

Table S2 Core OTUs

			Core 50%		Core 75%		Core 100%	
Ednrb mice - HSCR dataset		Total # Observed OTUs	# of core OTUs	% Observed OTUs = core	# of core OTUs	% Observed OTUs = core	# of core OTUs	% Observed OTUs = core
Colon Samples								
P07-WT	Boston	20	7	35%	4	20%	3	15%
	Laramie	105	34	32%	20	19%	8	8%
	Conserved	62	14	22%	0	0%	0	0%
P07-KO	Boston	27	16	59%	7	26%	2	7%
	Laramie	67	38	57%	18	27%	11	16%
	Conserved	47	4	8%	0	0%	0	0%
P20-WT	Boston	103	42	41%	23	22%	8	8%
	Laramie	104	63	60%	23	22%	10	10%
	Conserved	104	18	17%	2	2%	0	0%
P20-KO	Boston	84	57	68%	31	37%	11	13%
	Laramie	102	57	56%	28	27%	16	16%
	Conserved	93	24	26%	4	4%	2	2%
P24-WT	Boston	150	91	61%	40	27%	40	27%
	Laramie	123	51	42%	10	8%	5	4%
	Conserved	136	50	37%	3	2%	1	1%
P24-KO	Boston	142	75	53%	23	16%	23	16%
	Laramie	93	52	56%	22	24%	6	6%
	Conserved	117	20	17%	3	3%	0	0%
C57BL/6J mice								
Fecal Samples	Boston	507	354	70%	163	32%	76	15%
	Laramie	528	326	62%	130	25%	65	12%
	Conserved	518	277	54%	116	22%	40	8%

Conserved is calculated as the average of Boston and Laramie. % Observed OTUs = core is calculated as the # of core OTUs divided by the Total # of Observed OTUs.