Accepted Manuscript

Early onset disc degeneration in SM/J mice is associated with ion transport systems and fibrotic changes



Ying Zhang, Chi Xiong, Mateusz Kudelko, Yan Li, Cheng Wang, Yuk Lun Wong, Vivian Tam, Muhammad Farooq Rai, James Cheverud, Heather A. Lawson, Linda Sandell, Wilson C.W. Chan, Kathryn S.E. Cheah, Pak C. Sham, Danny Chan

PII:	S0945-053X(18)30076-3
DOI:	doi:10.1016/j.matbio.2018.03.024
Reference:	MATBIO 1474
To appear in:	
Received date:	9 February 2018
Revised date:	30 March 2018
Accepted date:	30 March 2018

Please cite this article as: Ying Zhang, Chi Xiong, Mateusz Kudelko, Yan Li, Cheng Wang, Yuk Lun Wong, Vivian Tam, Muhammad Farooq Rai, James Cheverud, Heather A. Lawson, Linda Sandell, Wilson C.W. Chan, Kathryn S.E. Cheah, Pak C. Sham, Danny Chan, Early onset disc degeneration in SM/J mice is associated with ion transport systems and fibrotic changes. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Matbio(2017), doi:10.1016/j.matbio.2018.03.024

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.

ACCEPTED MANUSCRIPT

Early onset disc degeneration in SM/J mice is associated with ion transport systems and fibrotic changes

Ying Zhang^{1,*}, Chi Xiong^{1,*}, Mateusz Kudelko¹, Yan Li², Cheng Wang¹, Yuk Lun Wong¹, Vivian Tam¹, Muhammad Farooq Rai⁴, James Cheverud⁵, Heather A Lawson⁶, Linda Sandell⁴, Wilson CW Chan^{1,3}, Kathryn SE Cheah¹, Pak C. Sham², Danny Chan^{1,3}

¹ School of Biomedical Sciences, The University of Hong Kong, Pokfulam, Hong Kong SAR, China

² Centre for Genomic Sciences, The University of Hong Kong, Pokfulam, Hong Kong SAR, China

³ The University of Hong Kong - Shenzhen Institute of Research and Innovation (HKU-SIRI), Hi-Tech Industrial Park, Nanshan, Shenzhen, China

⁴ Department of Orthopaedic Surgery, Washington University, St. Louis, Missouri 63110 USA

- ⁵ Department of Biology, Loyola University of Chicago, IL 60660 USA
- ⁶ Department of Genetics, Washington University, St. Louis, Missouri 63110 USA
- * These authors contributed equally

Corresponding author

Professor Danny Chan School of Biomedical Sciences, LKS Faculty of Medicine The University of Hong Kong 21 Sassoon Road, Pokfulam, Hong Kong SAR, China Email: Chand@hku.hku Phone: +(852)39179240 Fax: +(852)28551254 Download English Version:

https://daneshyari.com/en/article/8454965

Download Persian Version:

https://daneshyari.com/article/8454965

Daneshyari.com