

Supplementary materials

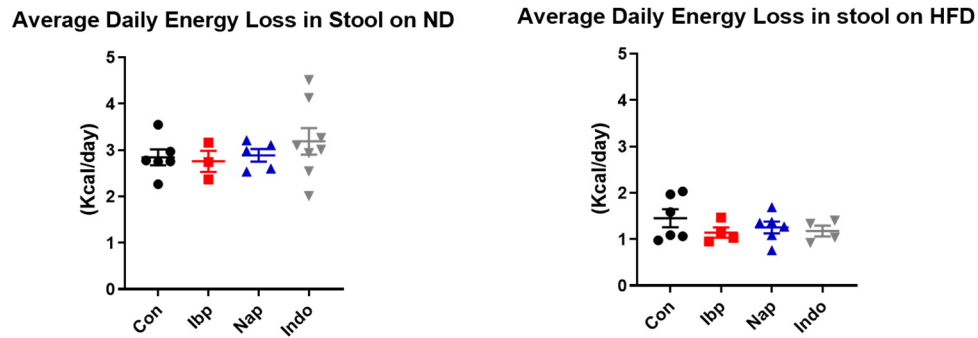


Figure S1. Prolonged treatment with variable NSAIDs over 6 weeks has no effect on calorie absorption. Average daily energy loss in stool expressed in (Kcal/day) after 6 weeks of oral gavage with PBS (Con), ibuprofen (Ibp), naproxen, (Nap), or indomethacin (Indo) in C57 Blc/6J male mice placed on either normal diet (ND) or high-fat diet (HFD). All results are presented as mean $\pm$ SEM (error bars). Student's t test was used to compared means of each NSAID group to the control group. $n = 6$ (Con), 4 (Ibp), 5-6 (Nap), and 4-7 (Indo).

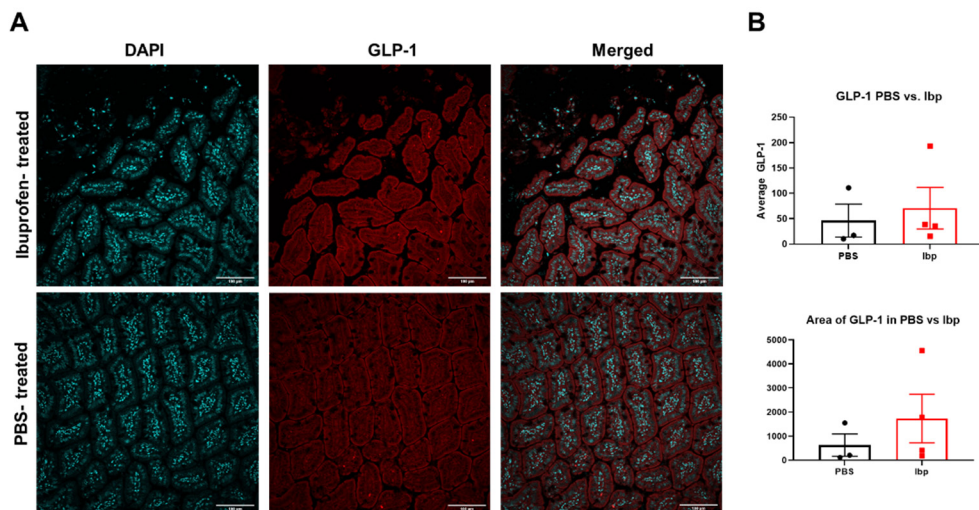


Figure S2. Representative field of view of GLP-1 Immunofluorescence staining in mice ileum. (A) Confocal images of GLP-1 staining within the ileum of ibuprofen vs. placebo-treated mice (during fasting state). All images are 20 $\times$ objective lens magnification with 1024 $\times$ 1024 pixels scan format, spanning 100 μ m. (B) GLP-1 quantification and area in ibuprofen treated mouse and PBS treated; $n = 3$ (PBS), and 4 (Ibp).