Accepted Manuscript

The reversal effect of physical exercise on aging-related increases in APPL2 content in skeletal muscle

Paulo Henrique Canciglieri, Gabriel Keine Kuga, Vitor Rosetto Muñoz, Rafael Calais Gaspar, Alisson Luiz da Rocha, Leonardo Breda, Chadi Pellegrini Anaruma, Luciele Guerra Minuzzi, Adelino Sanchez Ramos da Silva, Dennys Esper Cintra, Leandro Pereira de Moura, Eduardo Rochete Ropelle, José Rodrigo Pauli



PII: S0024-3205(18)30542-3

DOI: doi:10.1016/j.lfs.2018.09.006

Reference: LFS 15927

To appear in: Life Sciences

Received date: 28 June 2018
Revised date: 14 August 2018
Accepted date: 2 September 2018

Please cite this article as: Paulo Henrique Canciglieri, Gabriel Keine Kuga, Vitor Rosetto Muñoz, Rafael Calais Gaspar, Alisson Luiz da Rocha, Leonardo Breda, Chadi Pellegrini Anaruma, Luciele Guerra Minuzzi, Adelino Sanchez Ramos da Silva, Dennys Esper Cintra, Leandro Pereira de Moura, Eduardo Rochete Ropelle, José Rodrigo Pauli, The reversal effect of physical exercise on aging-related increases in APPL2 content in skeletal muscle. Lfs (2018), doi:10.1016/j.lfs.2018.09.006

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.

The reversal effect of physical exercise on aging-related increases in APPL2 content in skeletal muscle

Paulo Henrique Canciglieri * ¹, Gabriel Keine Kuga * ², Vitor Rosetto Muñoz ¹, Rafael Calais Gaspar ¹, Alisson Luiz da Rocha ³, Leonardo Breda ¹, Chadi Pellegrini Anaruma ², Luciele Guerra Minuzzi ¹, Adelino Sanchez Ramos da Silva ³, Dennys Esper Cintra ^{4 5}, Leandro Pereira de Moura ^{1 2 5 6}, Eduardo Rochete Ropelle ^{1 5 6}, José Rodrigo Pauli ^{1 5 6}

Corresponding author: José Rodrigo Pauli Ph.D., School of Applied Sciences,

^{*} These authors contributed equally to this work.

¹ Laboratory of Molecular Biology of Exercise (LaBMEx). School of Applied Sciences, University of Campinas (UNICAMP), Limeira – SP, Brazil.

² Post-graduate Program in Movement Sciences, São Paulo State University (UNESP), Rio Claro – SP, Brazil.

³ School of Physical Education and Sport of Ribeirao Preto, University of Sao Paulo, Ribeirao Preto – SP, Brazil.

⁴ Laboratory of Nutritional Genomics (LabGeN). School of Applied Sciences, University of Campinas (UNICAMP), Limeira – SP, Brazil.

⁵ Laboratory of Cell Signaling, Obesity and Comorbidities Research Center (OCRC), University of Campinas, Campinas – SP, Brazil

⁶ CEPECE - Center of Research in Sport Sciences. School of Applied Sciences, University of Campinas (UNICAMP), Limeira – SP, Brazil.

Download English Version:

https://daneshyari.com/en/article/10137632

Download Persian Version:

https://daneshyari.com/article/10137632

<u>Daneshyari.com</u>