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Basic Study

LncRNA TP73-AS1 promotes pancreatic cancer proliferation and metastasis  
through miRNA-128-3p/GOLM1 axis

Bin Wang<sup>1</sup>, Xing Sun<sup>1</sup>, Ke-jian Huang<sup>1</sup>, Li-sheng Zhou<sup>1</sup>, Zheng-jun Qiu<sup>1</sup>&

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TP73-AS1 knockdown suppressed NSCLC cell proliferation. Higher lncRNA TP73-AS1 levels in both NSCLC tissues and cell lines as compared to non-cancer controls suggested that lncRNA TP73-AS1 might play a key role in NSCLC tumorigenesis. To investigate the detailed functions of TP73-AS1 in NSCLC, we generated a series of functional assays.

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Jun 03, 2020 · The lncRNA TP73-AS1 promotes ovarian cancer cell proliferation and metastasis via modulation of MMP2 and MMP9. ... and invasion of pancreatic cancer cells through ...

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TP73-AS1 is always upregulated in patients with varying cancer types and different cancer cell lines, and further participates in multiple cellular events (eg, cell proliferation, apoptosis, metastasis and drug resistance) to accelerate tumor progression through multiple mechanisms including serving as miRNA sponges. 29 In this study, we ...

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3.2 **TP73-AS1** enhances PC **metastasis** by inhibiting MMP14 expression. To evaluate its role in PC, **TP73-AS1** was silenced **through** si-**TP73-AS1** transfection. RT-qPCR analysis confirmed effective **TP73-AS1**...

## Long non-coding RNA TP73-AS1 in cancers - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S0009898119321941>

Apr 01, 2020 · The **tumour protein P73 antisense RNA 1** (TP73-AS1) was initially found to be down-regulated in oligodendroglioma and may act as a non-protein-encoding RNA. Since its discovery, TP73-...

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**TP73-AS1** expression in NSCLC tissues and cell lines was determined using real-time PCR assays. The functions of **TP73-AS1** in the regulation of NSCLC cell proliferation was evaluated using BrdU assays....

Author: Xinfu Liu, Mingming Wang, Yanzhi Cui Publish Year: 2019

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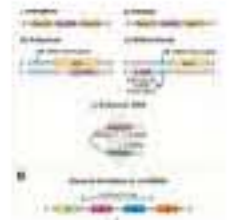
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## The long non-coding RNA TP73-AS1 modulates HCC cell ...

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Long non-coding RNAs (long ncRNAs, lncRNA) are a type of RNA, defined as being transcripts with lengths exceeding 2...



#### Non-coding RNA

A non-coding RNA (ncRNA) is an RNA molecule that is not translated into a protein. The DNA sequence from which a ...

