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Basic Study

Zinc finger E-box-binding homeobox 1 mediates aerobic glycolysis *via* suppression of sirtuin 3 in pancreatic cancer

Xu WY *et al.* ZEB1 regulates glycolysis in pancreatic cancer

Wen-Yan Xu, Qiang-Sheng Hu, Yi Qin, Bo Zhang, Wen-Sheng Liu, Quan-Xing Ni, Jin Xu, Xian-Jun Yu

Abstract

AIM

To uncover the roles of tumor-promoting gene *ZEB1* in aerobic glycolysis regulation and shed light on the underlying molecular mechanism.

Match Overview

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作者: L Tang - 2018

metabolic pathways, aiming to elucidate the interplay between the tumor cell metabolism and ... inducible factor 1), ZEB1, and STAT3, promoting cancer failure is cellular radioresistance, conferred via on anaerobic glycolysis for energy production than the targeting of CDK1-mediated phosphorylation of SIRT3.

SIRT3 & SIRT7: Potential Novel Biomarkers for Determining Outcome ...

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作者: LM McGlynn - 2015 - 被引用次数: 21 - 相关文章

2015年6月29日 - Information regarding the function of sirtuins in pancreatic cancer is sparse and equivocal. ... Conclusions Our data suggests that SIRT3 and SIRT7 possess tumour ... with Ribosome mediated protein biosynthesis (termed the MTR) [16]. activation of SIRT3, resulting in continued aerobic glycolysis, ...

缺少字词: zeb1

MiR-652 inhibits acidic microenvironment-induced epithelial ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4741853/> ▼ 翻译此页

作者: S Deng - 2015 - 被引用次数: 15 - 相关文章

2015年10月19日 - Resulted from high glycolytic rate and lactic acid production coinciding We further monitored alterations of ZEB1 expression under the different pH value conditions using ... ZEB1 mediated miR-652 function in acidity-induced EMT MiR-652 suppressed tumor progression and liver metastasis in vivo.



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作者: P Bronsert - 2014 - 被引用次数: 46 - 相关文章

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作者: HJ Schulten - 2018

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