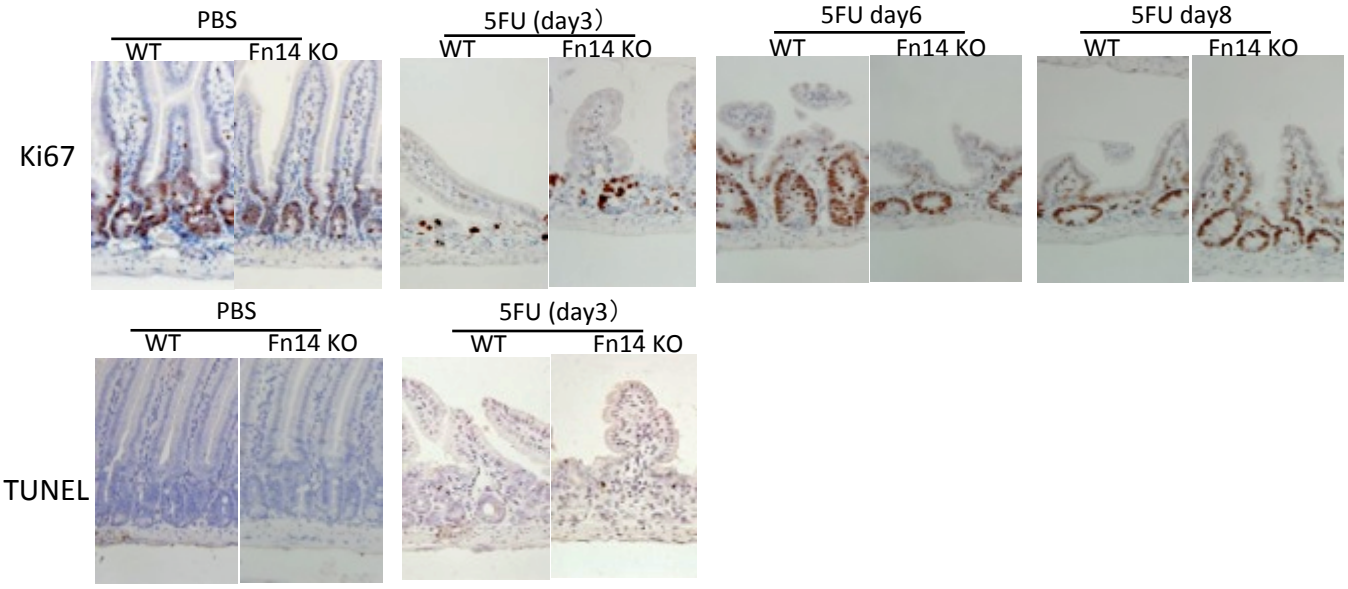
Supplementary Material for

ESPS Manuscript NO: 31616

Title: Disruption of the TWEAK/Fn14 pathway prevents 5-fluorouracil-induced diarrhea in mice.

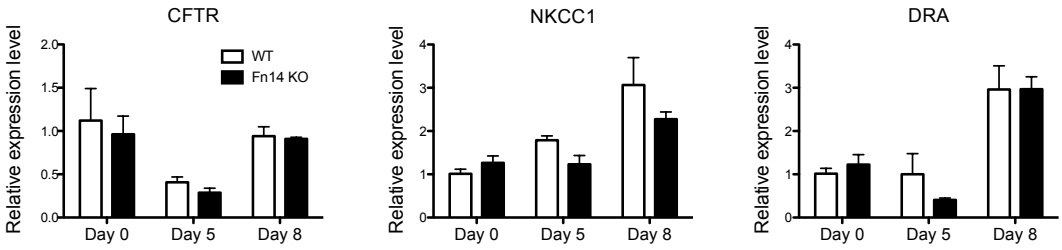
Authors List: Takuhito Sezaki, Yuki Hirata, Teruki Hagiwara, Yuki I Kawamura, Tadashi Okamura, Rieko Takanashi, Kenta Nakano, Miwa Tamura-Nakano, Linda C Burkly and Taeko Dohi

Supplementary Figure 1.



Supplementary Figure 1. EC proliferation and apoptosis after 5-FU administration
Fn14 KO and WT mice were injected with 5-FU. Formalin-fixed paraffin-embedded sections of jejunum obtained on indicated time was stained with anti-Ki67 antibody or TdT-mediated dUTP nick end labeling (TUNEL) kit.

Supplementary Figure 2



Supplementary Figure 2. Expression of transporter genes in 5-FU-treated genes.
Fold changes of CFTR, NKCC1, and DRA mRNA in total ileum from WT or Fn14 KO mice after 5-FU treatment (N = 3 mice per group). Data are shown as mean ± SD.