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Basic Study

Analysis of lncRNA-associated ceRNA network in GLP-1RA-mediated protection in β cells

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Abstract

BACKGROUND

Match Overview

1	Crossref 32 words Xing, Yujiao, Jianhua Fu, Haiping Yang, Li Yao, Lin Qiao, Yanna Du, and Xindong Xue. "MicroRNA expression profiles	1%
2	Internet 31 words crawled on 01-Jul-2020 www.hindawi.com	1%
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Construction and Analysis of lncRNA-Mediated ceRNA Network ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6474298>

Apr 09, 2019 · Subsequently, to reveal the expression patterns of dysregulated genes, weighted gene co-expression **network analysis** was carried out, resulting in 3 co-expression modules with significantly related clinical properties. The constructed aberrant lncRNAs-miRNAs-mRNAs CESC **ceRNA network** was composed of 17 DE miRNAs, 5 DE lncRNAs, and 7 DE mRNAs.

Cited by: 2**Author:** Weihao Chen, Xudong Chen, Yurong Wang, ...**Publish Year:** 2019

Characterization of lncRNA-Associated ceRNA Network to ...

<https://www.frontiersin.org/articles/10.3389/fbioe.2020.00266>

Apr 17, 2020 · Lung adenocarcinoma (LUAD) is one of the most fatal malignant tumors harmful to human health. The complexity and behavior characteristics of long-non-coding RNA (**lncRNA**)-associated competing endogenous RNA (**ceRNA**) **network** in LUAD patients are still unclear. The purpose of this study was to elucidate the regulatory networks of dysregulated RNAs, view, and identify potential ...

Cited by: 1**Author:** Yang Wang, Ruyi He, Lixin Ma**Publish Year:** 2020

Analysis of lncRNA-Mediated ceRNA Crosstalk and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6409312>

Mar 04, 2019 · The **analysis** of the **ceRNA network** identified 61 DE lncRNAs as functional ceRNAs whose dysregulated expression may affect the expression of oncogenes/tumor suppressor genes. Furthermore, univariate and multivariate Cox regression **analysis** revealed that 4 DE lncRNAs, 3 DE miRNAs, and 6 DE mRNAs can predict survival with high accuracy.

Cited by: 7**Author:** Yunbao Pan, Guohong Liu, Dujuan Wang, Yir...**Publish Year:** 2019

Analysis of lncRNA-mediated gene regulatory network of ...

<https://www.sciencedirect.com/science/article/pii/S0022201119303441>

Feb 01, 2020 · The frequency of lncRNA and coding transcripts was normalized to FPKMs. Using fold change ≥ 2.0 combined with P-value ≤ 0.05 as criteria, we obtained 4450 differentially expressed lncRNAs (DE lncRNAs) and 2,150 differentially expressed mRNAs (DE mRNAs). ...



9,200 Results

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[Circular RNA-Associated Competing Endogenous RNA Network ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6857072>

Nov 08, 2019 · miRNAs are a type of **endogenous non-coding RNA** that are ~19–25 nucleotides **long** and have widespread physiological activity. They influence the development, invasion, metastasis, and prognosis of various types of cancer by regulating the expression levels of oncogenes and tumor suppressor genes.

Cited by: 6**Author:** Wei Song, Tao Fu**Publish Year:** 2019

[Competing Endogenous RNA and Coexpression Network Analysis ...](#)

<https://www.hindawi.com/journals/omcl/2019/8265958> ▼

Herein, based on the expression profiles from The Cancer Genome Atlas (TCGA) database, we investigated the interactions between **long noncoding RNA** (lncRNA) and mRNA by constructing a **competing endogenous RNA network**. Several **competing endogenous** RNAs could participate in the tumorigenesis of PCa.

Cited by: 3**Author:** Xiaocong Pang, Ying Zhao, Jinhua Wang,...**Publish Year:** 2019

[Reconstruction and Analysis of the lncRNA-miRNA-mRNA ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6873784>

Nov 15, 2019 · Introduction. Chronic heart failure (CHF), a main cause of morbidity and mortality, especially in aging. CHF is a complex clinical syndrome resulting from various structural and functional impairments in ventricular filling or blood ejection (Garin et al., 2014). The lifetime risk of developing CHF has been calculated to range from 20 to 33% worldwide, and nearly half of the patients with CHF ...

Cited by: 3**Author:** Lichan Tao, Ling Yang, Xiaoli Huang, Fei ...**Publish Year:** 2019

[The long noncoding RNA neuroLNC regulates presynaptic ...](#)

<https://advances.sciencemag.org/content/5/12/eaay2670> ▼

Apr 17, 2020 · The cellular and the molecular mechanisms by which **long noncoding** RNAs (lncRNAs) may regulate presynaptic function and neuronal activity are largely unexplored. Here, we established an