Accepted Manuscript

Layilin is critical for mediating hyaluronan 35 kDa-induced intestinal epithelial tight junction protein ZO-1 *in vitro* and *in vivo*

Yeojung Kim, Gail A. West, Greeshma Ray, Sean P. Kessler, Aaron C. Petrey, Claudio Fiocchi, Christine McDonald, Michelle S. Longworth, Laura E. Nagy, Carol A. de la Motte

PII: S0945-053X(17)30173-7
DOI: doi:10.1016/j.matbio.2017.09.003
Reference: MATBIO 1358

To appear in: *Matrix Biology*

Received date: 27 June 2017
Revised date: 14 September 2017
Accepted date: 16 September 2017

Please cite this article as: Kim, Yeojung, West, Gail A., Ray, Greeshma, Kessler, Sean P., Petrey, Aaron C., Fiocchi, Claudio, McDonald, Christine, Longworth, Michelle S., Nagy, Laura E., de la Motte, Carol A., Layilin is critical for mediating hyaluronan 35 kDa-induced intestinal epithelial tight junction protein ZO-1 *in vitro* and *in vivo*, *Matrix Biology* (2017), doi:10.1016/j.matbio.2017.09.003

Title: Layilin is critical for mediating hyaluronan 35 kDa-induced intestinal epithelial tight junction protein ZO-1 *in vitro* and *in vivo*

Authors: Yeojung Kim[1], Gail A. West[1], Greeshma Ray[2], Sean P. Kessler[1], Aaron C Petrey[1], Claudio Fiocchi, Christine McDonald[1], Michelle S. Longworth[2], Laura E. Nagy[1], Carol A. de la Motte[1]

Affiliations:

[1]Department of Pathobiology, Lerner Research Institute, Cleveland Clinic Foundation, Cleveland, OH

[2] Department of Molecular Genetics, Lerner Research Institute, Cleveland Clinic Foundation, Cleveland , OH

Corresponding author: Carol A. de la Motte, [1]Department of Pathobiology, Lerner Research Institute, Cleveland Clinic Foundation, Cleveland, OH 44195, USA, Tel: (216) 444-5374, Fax: (216) 636-0104, E-mail: delamoc@ccf.org