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Authors: Yanan Zhu, Yihui Li, Chengting Dai, Lu Sun, Lianghui You, Wei De, Ning Wang, Yuanyuan Chen, Qingxin Yuan



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Inhibition of Lincpint expression affects insulin secretion and apoptosis in mouse pancreatic β cells

Yanan Zhu^{a1}, Yihui Li^{b1}, Chengting Dai^b, Lu Sun^b, Lianghui You^c, Wei De^a, Ning Wang^{a*}, Yuanyuan Chen^{a*} and Qingxin Yuan^{b*}.

^aDepartment of Biochemistry and Molecular Biology, Nanjing Medical University, Nanjing, 210029, China

^bDepartment of Endocrinology, First Affiliated Hospital of Nanjing Medical University, Nanjing, 210029, China

^cNanjing Maternity and Child Health Care Institute, Nanjing Maternity and Child Health Care Hospital Affiliated with Nanjing Medical University, Nanjing, 210029, China

*Corresponding author: Qingxin Yuan, Ning Wang, Yuanyuan Chen. Department of Endocrinology, First Affiliated Hospital of Nanjing Medical University, No. 300 Guangzhou Road, Nanjing, 210029, China; Department of Biochemistry and Molecular Biology, Nanjing Medical University, No. 140 Hanzhong road, Nanjing, 210029, China
E-mail address: yqx@njmu.edu.cn, wangning@njmu.edu.cn, yuanyuanch@njmu.edu.cn

¹ These authors contributed equally to this work.

Abstract

LncRNAs have been reported to maintain islet function and are associated with the development of diabetes. Here, we investigated Lincpint biological functions in mouse pancreatic β cells both in vivo and in vitro. We observed that Lincpint was highly expressed in BALB/c mouse islets and downregulated in db/db mouse islets by using qRT-PCR. Lincpint could be regulated by different concentrations of glucose in MIN6 cells. MTT and flow cytometry showed that silencing Lincpint expression in vitro

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