Deletion of liver-specific STAT5 gene alters the expression of bile acid metabolism genes and reduces liver damage in lithogenic diet-fed mice

Myunggi Baik, Jangseon Kim, Min Yu Piao, Hyeok Joong Kang, Seung Ju Park, Sang Weon Na, Sung-Hoon Ahn, Jae-Hyuk Lee

PII: S0955-2863(16)30577-0
DOI: doi: 10.1016/j.jnutbio.2016.09.012
Reference: JNB 7654

To appear in: *The Journal of Nutritional Biochemistry*

Received date: 17 February 2016
Revised date: 6 September 2016
Accepted date: 6 September 2016

Please cite this article as: Baik Myunggi, Kim Jangseon, Piao Min Yu, Kang Hyeok Joong, Park Seung Ju, Na Sang Weon, Ahn Sung-Hoon, Lee Jae-Hyuk, Deletion of liver-specific STAT5 gene alters the expression of bile acid metabolism genes and reduces liver damage in lithogenic diet-fed mice, *The Journal of Nutritional Biochemistry* (2016), doi: 10.1016/j.jnutbio.2016.09.012

Deletion of liver-specific STAT5 gene alters the expression of bile acid metabolism genes and reduces liver damage in lithogenic diet-fed mice☆

Myunggi Baik[a,b,1,*], Jangseon Kim[c,1], Min Yu Piao[a], Hyeok Joong Kang[a], Seung Ju Park[a], Sang Weon Na[a], Sung-Hoon Ahn[d], Jae-Hyuk Lee[e]

[a]*Department of Agricultural Biotechnology and Research Institute of Agriculture and Life Sciences, College of Agriculture and Life Sciences, Seoul National University, 1 Gwanak-ro, Gwanak-gu, Seoul 151-921, Republic of Korea*

[b]*Institute of Green Bio Science Technology, Gangwon-do, Pyeungchang-gun, 232-916, Republic of Korea*

[c]*Bioneer Corporation, 8-11 Munpyengseoro, Daedeok-gu, Daejeon 306-220, Republic of Korea*

[d]*Collge of Pharmacy, Kangwon National University, Chuncheon, Republic of Koerea*

[e]*Department of Pathology, Chonnam National University Medical School, Gwangju 501-746, Republic of Korea*

[*]Corresponding Author. Department of Agricultural Biotechnology, Seoul National University, 1 Gwanak-ro, Gwanak-gu, Seoul 151-921, Republic of Korea

Phone: +82 2 880 4809; Fax: +82 2 873 2271

Email address: mgbaik@snu.ac.kr (M. Baik).