

Supplementary File 1. Worm counts, input sequences and assembly characteristics, and microbial biodiversity in the colon microbiota of pigs in response to *Trichuris suis* infection. The numbers denote Mean \pm SD.

	Control	Infected
Worms	0 \pm 0.0	3222 \pm 1347.5
Input sequences		
16s V3-V5	38,304 \pm 6,349.6	40,639 \pm 10,212.3
WGS	770,336 \pm 220,096	651,913 \pm 68,967
Host sequences	0.31% \pm 0.12%	2.75% \pm 1.81%
Assembly		
N50	637 \pm 37.2	530 \pm 75.3
Contig#	72813 \pm 10428.7	71870 \pm 17950.5
Assembled length, Mb	43.5 \pm 6.8	38.9 \pm 14.5
ORF predicted		
Total	238,253 \pm 78,072	242,862 \pm 51,270
Length (amino acids)	130 \pm 11.1	132 \pm 3.5