

S Table 2. Median relative abundance of dominant bacterial taxa at phylum, order and family levels in colon contents collected from nonporous, pregnant and pregnant anti-CD71 treated female mice.

Bacterial taxa	Nonporous	Pregnant Control	Anti-CD71 treated
Actinobacteria	0.12 (0.00 - 0.55)^A	14.36 (0.77 - 27.92)^B	1.40 (0.91 - 3.64)^A
Bifidobacteriales	0.06 (0.00 - 0.32) ^A	13.05 (0.05 - 24.67) ^B	0.00 (0.00 - 0.27) ^A
<i>Bifidobacteriaceae</i>	0.06 (0.00 - 0.32) ^A	13.05 (0.05 - 24.67) ^B	0.00 (0.00 - 0.27) ^A
Coriobacteriales	0.06 (0.00 - 0.23) ^A	1.31 (0.72 - 3.26) ^B	1.07 (0.62 - 1.70) ^B
<i>Coriobacteriaceae</i>	0.06 (0.00 - 0.23) ^A	1.31 (0.72 - 3.26) ^B	1.07 (0.62 - 1.70) ^B
Bacteroidetes	61.65 (51.94 - 68.06)^A	36.64 (29.19 - 43.49)^B	22.02 (20.97 - 33.28)^B
Bacteroidales	61.65 (51.94 - 68.06) ^A	36.64 (29.19 - 43.49) ^B	22.02 (20.97 - 33.28) ^B
<i>Bacteroidaceae</i>	44.72 (26.64 - 50.07) ^A	6.60 (2.11 - 8.02) ^B	3.95 (1.57 - 5.98) ^B
<i>Porphyromonadaceae</i>	8.77 (8.01 - 9.97) ^A	0.50 (0.42 - 1.30) ^B	0.75 (0.36 - 1.14) ^B
<i>S24_7</i>	13.37 (3.54 - 16.45) ^A	27.19 (26.49 - 36.47) ^B	20.09 (15.51 - 28.67) ^{AB}
Firmicutes	30.74 (27.59 - 37.82)^A	42.14 (41.21 - 60.61)^B	70.83 (63.02 - 76.62)^C
Lactobacillales	2.36 (1.46 - 4.99) ^A	31.20 (24.06 - 34.42) ^B	9.03 (4.63 - 21.91) ^A
<i>Lactobacillaceae</i>	2.28 (1.39 - 4.93) ^A	31.18 (24.02 - 34.40) ^B	9.02 (4.63 - 21.91) ^A
Clostridiales	26.13 (25.75 - 35.46) ^A	18.07 (9.95 - 26.16) ^A	54.97 (51.91 - 64.02) ^B
un_Clostridiales	0.00 (0.00 - 4.91) ^A	3.58 (2.94 - 7.15) ^B	20.39 (13.51 - 21.01) ^C

un_Clostridiales	0.12 (0.00 - 0.18) ^A	6.33 (3.05 - 7.61) ^B	16.00 (13.93 - 19.99) ^C
<i>Lachnospiraceae</i>	25.95 (25.75 - 35.34) ^A	5.87 (2.32 - 6.57) ^B	11.17 (10.05 - 16.58) ^C
<i>Ruminococcaceae</i>	0.00 (0.00 - 4.18) ^A	1.78 (1.36 - 3.56) ^B	6.47 (6.25 - 10.08) ^C
Proteobacteria	5.48 (3.99 - 6.99)^A	0.14 (0.09 - 0.49)^B	0.03 (0.02 - 0.31)^B
Enterobacteriales	0.83 (0.69 - 0.96) ^A	0.02 (0.01 - 0.09) ^B	0.02 (0.01 - 0.022) ^B
<i>Enterobacteriaceae</i>	0.83 (0.69 - 0.96) ^A	0.02 (0.01 - 0.09) ^B	0.02 (0.01 - 0.022) ^B
Burkholderiales	1.89 (1.86 - 3.03) ^A	0.12 (0.007 - 0.48) ^B	0.00 (0.00 - 0.17) ^B
<i>Alcaligenaceae</i>	1.89 (1.86 - 3.03) ^A	0.12 (0.007 - 0.48) ^B	0.00 (0.00 - 0.17) ^B
Verrucomicrobia	1.82 (0.00 - 3.06)^A	0.00 (0.00 - 0.00)^A	0.00 (0.00 - 0.007)^A
Verrucomicrobiales	1.82 (0.00 - 3.06) ^A	0.00 (0.00 - 0.00) ^A	0.00 (0.00 - 0.007) ^A
<i>Verrucomicrobiaceae</i>	0.91 (0.00 - 2.44) ^A	0.00 (0.00 - 0.00) ^A	0.00 (0.00 - 0.003) ^A
Deferribacteres	0.19 (0.00 - 0.31)^A	0.02 (0.003 - 0.03)^B	0.12 (0.06 - 0.18)^A
Deferribacterales	0.19 (0.00 - 0.31) ^A	0.02 (0.003 - 0.03) ^B	0.12 (0.06 - 0.18) ^A
<i>Deferribacteraceae</i>	0.19 (0.00 - 0.31) ^A	0.02 (0.003 - 0.03) ^B	0.12 (0.06 - 0.18) ^A

Results are presented as medians(interquartile range). Comparisons were performed by Kruskal-Wallis test followed by Wilcoxon rank sum test. Experimental groups within the same bacterial taxa with unlike letters were significantly different (P<0.05).