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Name of Journal: *World Journal of Gastroenterology***Manuscript NO:** 42334**Manuscript Type:** ORIGINAL ARTICLE*Basic Study*

Dbx2 performs a tumor-promoting function in HCC cell lines via regulating the Shh-Gli1 pathway

Hu YT *et al.* Dbx2 in HCC proliferation and metastasis

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

Abstract**BACKGROUND**

Match Overview

1	Crossref 45 words "Abstracts", Journal of Thoracic Oncology, 2009	1%
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Activation of the hedgehog pathway in human hepatocellular ...

<https://www.ncbi.nlm.nih.gov/pubmed/16501253> ▾ [翻译此页](#)作者: S Huang - 2006 - [被引用次数: 238](#) - [相关文章](#)

(1)Department of Pharmacology and Toxicology, Sealy Center for **Cancer** Cell ... We detect expression of **Shh**, PTCH1 and **Gli1** in 115 cases of **HCC** and in 44 ...

缺少字词: dbx2 performs promoting function via regulating

[Gli1 expression and its relationship with the expression of Shh ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/22558994> ▾ [翻译此页](#)作者: QR Xu - 2012 - [被引用次数: 9](#) - [相关文章](#)

[**Gli1** expression and its relationship with the expression of **Shh**, Vimentin and ... METHODS: Paired **HCC** and normal **tumor**-adjacent tissues were collected from ... of **Gli1** were significantly up-regulated in the **HCC tumor** tissues compared to the ... be attributed to **Shh**, and **Gli1** may play an important **role** in **HCC** progression ...

缺少字词: dbx2 performs promoting via pathway

[PDF] Chapter 1 The Role of Hedgehog Pathway in Hepatocellular Carcino...

www.avidscience.com/.../the-role-of-hedgehog-pathway-in-hepatocellular-c... ▾ [翻译此页](#)作者: W Chen - 2017 - [被引用次数: 34](#) - [相关文章](#)

2017年7月21日 - signaling **pathway** successfully inhibited **tumor** growth of. Hh-associated cancers ... sion of **Shh**, Ptch1 and **Gli1** in 115 cases of **HCC** and in 44 liver tissues ... by up-regulating the protein expression of MMP-9 **via** ERK **pathway** [33]. ... shows Sulf activation **does** not only **promote** **regulated** foetal growth and ...

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2746911/> - 翻译此页

作者: XF Xu - 2009 - 被引用次数: 35 - 相关文章

2009年9月3日 - We studied the relationship of Shh-Gli1 signaling pathway with ... Human pancreatic cancer cell lines were grown in medium Purmorphamine promoted proliferation of pancreatic cancer cells [35] This suggests that the target genes of Gli1 could be found out through this analogical method in cancer.

缺少字词: dbx2 performs hcc

Sonic Hedgehog-Gli1 Signaling Pathway Regulates the Epithelial ...

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作者: X Xu - 2014 - 被引用次数: 56 - 相关文章

2014年7月29日 - These cell lines were widely used in pancreatic cancer research ... Finally lentiviral constructs were verified via DNA sequencing to ... To identify functional L-Shh and L-Gli1 constructs, we routinely It was reported that the mechanisms of Shh-Gli1 signaling pathway promoting malignant tumors involved ...

缺少字词: dbx2 performs hcc

Sonic hedgehog signaling pathway mediates development of ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/27744627> - 翻译此页

作者: H Cai - 2016 - 被引用次数: 10 - 相关文章

2016年10月15日 - Although abnormal activation of the sonic hedgehog (Shh) signaling pathway ... in most HCC cell lines, the mechanism by which the Shh pathway promotes the ... Using a liver cancer model induced by diethylnitrosamine (DEN) which ... smoothened (SMO), and glioma-associated oncogene-1 (Gli1) genes.

缺少字词: dbx2 performs hcc

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Gli1 maintains cell survival by up-regulating IGFBP6 and Bcl-2 through ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2746911/> - 翻译此页

作者: XF Xu - 2009 - 被引用次数: 35 - 相关文章

2009年9月3日 - We studied the relationship of **Shh-Gli1** signaling **pathway** with ... Human pancreatic **cancer cell lines** were grown in medium Pumorphanine **promoted** proliferation of pancreatic **cancer** cells [35] This suggests that the target genes of Gli1 could be found out **through** this analogical **method** in **cancer**.

缺少字词: dbx2 performs hepatocellular

Sonic Hedgehog-Gli1 Signaling Pathway Regulates the Epithelial ...

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作者: X Xu - 2014 - 被引用次数: 56 - 相关文章

2014年7月29日 - Our data establish a novel connection between **Shh-Gli1** signaling ... of Hh signaling **pathway** in **cancer** cells were to **promote** epithelial ... pro-metastatic **function** of S100A4 gene mediated by **Shh-Gli1** signals in pancreatic **cancer**. ... These **cell lines** were widely used in pancreatic **cancer** research [14]-[18].

缺少字词: dbx2 performs

Implication of the Hedgehog pathway in hepatocellular carcinoma

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5487497/> - 翻译此页

作者: CM Della Corte - 2017 - 被引用次数: 6 - 相关文章

HH plays a physiological **role** in embryogenesis, **through** the induction of the ... **tumour** extension and/or with good **performance** status and liver **function**[7,8]. **HCC cancer cells** were positive for **SHH** in 59% of liver tumours, for **Gli1** in 72%, ... These results **encourage** the evaluation of the inhibition of the HH **pathway** as a ...

缺少字词: dbx2

UniPROBE

the_brain.bwh.harvard.edu/uniprobe/browse.php - 翻译此页

An important **function** is to allow GC B-cells to proliferate very rapidly in response to ... Plays also a significant **role** in adipogenesis, as well as in the gluconeogenic **pathway**, liver **Regulates** FOXO1