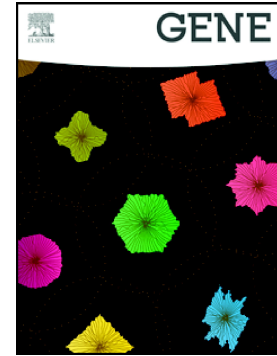


## Accepted Manuscript

Association of rs2271037 and rs3749585 polymorphisms in CORIN with susceptibility to hypertension in a Chinese Han population: A case-control study

Yan-li Chen, Tie-jun Li, Ying Hao, Bao-gang Wu, Hong Li, Ning Geng, Zhao-qing Sun, Li-qiang Zheng, Ying-xian Sun



PII: S0378-1119(18)30101-X  
DOI: <https://doi.org/10.1016/j.gene.2018.01.080>  
Reference: GENE 42530  
To appear in: *Gene*  
Received date: 16 August 2017  
Revised date: 12 January 2018  
Accepted date: 24 January 2018

Please cite this article as: Yan-li Chen, Tie-jun Li, Ying Hao, Bao-gang Wu, Hong Li, Ning Geng, Zhao-qing Sun, Li-qiang Zheng, Ying-xian Sun , Association of rs2271037 and rs3749585 polymorphisms in CORIN with susceptibility to hypertension in a Chinese Han population: A case-control study. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Gene*(2017), <https://doi.org/10.1016/j.gene.2018.01.080>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Association of rs2271037 and rs3749585 polymorphisms in *CORIN*  
with susceptibility to hypertension in a Chinese Han population: a  
case-control study

Yan-li Chen<sup>a</sup>, Tie-jun Li<sup>b</sup>, Ying Hao<sup>c</sup>, Bao-gang Wu<sup>d</sup>, Hong Li<sup>b</sup>, Ning Geng<sup>b</sup>, Zhao-qing Sun<sup>b</sup>, Li-qiang Zheng<sup>e</sup>,  
Ying-xian Sun<sup>a\*</sup>

<sup>a</sup> Department of Cardiology, The First Hospital of China Medical University, Shenyang, Liaoning, PR China

<sup>b</sup> Department of Cardiology, Shengjing Hospital of China Medical University, Shenyang, Liaoning, PR China

<sup>c</sup> Department of Geriatrics, Jinqiu Hospital, Shenyang, Liaoning, PR China

<sup>d</sup> Department of Geriatrics, Shengjing Hospital of China Medical University, Shenyang, Liaoning, PR China

<sup>e</sup> Department of Clinical Epidemiology, Library, Shengjing Hospital of China Medical University, Shenyang, Liaoning, PR China

\*Corresponding author: Sun Yingxian, Department of Cardiology, The First Hospital of China Medical University, 155 Nanjing street, Heping District, Shenyang City, Liaoning 110001, PR China. Tel: +86-24-83282688; E-mail: yxsun@cmu.edu.cn

## Abstract

Corins are membrane-bound protease that regulates blood pressure by activating the natriuretic peptides. These pro-atrial natriuretic peptide convertases are essential for sodium homeostasis and normal blood pressure.

*CORIN* variants have been identified in humans and other animals, but no studies of *CORIN* polymorphisms have been conducted in northeastern China.

This study aims to investigate the association of 2 single nucleotide polymorphisms (SNPs) in *CORIN* (rs2271037 and rs3749585) with

Download English Version:

<https://daneshyari.com/en/article/8645426>

Download Persian Version:

<https://daneshyari.com/article/8645426>

[Daneshyari.com](https://daneshyari.com)