

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 48768

Manuscript Type: ORIGINAL ARTICLE

Basic Study

**Integrative analysis of the inverse expression patterns in pancreas
development and cancer progression**

Zang HL *et al.* Inverse expression patterns in pancreas cancer

Hong-Liang Zang, Guo-Min Huang, Hai-Ying Ju, Xiao-Feng Tian

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In summary, we proposed an **integrative analysis** based on the gene **expression profiles** and the reconstructed **protein-protein interaction network** for **prostate cancer**, in contrast to the conventional methods of examining **differential genes expression** or **proteins expression**.

Cited by: 11

Author: Yin Li, Wanwipa Vongsangnak, Luonan C...

Publish Year: 2014

Evolution and dynamics of pancreatic cancer progression

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3823715>

Nov 07, 2013 · **Inactivating mutations** in CDKN2A occur as early as in PanIN-2 lesions, and **inactivating mutations** in TP53 and SMAD4 in PanIN-3 lesions. Collectively, these observations support a genetic **progression model of pancreatic carcinogenesis** that leads to formation of an infiltrating **cancer**.

Cited by: 127

Author: S Yachida, C A Iacobuzio-Donahue

Publish Year: 2013

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REG in primary and metastatic cancer cells. We confirmed this pattern of gene expression by in situ hybridization and observed staining consistent with autocrine expression in the tumor cells.

[PDF] Research Paper Genome-wide DNA methylation analysis ...

[www.oncotarget.com/index.php?journal=oncotarget&page=article&op=view&path\[\]=15993&path...](http://www.oncotarget.com/index.php?journal=oncotarget&page=article&op=view&path[]=15993&path...)

pancreas development genes and epigenetic regulatory enzymes to understand their role in PC **development**. Further, we looked at the differential gene **expression patterns**, enrichment **analysis of**



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Integrative analysis of lung development–cancer expression ...

<https://www.deepdyve.com/lp/royal-society-of-chemistry/integrative-analysis-of-lung...> ▾

Feb 17, 2015 - Through **sub-pathway analysis** of the signatures with inverse expression patterns, we finally identified a 13-gene risk signature from the **cell cycle sub-pathway**, and evaluated its predictive performance for **lung cancer patient clinical** outcome using independent cohorts.

Early Epigenetic Downregulation of microRNA-192 ...

cancerres.aacrjournals.org/content/76/14/4149 ▾

Jul 15, 2016 - One way to address this problem is to identify **PDAC-associated molecular changes in pancreatic diseases** with a known predisposition to the **development of pancreatic cancer**. **Chronic pancreatitis (CP)** is an inflammation of the **pancreas** .

Cited by: 24 **Author:** Sandeep K. Botla, Soniya Savant, Soniya...

Publish Year: 2016

Identification of key regulators of pancreatic cancer ...

<https://genomemedicine.biomedcentral.com/articles/10.1186/s13073-016-0282-3> ▾

May 03, 2016 - **Survival analysis** of identified key regulators in **pancreatic cancer**. The samples were partitioned into two groups by the most contrasting **expression characteristics** for the eight **KRs** using the **SOM clustering approach**, and **survival analysis** was performed on the two clusters (Additional file 6: Figure S6; Ai. and Bi).

Published in: **Genome Medicine** - 2016

Authors: Deepa Rajamani - Deepa Rajamani - Manoj Bhasin - Manoj Bhasin

Affiliation: Beth Israel Deaconess Medical Center - Harvard University



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Feb 17, 2015 · Read "Integrative analysis of lung development–cancer expression associations reveals the roles of signatures with inverse expression patterns, Molecular BioSystems" on DeepDyve, the largest online rental service for scholarly research with thousands of academic publications available at your fingertips.

Loss of Disabled-2 Expression in Pancreatic Cancer ...

<https://www.nature.com/articles/s41598-019-43992-z>

May 17, 2019 · Loss of Disabled-2 Expression in Pancreatic Cancer Progression. ... the role of Dab2 in pancreatic cancer development and progression remains unclear. ... Integrative analysis of complex cancer ...

Author: Barbara A. Hocevar

Integrated genomic analysis of colorectal cancer ...

<https://www.nature.com/articles/onc2016170>

Jun 06, 2016 · Integrative analysis of colorectal cancer progression. (a) Summary of sample characteristics and assays run on each sample.(b) Hierarchical clustering of the gene expression ...

Cited by: 9 Author: X Qu, T Sandmann, H Frierson, L Fu, E F...

Publish Year: 2016 Author: X Qu

[PDF] Integrated genomic analysis of colorectal cancer ...

https://www.researchgate.net/publication/303827300_Integrated_genomic_analysis_of...

Integrated genomic analysis of colorectal cancer progression ... We confirmed this pattern of gene expression by in situ hybridization and observed ... The development of colorectal cancer (CRC ...