

Name of Journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 58574

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Identification of key genes for controlling cancer stem cell characteristics in gastric cancer

Huang C *et al.* Key genes for controlling gastric cancer stem cell characteristics

Chao Huang, Ce-Gui Hu, Zhi-Kun Ning, Jun Huang, Zheng-Ming Zhu

Abstract

BACKGROUND

Self-renewal of gastric cancer stem cells (GCSCs) is considered to be the underlying cause of the metastasis, drug resistance and recurrence of gastric cancer (GC).

Match Overview

Match Number	Source	Words	Similarity
1	Internet	117 words crawled on 30-Jan-2020 www.frontiersin.org	3%
2	Crossref, Crossref Posted Content	83 words Chao Huang, Xiaojian Zhu, Jiefeng Zhao, Fanqin Bu, Jun Huang, Zhengming Zhu. "Identification of Key Genes and Mic...	2%
3	Internet	60 words crawled on 15-Feb-2020 link.springer.com	2%
4	Internet	48 words crawled on 22-Feb-2020 translational-medicine.biomedcentral.com	1%
5	Crossref	22 words Baojin Xu, Wu Lv, Xiaoyan Li, Lina Zhang, Jie Lin. "Prognostic genes of hepatocellular carcinoma based on gene coex ...	1%
6	Internet	22 words www.ncbi.nlm.nih.gov	1%
7	Internet	20 words crawled on 15-Jun-2020 peerj.com	1%
8	Internet	15 words crawled on 29-Jul-2020 tessera.spandidos-publications.com	<1%
9	Internet	12 words crawled on 05-Jan-2020 wjso.biomedcentral.com	<1%
10	Crossref	11 words Dan Yang, Yang He, Bo Wu, Yan Deng, Nan Wang, Menglin Li, Yang Liu. "Integrated bioinformatics analysis for the sc ...	<1%
11	Internet	10 words crawled on 16-May-2020 ovarianresearch.biomedcentral.com	<1%

Identification of Key Genes for Controlling Cancer Stem Cell Characterist



Sign in

ALL

IMAGES

VIDEOS

3,830,000 Results

Any time ▾

Identification of Biomarkers for Controlling Cancer Stem ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6620567>

Jul 04, 2019 · In GEO database, the expression levels of 13 **key genes** were higher in basal subtype with the highest **stem cell characteristics** than in luminal and its subtypes. AURKB and PLK1 may be regulated upstream of other **key genes**, and the **key genes** were found to be strongly correlated with each other and with upstream **genes**.

Cited by: 16

Author: Shen Pan, Yunhong Zhan, Xiaonan Chen...

Publish Year: 2019

Identification of Biomarkers for Controlling Cancer Stem ...

<https://www.frontiersin.org/articles/10.3389/fonc.2019.00613> ▾

Background: **Stem cells** characterized by self-renewal and therapeutic resistance play crucial roles in bladder **cancer** (BLCA). However, the **genes** modulating the maintenance and proliferation of BLCA **stem cells** are still unclear. In this study, we aimed to characterize the expression of **stem cell**-related **genes** in BLCA. Methods: The mRNA expression-based stemness index (mRNAsi) of The Cancer

Search Tools

Turn off Hover Translation (关闭取词)



ALL

IMAGES

VIDEOS

7,270,000 Results

Any time ▾

Identification of Biomarkers for Controlling Cancer Stem ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6620567>

Jul 04, 2019 - In GEO database, the expression levels of 13 **key genes** were higher in basal subtype with the highest **stem cell characteristics** than in luminal and its subtypes. AURKB and PLK1 may be regulated upstream of other **key genes**, and the **key genes** were found to be strongly correlated with each other and with upstream **genes**.

Cited by: 18

Author: Shen Pan, Yunhong Zhan, Xiaonan Chen,...

Publish Year: 2019

Identification of key genes controlling breast cancer stem ...

<https://pubmed.ncbi.nlm.nih.gov/32050983>

Background: With the gradual unveiling of tumour heterogeneity, **cancer stem cells** (CSCs) are now being considered the initial component of tumour initiation. However, the mechanisms of the growth and maintenance of breast cancer (BRCA) **stem cells** are still unknown. Methods: To explore the crucial **genes** modulating BRCA stemness **characteristics**, we combined the **gene expression value** and ...

Cited by: 3

Author: Jianying Pei, Yanxia Wang, Yan Li

Publish Year: 2020

Identification of key genes and pathways in gastric signet ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7052547>

Feb 26, 2020 - Diffuse type is generated by poorly cohesive **cells** without gland formation and is frequently referred to as **gastric signet ring cell carcinoma** (GSRCC). GSRCC is a histologic diagnosis based on microscopic **characteristics** as the presence of **signet ring cells** in over 50% of the **cancer cells** by the World Health Organization. These classification ...

Author: Zi-Tong Zhao, Yang Li, Hong-Yu Yuan, ... Publish Year: 2020

Identification of Biomarkers for Controlling Cancer Stem ...

<https://www.frontiersin.org/articles/10.3389/fonc.2019.00613> ▾



Introduction

Materials and Methods

Results

Discussion

Da



Bladder cancer (BLCA) is one of the most common cancers worldwide and results in ~150,000 deaths each year. The prognosis of patients with invasive BLCA is still very poor. Approximately 30% of cases of invasive BLCA are associated with occult distant metastasis at the time of diagnosis, leading to a



ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

7,490,000 Results

Any time ▾

Identification of Biomarkers for Controlling Cancer Stem ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6620567>

Jul 04, 2019 · In GEO database, the expression levels of 13 **key genes** were higher in basal subtype with the highest **stem cell characteristics** than in luminal and its subtypes. AURKB and PLK1 may be regulated upstream of other **key genes**, and the **key genes** were found to be strongly correlated with each other and with upstream **genes**.

Cited by: 18

Author: Shen Pan, Yunhong Zhan, Xiaonan Chen...

Publish Year: 2019

Identification of key genes controlling breast cancer stem ...

<https://pubmed.ncbi.nlm.nih.gov/32050983>

Background: With the gradual unveiling of tumour heterogeneity, **cancer stem cells** (CSCs) are now being considered the initial component of tumour initiation. However, the mechanisms of the growth and maintenance of breast **cancer** (BRCA) **stem cells** are still unknown. Methods: To explore the crucial **genes** modulating BRCA stemness **characteristics**, we combined the **gene** expression value and ...

Cited by: 3

Author: Jianying Pei, Yanxia Wang, Yan Li

Publish Year: 2020

Identification of key genes and pathways in gastric signet ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7052547>

Feb 26, 2020 · Diffuse type is generated by poorly cohesive **cells** without gland formation and is frequently referred to as **gastric** signet ring **cell** carcinoma (GSRCC). GSRCC is a histologic diagnosis based on microscopic **characteristics** as the presence of signet ring **cells** in over 50% of the **cancer cells** by the World Health Organization. These classification ...

Author: Zi-Tong Zhao, Yang Li, Hong-Yu Yuan... **Publish Year:** 2020

Identification of Biomarkers for Controlling Cancer Stem ...

<https://www.frontiersin.org/articles/10.3389/fonc.2019.00613> ▾