

7

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 50263

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Insulin-like growth factor 2 mRNA-binding protein 1 promotes cell proliferation via activation of AKT and is directly targeted by microRNA-494 in pancreatic cancer

Wan BS *et al.* IGF2BP1 promotes cell proliferation in pancreatic cancer

Abstract

BACKGROUND

Studies have shown that insulin-like growth factor 2 mRNA-binding protein 1 (IGF2BP1) plays critical roles in the genesis and development of human cancers.

Match Overview

1	Crossref 44 words Gutschner, Tony, Monika Hämmerle, Nikolaos Pazaitis, Nadine Bley, Evgenij Fiskin, Hannah Uckelmann, Andreas Hei	1%
2	Crossref 30 words Y.B. Ma, G.X. Li, J.X. Hu, X. Liu, B.M. Shi. "Correlation of miR-494 expression with tumor progression and patient s...	1%
3	Internet 25 words crawled on 12-Jul-2018 www.nature.com	1%
4	Internet 20 words crawled on 26-Jul-2019 www.ncbi.nlm.nih.gov	1%
5	Crossref 18 words Sun, Hai-Bing, Xi Chen, Hong Ji, Tao Wu, Hong-Wei Lu, Yan Zhang, Hua Li, and Yi-Ming Li. "miR-494 is an indepe	<1%
6	Crossref 18 words Jisheng Hu, Le Li, Hongze Chen, Guangquan Zhang et al. "MIR-361-3p regulates ERK1/2-induced EMT via DUSP2 ...	<1%
7	Internet 15 words crawled on 27-Jul-2019 f6publishing.blob.core.windows.net	<1%
8	Internet 14 words crawled on 10-Jul-2018 jhonline.biomedcentral.com	<1%
9	Crossref 14 words Xiaoni Han, Ziling Fang, Heng Wang, Rongfang Jiao, Jing Zhou, Nian Fang. "CUL4A functions as an oncogene in o...	<1%



国内版 国际版

Insulin-like growth factor 2 mRNA-binding protein 1 promotes cell proliferation vi



All Images Videos

翻译成中文

关闭取词

14,300 Results

Any time ▾

Insulin-like growth factor 2 mRNA-binding protein 1 ...

<https://jhoonline.biomedcentral.com/articles/10.1186/s13045-018-0628-y> ▾

Jun 28, 2018 · The insulin-like growth factor-2 mRNA-binding protein 1 (IGF2BP1) plays essential roles in embryogenesis and carcinogenesis. IGF2BP1 serves as a post-transcriptional fine-tuner regulating the expression of some essential mRNA targets required for the control of tumor cell proliferation and growth, invasion, and chemo-resistance, associating with a poor overall survival and metastasis in various ...

Cited by: 8 Author: Xinwei Huang, Hong Zhang, Xiaoran Guo...

Publish Year: 2018

Insulin-like growth factor 2 mRNA-binding proteins ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3708292>

Oct 16, 2012 · The insulin-like growth factor-2 mRNA-binding proteins 1, 2, and 3 (IGF2BP1, IGF2BP2, IGF2BP3) belong to a conserved family of RNA-binding, oncofetal proteins. Several studies have shown that these proteins act in various important aspects of cell function, such as cell polarization, migration ...

Cited by: 253 Author: Jessica L. Bell, Kristin Wächter, Britta Mü...

Publish Year: 2013

(PDF) Insulin-like growth factor 2 mRNA-binding protein 1 ...

https://www.researchgate.net/publication/326052960_Insulin-like_growth_factor_2_mRNA...

PDF | The insulin-like growth factor-2 mRNA-binding protein 1 (IGF2BP1) plays essential roles in embryogenesis and carcinogenesis. IGF2BP1 serves as a post-transcriptional fine-tuner regulating ...

Insulin-like growth factor 2 mRNA binding protein 2 ...

https://www.researchgate.net/publication/333146079_Insulin-like_growth_factor_2_mRNA...

Download Citation on ResearchGate | Insulin-like growth factor 2 mRNA binding protein 2 promotes aerobic glycolysis and cell proliferation in pancreatic ductal adenocarcinoma ...

MicroRNA-494 suppresses cell proliferation and induces ...

<https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1365-2184.2011.00798.x>

Next, we sought to investigate insulin-like growth factor 2 mRNA-binding protein 1 (IGF2BP1) mRNA as an miR-494 target. For this, we constructed a reporter plasmid bearing potential miR-494 binding sequences derived from the 3'-untranslated region (3'-UTR) of IGF2BP1 mRNA in the 3'-UTR of the luciferase gene.

Cited by: 151 Author: H. Ohdaira, M. Sekiguchi, K. Miyata, K. Y...

Publish Year: 2012



国内版 国际版

Insulin-like growth factor 2 mRNA-binding protein 1 promotes cell proliferation vi



Sign in



All

Images

Videos

关闭取词

7,630 Results

Any time ▾

Insulin-like growth factor 2 mRNA-binding protein 1 ...

<https://jhoonline.biomedcentral.com/articles/10.1186/s13045-018-0628-y> ▾

Jun 28, 2018 - The insulin-like growth factor-2 mRNA-binding protein 1 (IGF2BP1) plays essential roles in embryogenesis and carcinogenesis. IGF2BP1 serves as a post-transcriptional fine-tuner regulating the expression of some essential mRNA targets required for the control of tumor cell proliferation and growth, invasion, and chemo-resistance, associating with a poor overall survival and metastasis in various ...

Cited by: 9

Author: Xinwei Huang, Hong Zhang, Xiaoran Guo...

Publish Year: 2018

Author: Xinwei Huang

Insulin-like growth factor 2 mRNA-binding proteins ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3708292>

Oct 16, 2012 - The insulin-like **growth factor-2 mRNA**-binding proteins **1, 2**, and **3** (IGF2BP1, IGF2BP2, IGF2BP3) belong to a conserved family of RNA-binding, oncofetal proteins. Several studies have shown that these proteins act in various important aspects of **cell** function, such as **cell** polarization, migration ...

Cited by: 270

Author: Jessica L Bell, Kristin Wächter, Britta Mü...

Publish Year: 2013

Insulin-like growth factor 2 mRNA-binding proteins ...

<https://link.springer.com/article/10.1007/s00018-012-1186-z> ▾

Oct 16, 2012 - The insulin-like **growth factor-2 mRNA**-binding proteins **1, 2**, and **3** (gene symbols: IGF2BP1, IGF2BP2, IGF2BP3) belong to a highly conserved **protein** family, which as their name suggests can bind RNA and influence their transcript target's fate.

Cited by: 270

Author: Jessica L Bell, Kristin Wächter, Britta Mü...

Publish Year: 2013

https://www.researchgate.net/publication/326052960_Insulin-like_growth_factor_2_mRNA-binding_protein_1_IGF2BP1_in_cancer

(PDF) Insulin-like growth factor 2 mRNA-binding protein 1 ...

https://www.researchgate.net/publication/326052960_Insulin-like_growth_factor_2_mRNA...

The **insulin-like growth factor-2 mRNA**-binding protein **1** (IGF2BP1) plays essential roles in



国内版 国际版

Insulin-like growth factor 2 mRNA-binding protein 1 promotes cell proliferation via



All

Images

Videos

关闭取词

4,370 Results

Any time ▾

Insulin-like growth factor 2 mRNA-binding protein 1 ...

<https://jhoonline.biomedcentral.com/articles/10.1186/s13045-018-0628-y> ▾

Jun 28, 2018 · The insulin-like **growth factor-2 mRNA-binding protein 1** (IGF2BP1) plays essential roles in embryogenesis and carcinogenesis. IGF2BP1 serves as a post-transcriptional fine-tuner regulating the expression of some essential mRNA targets required for the control of tumor **cell proliferation** and **growth**, invasion, and chemo-resistance, associating with a poor overall survival and metastasis in ...

Cited by: 9

Author: Xinwei Huang, Hong Zhang, Xiaoran Guo, Z...

Publish Year: 2018

Insulin-like growth factor 2 mRNA-binding proteins ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3708292>

Oct 16, 2012 · The insulin-like **growth factor-2 mRNA-binding proteins 1, 2, and 3** (IGF2BP1, IGF2BP2, IGF2BP3) belong to a conserved family of RNA-binding, oncofetal proteins. Several studies have shown that these proteins act in various important aspects of **cell** function, such as **cell** polarization, migration ...

Cited by: 271

Author: Jessica L. Bell, Kristin Wächter, Britta Mühl...

Publish Year: 2013

(PDF) Insulin-like growth factor 2 mRNA-binding protein 1 ...

https://www.researchgate.net/publication/326052960_Insulin-like_growth_factor_2_mRNA...

PDF | The insulin-like **growth factor-2 mRNA-binding protein 1** (IGF2BP1) plays essential roles in embryogenesis and carcinogenesis. IGF2BP1 serves as a post-transcriptional fine-tuner regulating ...

Insulin-like growth factor 2 mRNA-binding protein 1 ...

<https://link.springer.com/article/10.1186/s13045-018-0628-y> ▾

Abstract. The insulin-like **growth factor-2 mRNA-binding protein 1** (IGF2BP1) plays essential roles in embryogenesis and carcinogenesis. IGF2BP1 serves as a post-transcriptional fine-tuner regulating the expression of some essential mRNA targets required for the control of tumor **cell proliferation** and **growth**, invasion, and chemo-resistance, associating with a poor overall survival and metastasis ...

Cited by: 9

Author: Xinwei Huang, Hong Zhang, Xiaoran Guo, Z...

Publish Year: 2018

Insulin-like growth factor 2 mRNA binding protein 2 ...

https://www.researchgate.net/publication/333146079_Insulin-like_growth_factor_2_mRNA...

Download Citation on ResearchGate | Insulin-like **growth factor 2 mRNA binding protein 2 promotes** aerobic glycolysis and **cell proliferation in pancreatic** ductal adenocarcinoma via stabilizing GLUT1 ...