012 - 被引用次数: 97 - 相关文章

KRAS mutant **tumors** also show altered **microRNA** expression patterns when ... **MicroRNA** expression **affects cell growth, proliferation**, invasion and ... MiR-145 may also have a role in stem cell maintenance **by targeting** Regulation of the **adenomatous polyposis coli** gene by the miR-135 **family** in **colorectal cancer**.

miR-320b suppresses cell proliferation by targeting c-Myc in ...

bmccancer.biomedcentral.com/articles/10.../s12885-015-1728-... ▾ 翻译此页

作者: H Wang - 2015 - 被引用次数: 1 - 相关文章

Mounting evidence indicates that one specific **miRNA**: miR-320b is **down regulated** in numerous human cancers, including **colorectal cancer** (CRC); making the ...

缺少字词: **family**

Cell Death and Differentiation - MicroRNAs in liver cancer: a ...

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作者: E Callegari - 2015 - 被引用次数: 29 - 相关文章

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