## Accepted Manuscript

Core Fucosylation on T cells, Required for Activation of T-cell Receptor Signaling and Induction of Colitis in Mice, is Increased in Patients with Inflammatory Bowel Disease

Hironobu Fujii, Shinichiro Shinzaki, Hideki Iijima, Kana Wakamatsu, Chizuru Iwamoto, Tomoaki Sobajima, Ryusuke Kuwahara, Satoshi Hiyama, Yoshito Hayashi, Shinji Takamatsu, Naofumi Uozumi, Yoshihiro Kamada, Masahiko Tsujii, Naoyuki Taniguchi, Tetsuo Takehara, Eiji Miyoshi

 PII:
 S0016-5085(16)00297-3

 DOI:
 10.1053/j.gastro.2016.03.002

 Reference:
 YGAST 60348

To appear in: *Gastroenterology* Accepted Date: 1 March 2016

Please cite this article as: Fujii H, Shinzaki S, Iijima H, Wakamatsu K, Iwamoto C, Sobajima T, Kuwahara R, Hiyama S, Hayashi Y, Takamatsu S, Uozumi N, Kamada Y, Tsujii M, Taniguchi N, Takehara T, Miyoshi E, Core Fucosylation on T cells, Required for Activation of T-cell Receptor Signaling and Induction of Colitis in Mice, is Increased in Patients with Inflammatory Bowel Disease, *Gastroenterology* (2016), doi: 10.1053/j.gastro.2016.03.002.

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.



## Core Fucosylation on T cells, Required for Activation of T-cell Receptor Signaling and Induction of Colitis in Mice, is Increased in Patients with Inflammatory Bowel Disease

Hironobu Fujii<sup>1,\*</sup>, Shinichiro Shinzaki<sup>2,\*</sup>, Hideki Iijima<sup>2,\*</sup>, Kana Wakamatsu<sup>1</sup>, Chizuru Iwamoto<sup>1</sup>, Tomoaki Sobajima<sup>1</sup>, Ryusuke Kuwahara<sup>3</sup>, Satoshi Hiyama<sup>2</sup>, Yoshito Hayashi<sup>2</sup>, Shinji Takamatsu<sup>1</sup>, Naofumi Uozumi<sup>1</sup>, Yoshihiro Kamada<sup>1,2</sup>, Masahiko Tsujii<sup>2</sup>, Naoyuki Taniguchi<sup>4</sup>, Tetsuo Takehara<sup>2</sup>, Eiji Miyoshi<sup>1</sup>.

<sup>1</sup>Department of Molecular Biochemistry and Clinical Investigation, <sup>2</sup>Department of Gastroenterology and Hepatology, Osaka University Graduate School of Medicine, <sup>3</sup>Research Center for Ultra-High Voltage Electron Microscopy, Osaka University, <sup>4</sup>Disease Glycomics Team, RIKEN.

\* These authors equally contributed to this work

## Short title:

Core fucosylation and colitis

Download English Version:

## https://daneshyari.com/en/article/6091937

Download Persian Version:

https://daneshyari.com/article/6091937

Daneshyari.com