

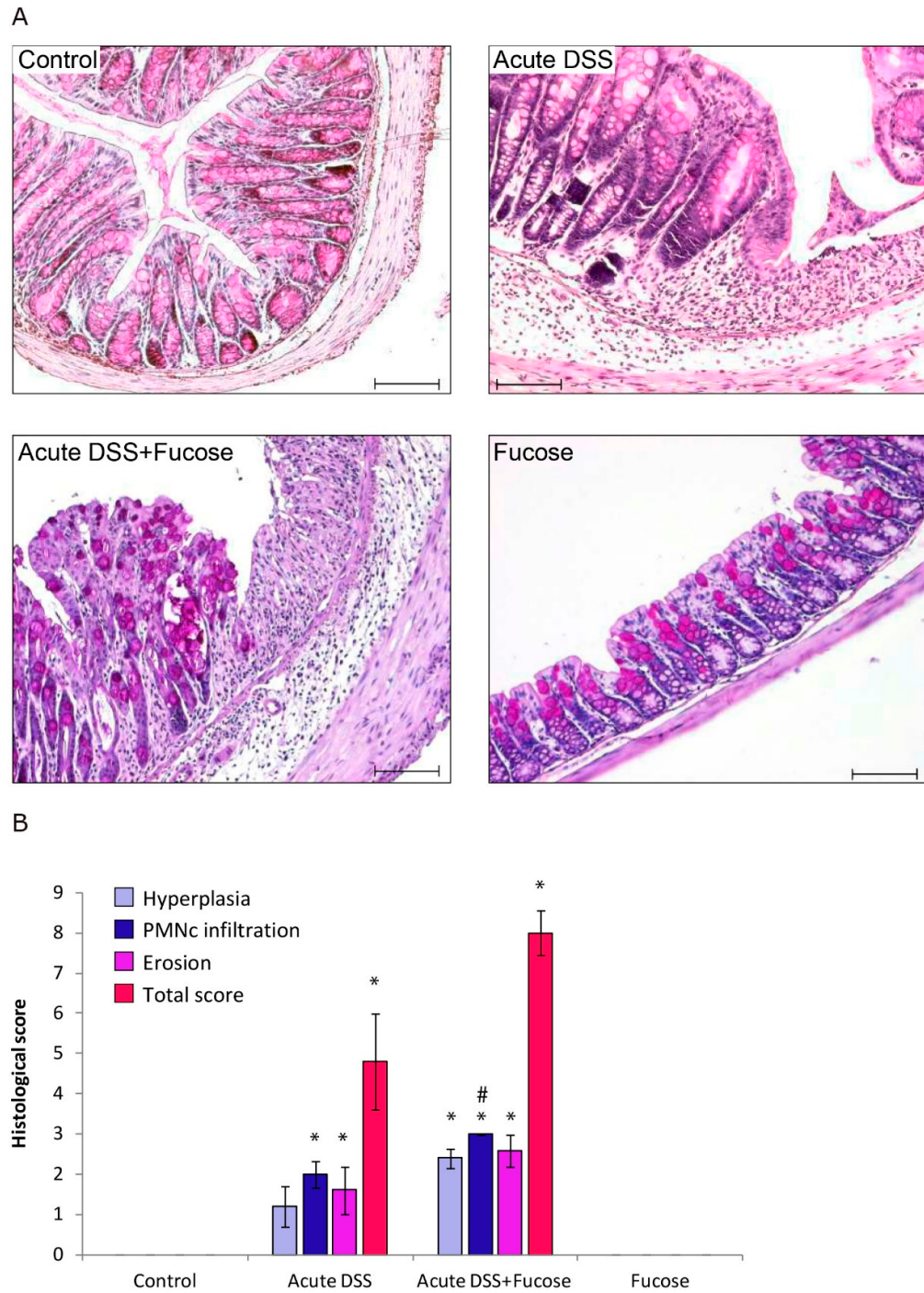


Figure S1. Fucose does not improve inflammatory response to acute DSS treatment. A. PAS-stained histological sections of the descending colon (scale bar 100 μ m). **B.** Histological scoring of the inflammatory response. * = $p < 0.05$ vs Control, # = $p < 0.05$ vs "Acute DSS", Mann-Whitney U-test.

Table S1. Primers used for the study.

Target	Primer name	Primer sequence 5' -> 3'
Mouse <i>Tnf-α</i>	TNF_RNA F	CCCTCACACTCAGATCATCTTCT
	TNF_RNA R	GGCACCACTAGTTGGTTGTCTTT
Mouse <i>Il-1β</i>	Il1b-F	TGAAGTTGACGGACCCCAA
	Il1b-R	TGATGTGCTGCTGCGAGATT
Mouse <i>Ido-1</i>	Ido-1 F	CGAGGGGATGACGATGTTCCG
	Ido-1 R	CAGTCCCCACCAGGAAATGA
<i>E.coli TrpD</i> gene	ESCH_TRPD_F	ACCTGGCAGATCAGTTGC
	ESCH_TRPD_R	GAGAAAGCATCAGCACCG
<i>Bifidobacterium TrpD</i> gene	BIFI_TRPD_F	ATGGCCGA(A/T/G)ATCACATGG
	BIFI_TRPD_R	GTCCACAA(A/G)CCACTCCGATT
Mouse <i>Tubb5</i>	betaTub_F	TGAAGCCACAGGTGGCAAGTAT
	betaTub_R	CCAGACTGACCGAAAACGAAGT
16S rRNA universal region	16S_F	TCCTACGGGAGGCAGCAG
	16S_R	ATTACCGCGGCTGCTGG
Mouse <i>Il10</i>	Il10-F4	AAGGCAGTGGAGCAGGTGA
	Il10-R4	CTATGCAGTTGATGAAGATGTCA
Mouse <i>Il17a</i>	Il17a-F4	TCAAAGCTCAGCGTGTCCAA
	Il17a-R4	GGGTCTTCATTGCGGTGGA