

## Accepted Manuscript

Title: MANIPULATION OF *VviAGL11* EXPRESSION  
CHANGES THE SEED CONTENT IN GRAPEVINE (*Vitis  
vinifera* L.)

Authors: Jaiana Malabarba, Vanessa Buffon, Jorge E.A.  
Mariath, Felipe S. Maraschin, Márcia Margis-Pinheiro,  
Giancarlo Pasquali, Luís F. Revers



PII: S0168-9452(17)30867-1  
DOI: <https://doi.org/10.1016/j.plantsci.2018.01.013>  
Reference: PSL 9736

To appear in: *Plant Science*

Received date: 15-9-2017  
Revised date: 22-1-2018  
Accepted date: 27-1-2018

Please cite this article as: Jaiana Malabarba, Vanessa Buffon, Jorge E.A.Mariath, Felipe S.Maraschin, Márcia Margis-Pinheiro, Giancarlo Pasquali, Luís F.Revers, MANIPULATION OF *VviAGL11* EXPRESSION CHANGES THE SEED CONTENT IN GRAPEVINE (*Vitis vinifera* L.), *Plant Science* <https://doi.org/10.1016/j.plantsci.2018.01.013>

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.

**Title**

**MANIPULATION OF *VviAGL1* EXPRESSION CHANGES THE SEED CONTENT IN GRAPEVINE (*Vitis vinifera* L.)**

**Short-title**

*VviAGL1-dependent seedlessness in grapevine*

**Authors**

Jaiana Malabarba<sup>1,2</sup>, Vanessa Buffon<sup>2</sup>, Jorge E. A. Mariath<sup>3</sup>, Felipe S. Maraschin<sup>3</sup>, Márcia Margis-Pinheiro<sup>1</sup>, Giancarlo Pasquali<sup>1</sup>, Luís F. Revers<sup>2,‡, †</sup>

**L.F.R and J.M. conceived original screenings, research plans, designed experiments and analyzed resulting data; L.F.R, V.B., F.S.M, M.M.P, G.P. and J.E.A.M. supervised experiments and writing; J.M. and V.B. performed most experiments; F.S.M and J.E.A.M. provided technical assistance. J.M. wrote the article with contributions from all authors.**

<sup>1</sup>Graduate Program in Cell and Molecular Biology, Center for Biotechnology, Federal University of Rio Grande do Sul, Porto Alegre, RS, 91501-970, Brazil

<sup>2</sup>Laboratory of Plant Molecular Genetics, Embrapa Uva e Vinho, Bento Gonçalves, RS, 95701-008, Brazil

<sup>3</sup>Graduate Program in Botany, Botany Department, Institute for Bioscience, Federal University of Rio Grande do Sul, Porto Alegre, RS, 91501-970, Brazil

<sup>†</sup> **Current address:** Laboratory of Plant Molecular Genetics, Embrapa Uva e Vinho, Empresa Brasileira de Pesquisa Agropecuária, Rua Livramento, 515, P.O. Box 130, CEP: 95700-000, Bento Gonçalves, RS, Brazil

<sup>‡</sup> **To whom correspondence should be addressed.** E-mail: luis.revers@embrapa.br  
Tel: +55 54 3455 8039

**Number of figures: 3**

**Number of tables: 1**

**Number of supplementary figures: 5**

**Number of supplementary videos: 1**

Download English Version:

<https://daneshyari.com/en/article/8356750>

Download Persian Version:

<https://daneshyari.com/article/8356750>

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