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Basic Study

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

Bin Wang¹, Xing Sun¹, Ke-jian Huang¹, Li-sheng Zhou¹, Zheng-jun Qiu^{1,&}

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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.

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

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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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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....

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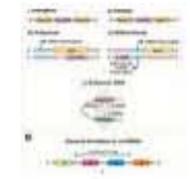
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