

SUPPLEMENTARY TABLES

Table S1 Inter-Facility PERMANOVA statistics

	Total Beta Diversity								Core 50% Beta Diversity			
	ADONIS				ANOSIM				ADONIS		ANOSIM	
	Unweighted UniFrac		Weighted UniFrac		Unweighted UniFrac		Weighted UniFrac		Weighted UniFrac		Weighted UniFrac	
	R2	P	R2	P	R	P	R	P	R2	P	R	P
HSCR dataset												
<i>Boston vs. Laramie</i>												
Colon Samples												
P07-WT vs. P07-WT	31.4%	0.008	58.5%	0.008	0.884	0.009	0.880	0.008	86.0%	0.008	1.000	0.008
P20-WT vs. P20-WT	38.6%	0.002	78.3%	0.002	1.000	0.002	0.992	0.002	91.4%	0.002	1.000	0.002
P24-WT vs. P24-WT	29.1%	0.009	30.3%	0.034	0.968	0.008	0.484	0.034	28.7%	0.042	0.464	0.034
P07-KO vs. P07-KO	29.8%	0.009	51.6%	0.008	0.962	0.007	0.831	0.008	70.0%	0.008	0.913	0.008
P20-KO vs. P20-KO	44.2%	0.002	66.9%	0.002	1.000	0.002	1.000	0.002	71.3%	0.002	1.000	0.002
P24-KO vs. P24-KO	37.2%	0.029	55.7%	0.057	1.000	0.028	0.815	0.057	56.0%	0.057	0.537	0.058
Fecal Samples												
P07-WT vs. P07-WT	50.3%	0.008	61.8%	0.008	1.000	0.008	0.940	0.008	62.3%	0.008	0.780	0.008
P20-WT vs. P20-WT	34.0%	0.002	82.3%	0.002	1.000	0.002	1.000	0.002	84.6%	0.002	1.000	0.002
P24-WT vs. P24-WT	36.6%	0.029	17.9%	0.400	0.926	0.029	0.130	0.315	30.9%	0.114	0.333	0.086
P07-KO vs. P07-KO	29.9%	0.008	59.6%	0.008	0.708	0.008	0.936	0.008	92.0%	0.008	1.000	0.008
P20-KO vs. P20-KO	38.4%	0.002	74.4%	0.002	1.000	0.002	1.000	0.002	57.8%	0.002	0.813	0.002
P24-KO vs. P24-KO	42.6%	0.029	54.6%	0.057	1.000	0.029	0.759	0.058	68.9%	0.029	1.000	0.029
C57BL/6J dataset												
<i>Boston vs. Laramie</i>	15.9%	0.00002	28.0%	0.001	0.583	0.00003	0.409	0.0004	30.9%	0.0012	0.402	0.0006

Bold-Italic text indicates *P*-values > 0.05