

Supplemental Table 1. Final body weights and colon lengths of Wt and *Fat-1* saline control and TNBS-treated mice¹

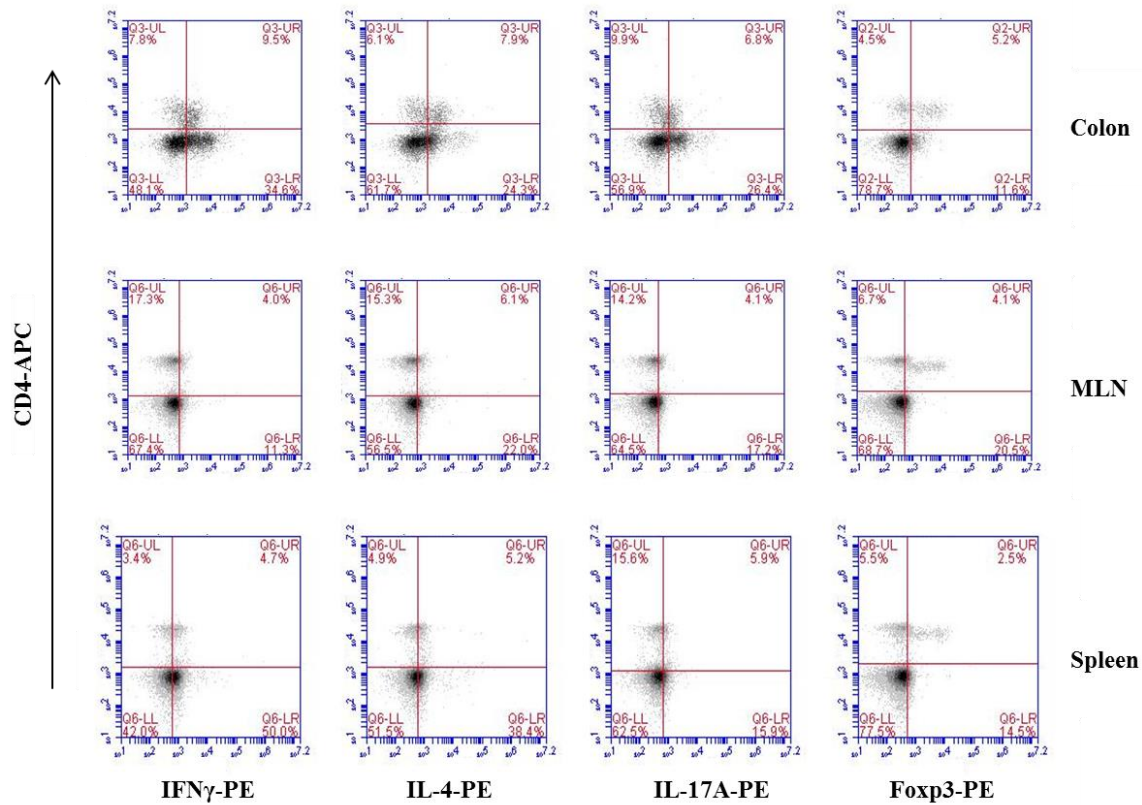
	Saline Control		TNBS	
	Wt	<i>Fat-1</i>	Wt	<i>Fat-1</i>
Body Weight (g)	24.09 ± 0.66 [*]	23.01 ± 0.82 [*]	18.75 ± 0.64 [‡]	19.89 ± 0.84 [‡]
Colon Length (cm)	6.11 ± 0.16 [*]	5.92 ± 0.20 [*]	4.82 ± 0.13 [‡]	5.14 ± 0.52 [‡]

¹Mean values ± SEM of saline control (n=4/genotype) and TNBS-treated Wt and *Fat-1* mice (n=9/genotype). Within rows, values not sharing a superscript symbol differ ($P \leq 0.05$).

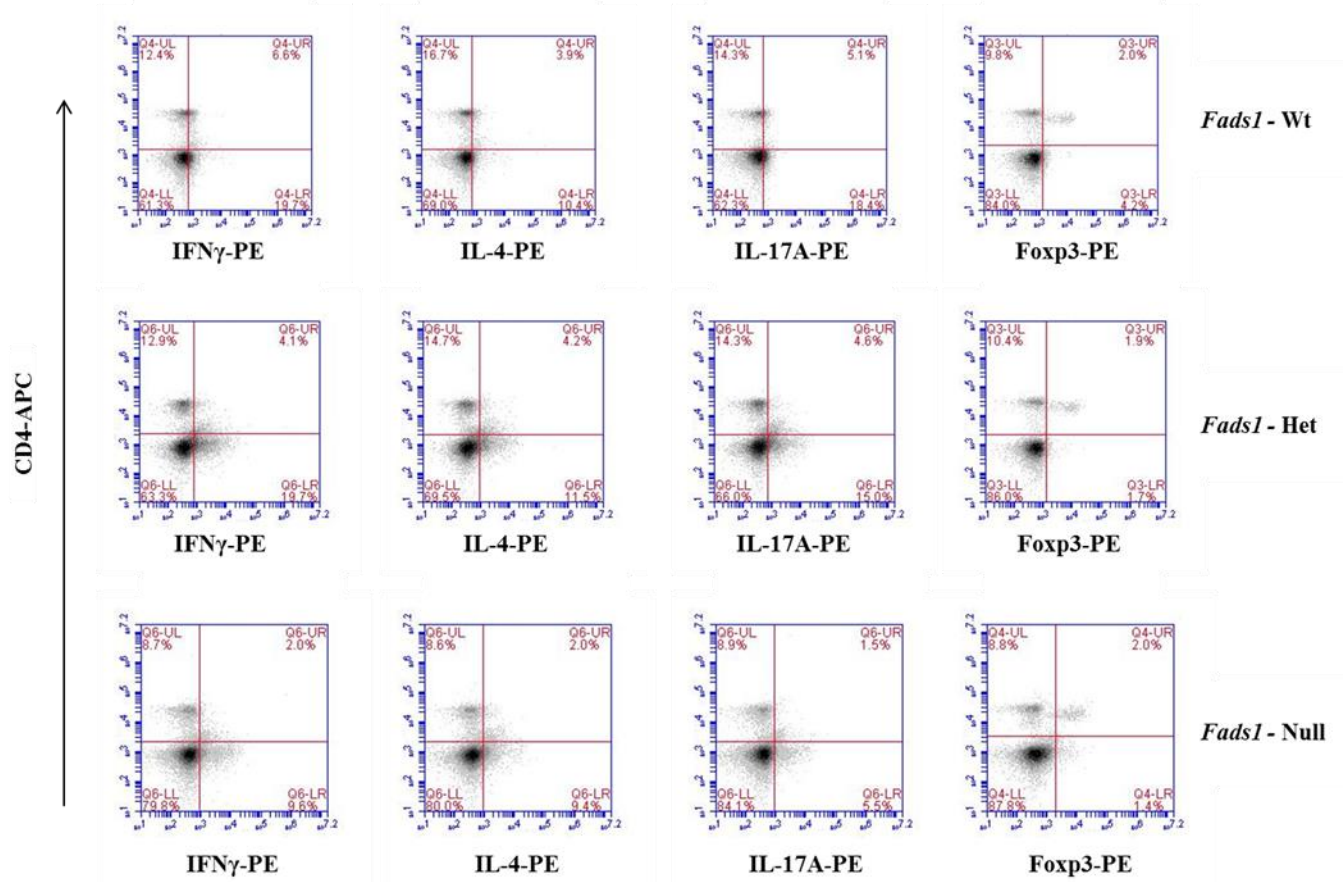
Supplemental Table 2. Final body weights and colon lengths *Fads1* saline control and TNBS-treated mice¹

	Saline Control			TNBS		
	Wt	Het	Null	Wt	Het	Null
Body Weight (g)	22.53±1.66 [*]	22.13±1.20 [*]	19.23±1.18 [*]	18.86±1.23 [‡]	16.39±0.86 [‡]	16.75±1.14 [‡]
Colon Length (cm)	6.40±0.13 [*]	6.10±0.12 [*]	6.30±0.12 [*]	5.53±0.26 [‡]	5.33±0.25 [‡]	5.48±0.32 [‡]

¹Mean values ± SEM of Wt, Het and Null *Fads1* saline control (n=4/genotype) and TNBS-treated mice (n=6-9/genotype). Values marked with a different superscript symbol differ ($P \leq 0.05$).



Supplemental Figure 1. Representative dot plots depicting the detection of CD4⁺ T cell subsets in TNBS-treated Wt colon lamina propria (top row), MLN (middle row) and spleen (bottom row). All cells were surface stained with CD4-APC (y axis) followed by intracellular detection of T cell subset specific markers (x axis): IFN γ -PE (Th1), IL-4-PE (Th2), IL-17A-PE (Th17) and Foxp3-PE (Treg) (see Materials and Methods). Flow cytometric analyses were conducted using an Accuri C6 flow cytometer (Accuri Cytometers).



Supplemental Figure 2. Representative dot plots depicting the detection of splenic CD4⁺ T cell subsets in TNBS-treated *Fads1* Wt (top row), Het (middle row) and Null mice (bottom row). All cells were surface stained with CD4-APC (y axis) followed by intracellular detection of T cell subset specific markers (x axis): IFN γ -PE (Th1), IL-4-PE (Th2), IL-17A-PE (Th17) and Foxp3-PE (Treg) (see Materials and Methods). Flow cytometric analyses were conducted using an Accuri C6 flow cytometer (Accuri Cytometers).