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22 Oct 2010 ... Differential **expression** of colonic **TLR2** and **TLR4** along the ... the **structure** and function of **mucosa**-associated microbial populations. ... T-RFLP **analysis** of microbial **communities** in mouse colonic tissue and stool samples. ... **microbiota** of distal colon versus proximal colon and **feces** remained consistent.

[\[PDF\] Distinct commensal bacteria associated with ingesta and mucosal ...](#)

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environment, and **their** diet (Mackie et al., 1999). The ... found in **feces**, and such **microbiota** influenced **TLR2** and **TLR4 expression** on epithelial cells in mice (Zoeten- ... However, our **under-** ... **distinct community** from bacteria inhabiting the ingesta, ... **analysis**. GIT **mucosal** tissue and ingesta sample collection from chicken.

[Taxonomic Identification of Ruminal Epithelial Bacterial Diversity ...](#)

aem.asm.org/content/81/10/3502.full

Ruminal epithelial bacteria are **distinctly** different at the taxonomic level from ... Total DNA was extracted from the 17 rumen **mucosal** tissue samples using the ... Principal coordinate **analysis** (PCoA) of microbial **communities** (jackknifed **microbiota** determine physiological **expression** of **TLR2** and **TLR4** in murine colon.

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23 Jul 2012 ... The intestinal **microbiota** provides many benefits for **its** host. ... the **structure** of the **microbiota** within one day (Turnbaugh et al., 2009b). ... of the intestinal **microbiota** of mice

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 34845

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Analysis of faecal and mucosal microbiota and their correlation with
TLR2/TLR4 expression

Li-Na Dong, Jun-Ping Wang, Ping Liu, Yun-Feng Yang, Jing Feng, Yi Han

Abstract

AIM

To investigate the intestinal luminal microbiota (LM) and mucosa-associated

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M Vijay-Kumar, JD Aitken, FA Carvalho... - ..., 2010 - science.sciencemag.org

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R Kellermayer, SE Dowd, RA Harris, A Balasa... - The FASEB Journal, 2011 - FASEB

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II Ivanov, R de Llanos Frutos, N Manel, K Yoshinaga... - Cell host & ..., 2008 - Elsevier

... A total of six SPF, seven GF, and seven SPF reconstituted GF mice were analyzed. ... Lines represent the two populations being compared for the statistical analysis ... in the LP was due to the changes

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Toll-like receptors in inflammatory bowel diseases: A decade later

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