

## Accepted Manuscript

BAG3 regulates contractility and  $\text{Ca}^{2+}$  homeostasis in adult mouse ventricular myocytes

Arthur M. Feldman, Jennifer Gordon, JuFang Wang, Jianliang Song, Xue-Qian Zhang, Valerie D. Myers, Douglas G. Tilley, Erhe Gao, Nicholas E. Hoffman, Dhanendra Tomar, Muniswamy Madesh, Joseph Rabinowitz, Walter J. Koch, Feifei Su, Kamel Khalili, Joseph Y. Cheung

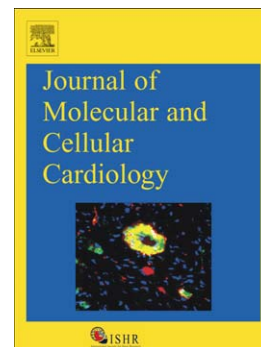
PII: S0022-2828(16)30015-3  
DOI: doi: [10.1016/j.yjmcc.2016.01.015](https://doi.org/10.1016/j.yjmcc.2016.01.015)  
Reference: YJMCC 8315

To appear in: *Journal of Molecular and Cellular Cardiology*

Received date: 23 October 2015  
Revised date: 14 January 2016  
Accepted date: 17 January 2016

Please cite this article as: Feldman Arthur M., Gordon Jennifer, Wang JuFang, Song Jianliang, Zhang Xue-Qian, Myers Valerie D., Tilley Douglas G., Gao Erhe, Hoffman Nicholas E., Tomar Dhanendra, Madesh Muniswamy, Rabinowitz Joseph, Koch Walter J., Su Feifei, Khalili Kamel, Cheung Joseph Y., BAG3 regulates contractility and  $\text{Ca}^{2+}$  homeostasis in adult mouse ventricular myocytes, *Journal of Molecular and Cellular Cardiology* (2016), doi: [10.1016/j.yjmcc.2016.01.015](https://doi.org/10.1016/j.yjmcc.2016.01.015)

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.



BAG3 regulates contractility and Ca<sup>2+</sup> homeostasis in adult mouse ventricular myocytes

Arthur M. Feldman<sup>2,3</sup>, Jennifer Gordon<sup>4</sup>, JuFang Wang<sup>1</sup>, Jianliang Song<sup>1</sup>, Xue-Qian Zhang<sup>1</sup>, Valerie D. Myers<sup>3</sup>, Douglas G. Tilley<sup>1</sup>, Erhe Gao<sup>1</sup>, Nicholas E. Hoffman<sup>1</sup>, Dhanendra Tomar<sup>1</sup>, Muniswamy Madesh<sup>1</sup>, Joseph Rabinowitz<sup>1</sup>, Walter J. Koch<sup>1</sup>, Feifei Su<sup>3,5</sup>, Kamel Khalili<sup>4</sup>, and Joseph Y. Cheung<sup>1,2</sup>

<sup>1</sup>Center of Translational Medicine, <sup>2</sup>Department of Medicine, <sup>3</sup>Cardiovascular Research Center, <sup>4</sup>Comprehensive NeuroAIDS Center, Temple University School of Medicine, Philadelphia, PA 19140, and <sup>5</sup>Department of Cardiology, Tangdu Hospital, the Fourth Military Medical University, Xi'an, China.

Running Title: BAG3 and myocyte contractility

Address correspondence to:  
Joseph Y. Cheung, M.D., Ph.D.  
3401 N. Broad Street, Suite 807  
Philadelphia, PA 19140  
Email. [Joseph.cheung@tuhs.temple.edu](mailto:Joseph.cheung@tuhs.temple.edu)  
Tel. 215-707-5069  
Fax. 215-707-4756

Download English Version:

<https://daneshyari.com/en/article/8473908>

Download Persian Version:

<https://daneshyari.com/article/8473908>

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