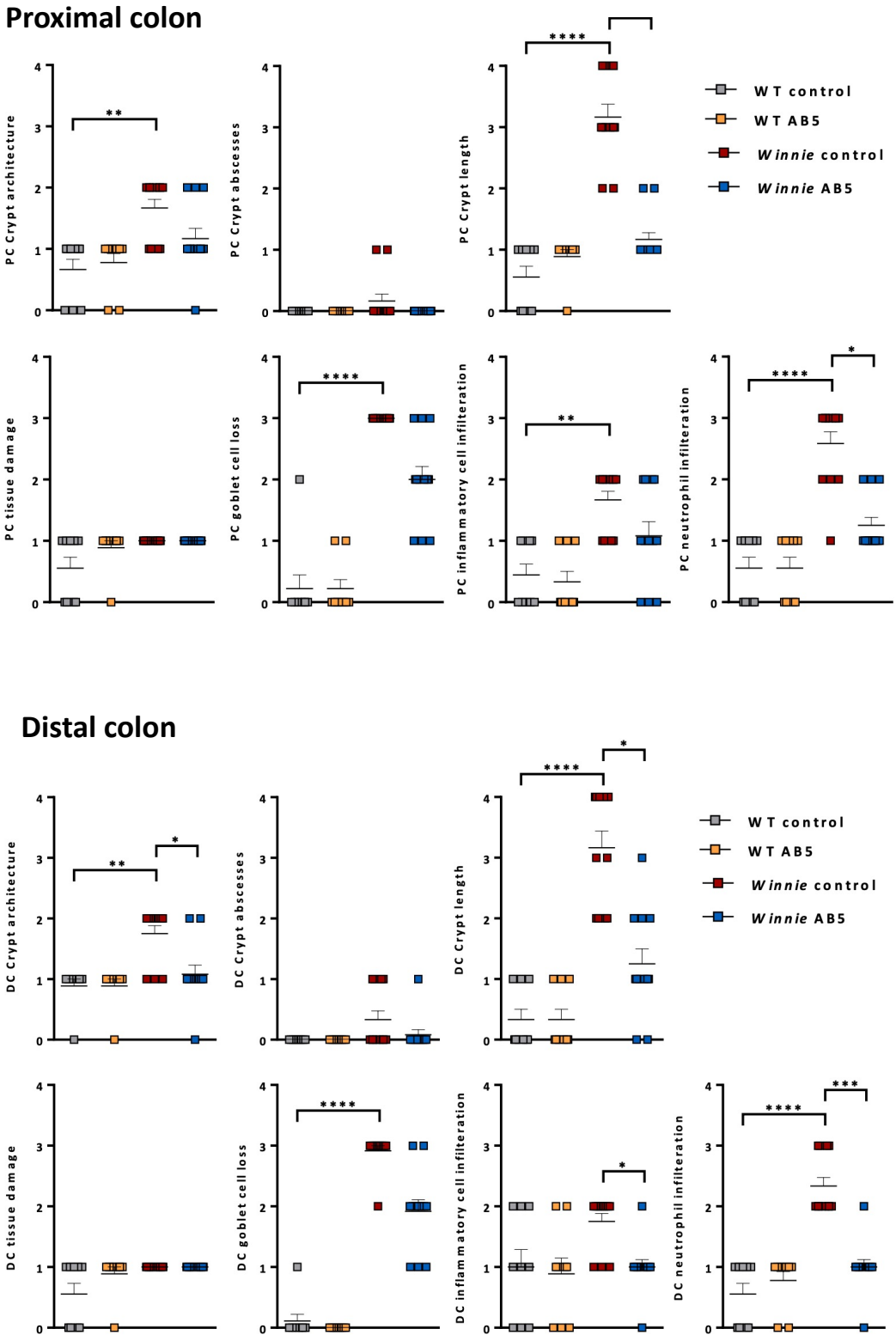
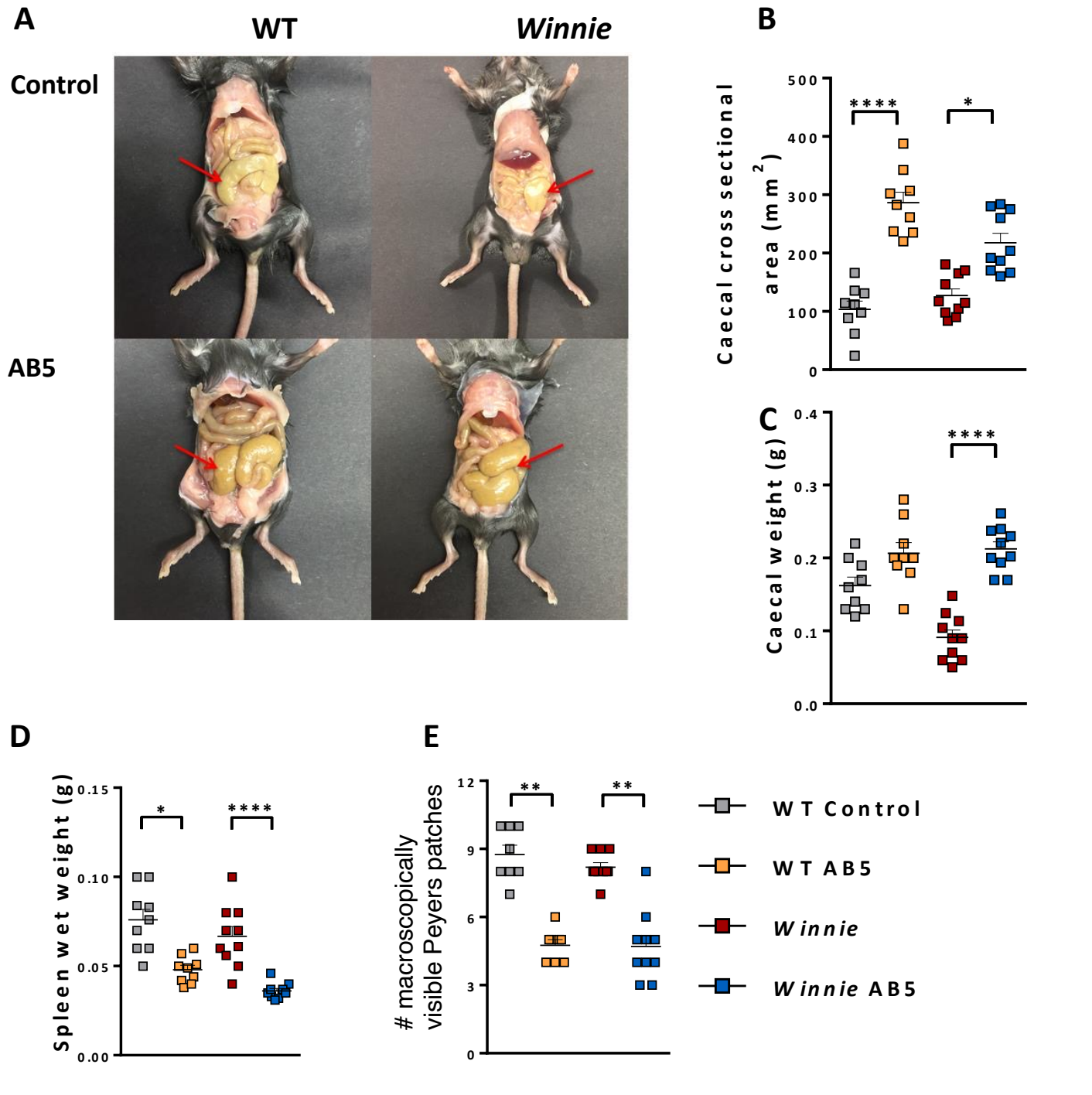
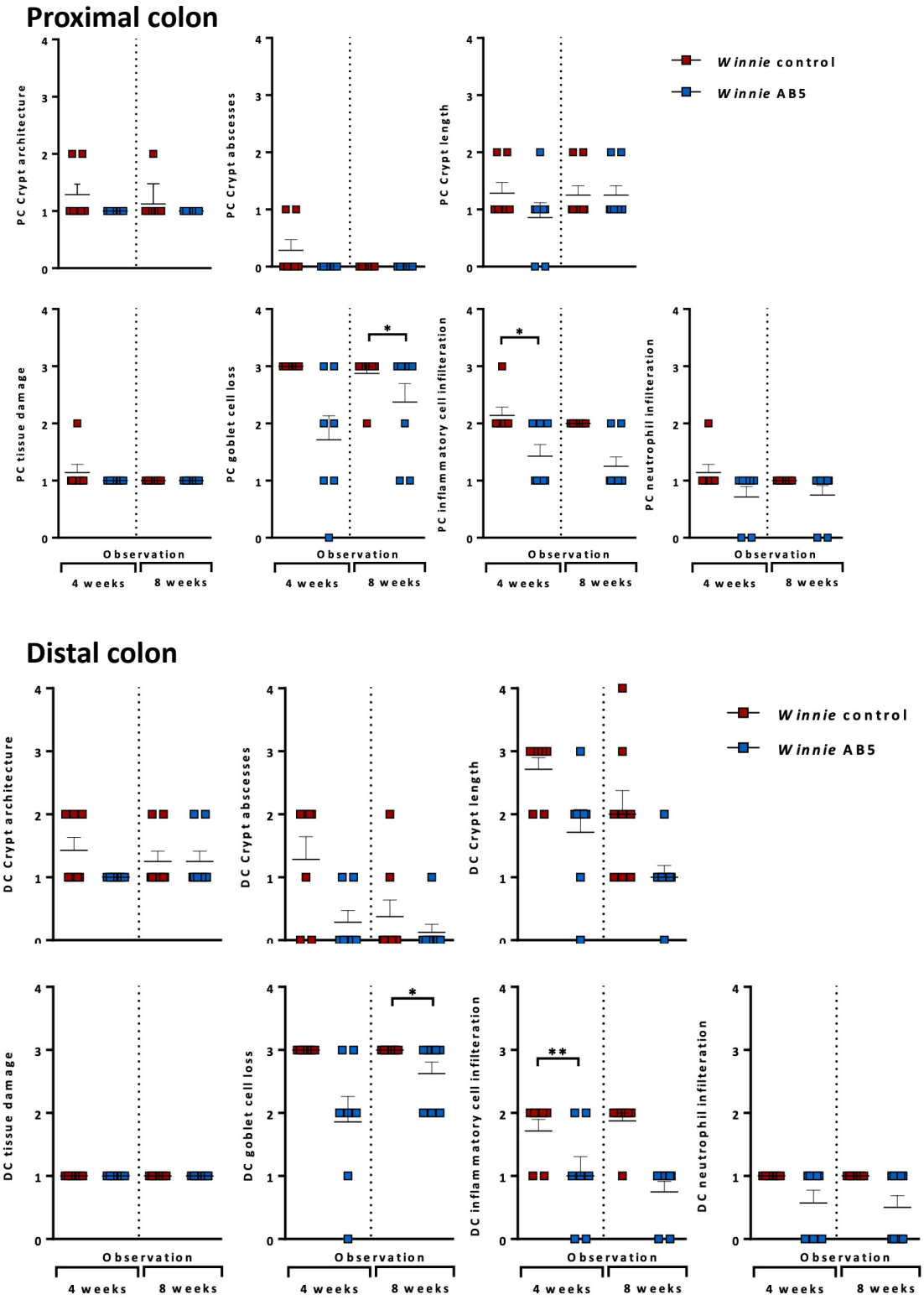
Suppl Fig 1. Blinded subscoring of proximal and distal colons in *Winnie* and WT mice following AB5 for 10 days



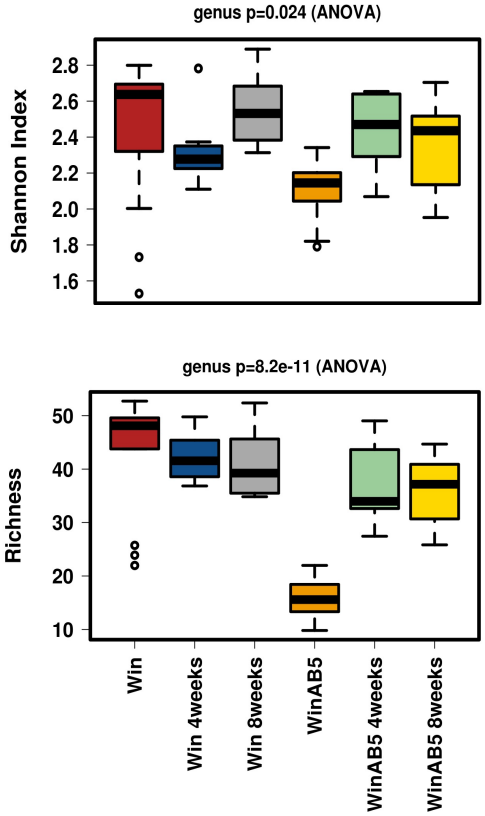
Suppl Fig 2. Treatment with AB5 was associated with a germ free-like phenotype



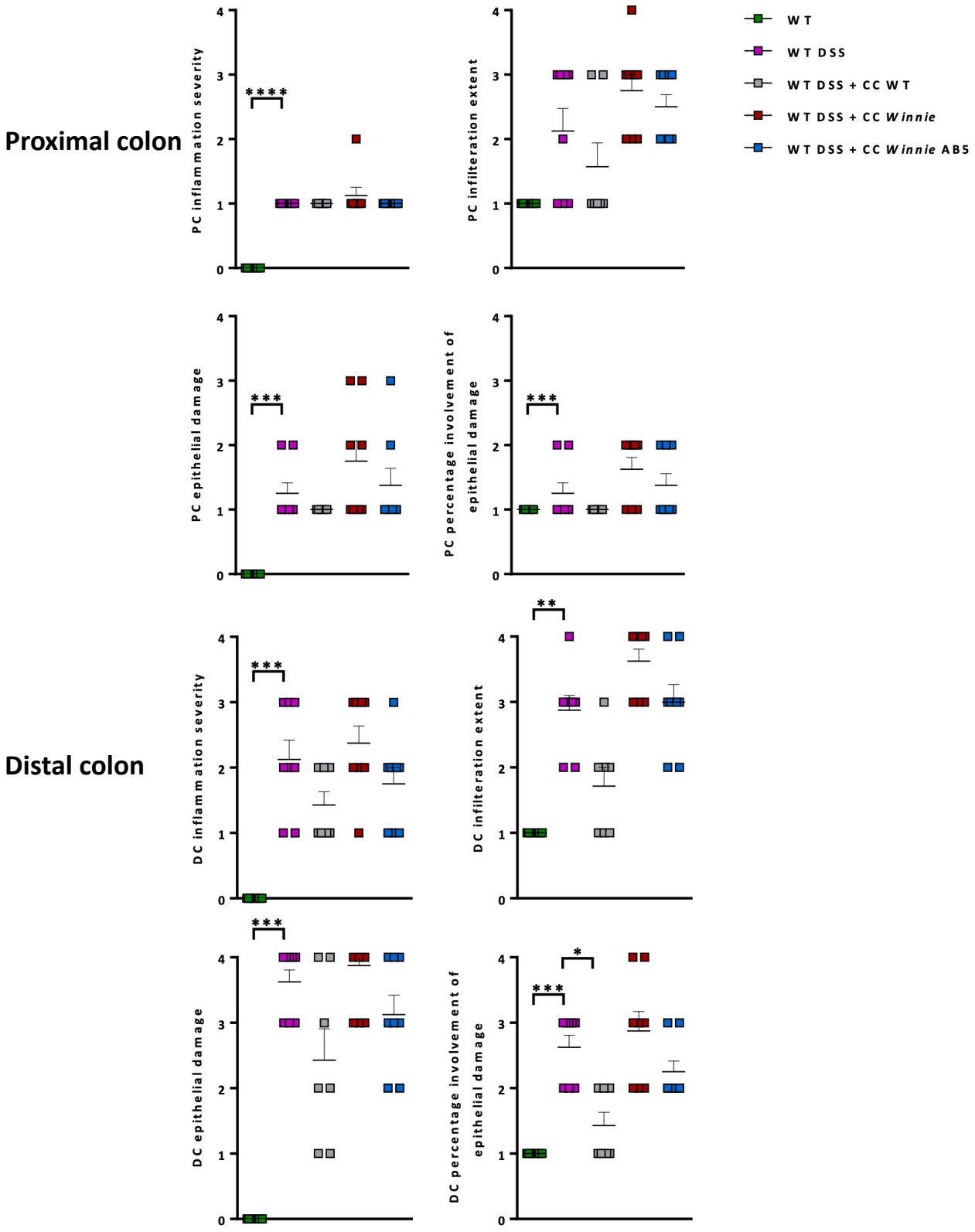
Suppl Fig 3. Blinded subscores of proximal and distal colon histology in *Winnie* at 4 and 8 weeks following AB5 or dummy treatment



Suppl Fig 4. Alpha diversity from 10 d in *Winnie* +/- AB5



Suppl Fig 5. Blinded subscores of proximal and distal colon histology following acute DSS colitis treated with caecal gavages.



Suppl fig 6

Bacterial oligonucleotide primer sequence and amplicon size for different targeted phyla

Targets (Bacteria)	**Forward and reverse primer sequences**	**Amplicon size (bps)**
Universal 16s	F: CGGCAACGAGCGCAACCC	145
	R: CCATTGTAGCACGTGTGTAGCC	
Akkermansia	F: CAGCACGTGAAGGTGGGGAC	328
	R: CCTTGCGGTTGGCTTCAGAT	
Clostridium cluster IV	F: TTACTGGGTGTAAAGGG	587
	R: TAGAGTGCTCTTGCGTA	
Clostridium cluster XIV	F: AAATGACGGTACCTGACTAA	439
	R: CTTTGAGTTTCATTCTTGCGAA	
Prevotella	F: CACRGTAAACGATGGATGCC	513
	R: GGTCGGGTTGCAGACC	
Bacteroides	F: AAGGTCCCCCACATTGG	312
	R: GAGCCGCAAACTTTCACAA	
Bifidobacterium	F: GGGTGGTAATGCCGGATG	511
	R: CCACCGTTACACCGGGAA	
E.coli	F: GGAAGAAGCTTGCTTCTTTGCTGAC	544
	R: AGCCCGGGGATTTCACATCTGACTTA	