

## Accepted Manuscript

Genome-wide identification of lectin receptor kinases in pear:  
Functional characterization of the L-type LecRLK gene  
PbLRK138

Na Ma, Chunxiao Liu, Hui Li, Jinyan Wang, Baolong Zhang, Jing  
Lin, Youhong Chang



PII: S0378-1119(18)30324-X  
DOI: doi:[10.1016/j.gene.2018.03.077](https://doi.org/10.1016/j.gene.2018.03.077)  
Reference: GENE 42699

To appear in: *Gene*

Received date: 22 November 2017  
Revised date: 13 March 2018  
Accepted date: 26 March 2018

Please cite this article as: Na Ma, Chunxiao Liu, Hui Li, Jinyan Wang, Baolong Zhang, Jing Lin, Youhong Chang , Genome-wide identification of lectin receptor kinases in pear: Functional characterization of the L-type LecRLK gene PbLRK138. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Gene*(2017), doi:[10.1016/j.gene.2018.03.077](https://doi.org/10.1016/j.gene.2018.03.077)

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.

# Genome-wide identification of lectin receptor kinases in pear: functional characterization of the L-type LecRLK gene *PbLRK138*

Na Ma<sup>a,1</sup>, Chunxiao Liu<sup>a,1</sup>, Hui Li<sup>a</sup>, Jinyan Wang<sup>b</sup>, Baolong Zhang<sup>b</sup>, Jing Lin<sup>a</sup> and Youhong Chang<sup>a,\*</sup>

<sup>a</sup> Institute of Pomology, Jiangsu Academy of Agricultural Sciences/Jiangsu Key Laboratory for Horticultural Crop Genetic Improvement, Nanjing, 210014, China,

<sup>b</sup> Institute of Germplasm and Biotechnology, Jiangsu Academy of Agricultural Sciences, Nanjing, 210014, China

\*Corresponding author: Youhong Chang jaaschang@163.com

<sup>1</sup> These authors have contributed equally to this work.

Na Ma mn506381141@163.com

Chunxiao Liu chuntianxiaozi@163.com

Hui Li liuhui7904@163.com

Jinyan Wang wangjinyan24@163.com

Baolong Zhang zhbl2248@hotmail.com

Jing Lin lj84390224@126.com

Youhong Chang jaaschang@163.com

**Abbreviation:** LecRLKs, Lectin receptor-like kinases; EGF, epidermal growth factor; PAN, plasminogen-apple-nematode; NJ, neighbor-joining; MS, Murashige and Skoog; qPCR, quantitative reverse transcription PCR; GFP, green fluorescent protein; PR, pathogenesis related

Download English Version:

<https://daneshyari.com/en/article/8645083>

Download Persian Version:

<https://daneshyari.com/article/8645083>

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