Supplement data

Disruption of GPR35 Exacerbates Dextran Sulfate Sodium-induced Colitis in Mice

^{1#}Shukkur M Farooq, PhD; ^{2#}Yuning Hou, PhD; ^{1#}Hainan Li, MS; ¹Megan O'Meara,

¹Yihan Wang, MS, ^{2*}Chunying Li, PhD; ^{1, 3*}Jie-Mei Wang, MD PhD.

¹ Department of Pharmaceutical Sciences, Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University, Detroit, MI; ²Center for Molecular and Translational Medicine, Georgia State University, Atlanta, GA. ³Centers for Molecular Medicine and Genetics, Karmanos Cancer Institute, Wayne State University, Detroit, MI.

Running Title: GPR35 in DSS-induced Colitis

#: Shukkur M Farooq, Hainan Li, and Yuning Hou contributed equally to this manuscript.

Supplemental Figure 1. GPR35 expression in the colon mucosa of GPR35^{+/+} and GPR35^{-/-} mice.



Total RNA was extracted from colonic mucosa in mice. Quantitative real-time-PCR (qPCRs) were performed using β -actin as internal control for each sample. QPCRamplified products analyzed by agarose gel electrophoresis are shown in the lower panel. N (GPR35^{+/+} alone) = 5, n (GPR35^{-/-} alone) = 3, n (GPR35^{+/+} + DSS) = 5, n (GPR35^{-/-} + DSS) = 4.