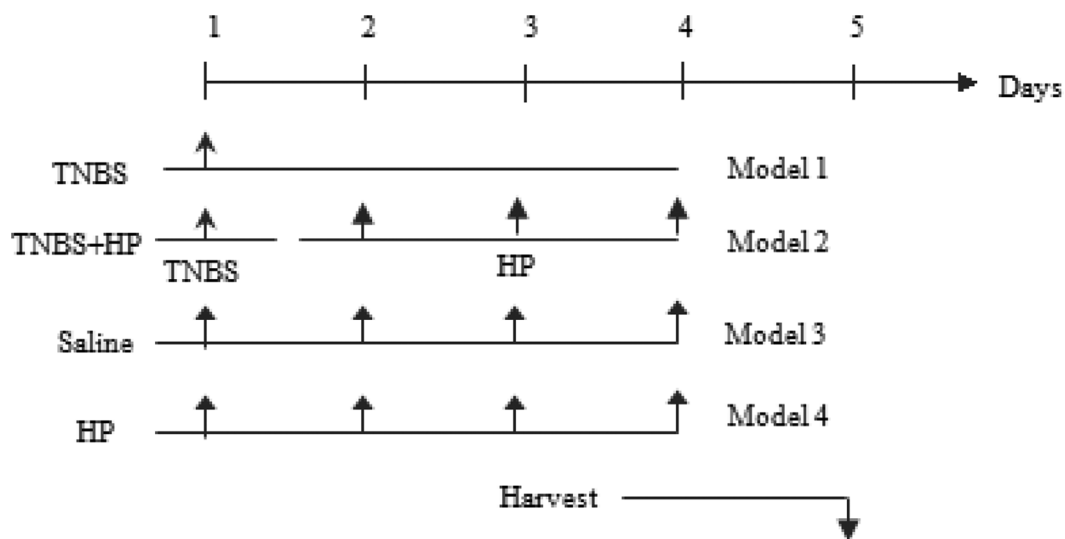


## *H. pylori* attenuates TNBS-induced colitis via increasing mucosal Th2 cells in mice

### Supplementary Materials

**Supplementary Table 1: Real-time PCR primer sequences for selected genes**

Gene	Sense	Antisense
IL-4	AAACGTCCTCACAGCAACGA	GCATCGAAAAGCCCCGAAAGA
IL-5	AGGCTTCCTGTCCCTACTCA	CCCCCACGGACAGTTTGATT
IL-6	GTGGCTAAGGACCAAGACCA	ATAACGCACTAGGTTTGCCGA
IL-10	CAGTACAGCCGGGAAGACAA	CCTGGGGCATCACTTCTACC
IL-12p35	ACCCTTGCATCTGGCGTCTA	TGGTCTTCAGCAGGTTTCGG
IL-23p19	TGGAGCAACTTCACACCTCC	GGCAGCTATGGCCAAAAGG
IL-17A	TACCTCAACCGTCCACGTC	ATGTGGTGGTCCAGCTTTCC
IL-1 $\beta$	TGCCACCTTTTGACAGTGATG	AAGGTCCACGGGAAAGACAC
TGF- $\beta$	GCTGAACCAAGGAGACGGAA	AGAAGTTGGCATGGTAGCCC
TNF- $\alpha$	GGTCCCCAAAGGGATGAGAAG	TTGGTGGTTTGCTACGACG
IFN- $\gamma$	CGGCACAGTCATTGAAAGCC	TGCATCCTTTTTTCGCCTTG
STAT-1	GGATCGCTTGCCCAACTCTT	TGGTCGCAAACGAGACATCA
STAT-3	ACCAACGACCTGCAGCAATA	TCCATGTCAAACGTGAGCGA
STAT-6	GCCAGGGTTTACAGTGAAGAAG	AGCCGTTGCAGTTTTTCTGG
$\beta$ -actin	CCACCATGTACCCAGGCATT	AGGGTGTAAAACGCAGCTCA



**Supplementary Figure 1: Overview of models 1, 2, 3 and 4.** In model 1, mice were treated with TNBS enema at day 1. In model 2, mice were treated with TNBS enema at days and HP enema at days 2, 3 and 4. In models 3 and 4, mice were treated with saline and HP enema, respectively. All mice from models 1, 2, 3 and 4 were harvested at day 5.