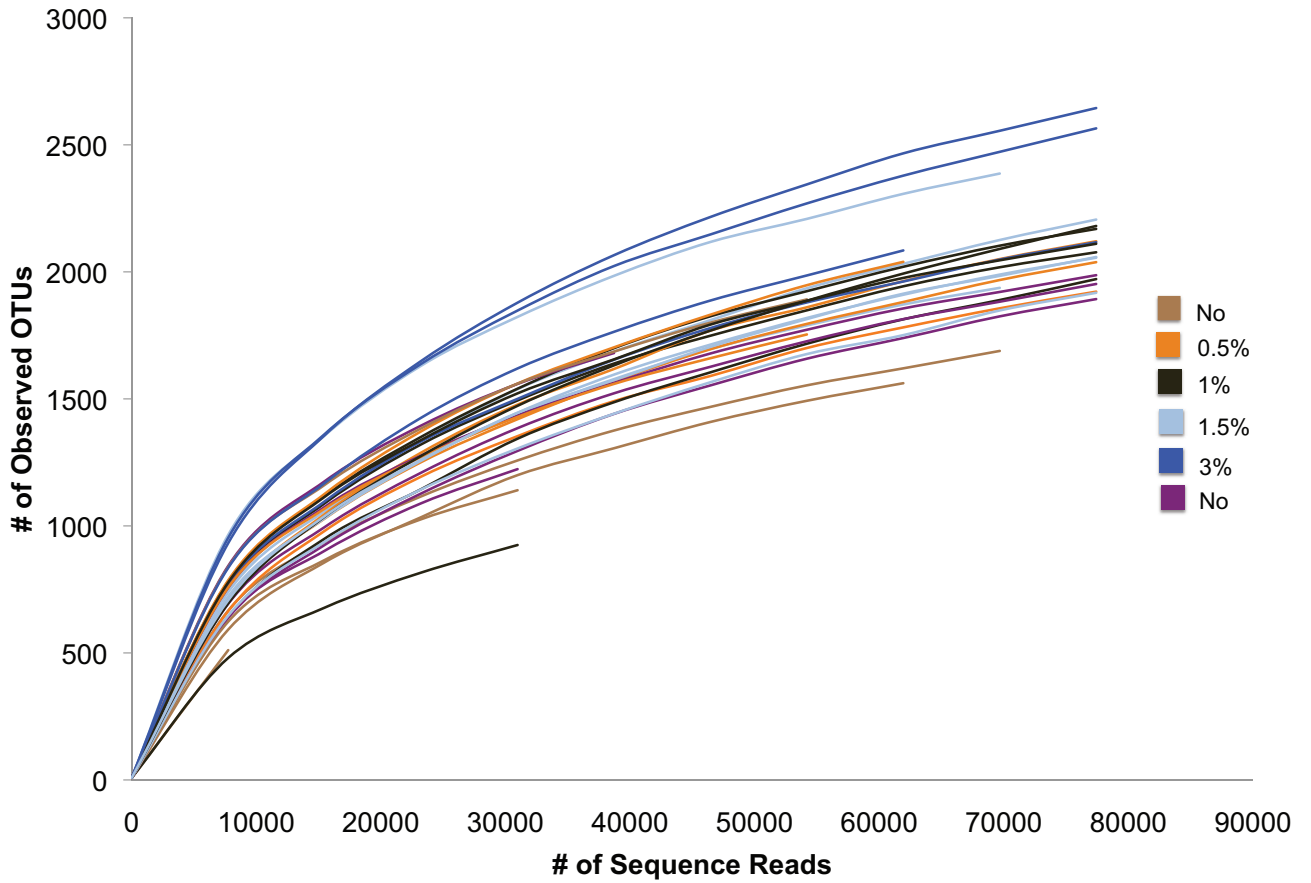


1 Supplementary Information

2 Figure S1. Rarefaction analysis for all samples. Curves are color-coded by
3 oxalate treatment. Legend is ordered chronologically with timepoint 1 at the top
4 and timepoint 6 at the bottom.



5 Figure S1. Rarefaction analysis for all samples. Curves are color-coded by oxalate treatment. Legend is ordered chronologically with timepoint 1 at the top and timepoint 6 at the bottom.

Ingredients	g/kg
casein	200.0
L-cystine	3.0
corn starch	300.5
maltodextrin	120.0
sucrose	100.0
soybean oil	70.0
cellulose	150.0
mineral mix	42.0
vitamin mix	12.0
choline bitartrate	2.5
TBHQ antioxidant	0.014

Table S1. Recipe for the purified rat chow diet.

Lowest Assigned Taxonomy	Taxonomic Level	# of OTUs	Diet
<i>Akkermansia muciniphilia</i>	species	2	3%
<i>Allobaculum</i>	genus	4	3%
<i>Clostridiaceae</i>	family	1	3%
<i>Clostridiales</i>	order	46	3%
<i>Coprococcus</i>	genus	2	3%
<i>Coriobacteriaceae</i>	family	1	3%
<i>Desulfovibrio</i>	genus	3	3%
<i>Lacnospiraceae</i>	family	9	3%
<i>Lactobacillus</i>	genus	2	3%
<i>Odoribacter</i>	genus	2	3%
<i>Oscillospira</i>	genus	10	3%
<i>Paenibacillus</i>	genus	1	3%
<i>RC4-4</i>	genus	1	3%
<i>Rickenellaceae</i>	family	3	3%
<i>Ruminococcaceae</i>	family	19	3%
<i>Ruminococcus</i>	genus	3	3%
<i>Ruminococcus flavefaciens</i>	species	2	3%
<i>Ruminococcus gnavus</i>	species	2	3%
<i>S24-7</i>	family	60	3%
<i>Unassigned</i>	N/A	6	3%
<i>Bacteroidales</i>	order	1	Both
<i>Bacteroides</i>	genus	1	Both
<i>Bacteroides ovatus</i>	species	1	Both
<i>Bifidobacterium</i>	genus	1	Both
<i>Clostridiales</i>	order	5	Both
<i>Lacnospiraceae</i>	family	3	Both
<i>Lactobacillus</i>	genus	3	Both
<i>Lactobacillus vaginalis</i>	species	1	Both
<i>Odoribacter</i>	genus	2	Both
<i>Oscillospira</i>	genus	10	Both
<i>Parabacteroides distasonis</i>	species	1	Both
<i>Peptococcaceae</i>	family	2	Both
<i>Rickenellaceae</i>	family	1	Both
<i>Ruminococcaceae</i>	family	3	Both
<i>Ruminococcus</i>	genus	3	Both
<i>Ruminococcus flavefaciens</i>	species	1	Both
<i>S24-7</i>	family	59	Both
<i>Xanthobacteraceae</i>	family	1	Both
<i>Unassigned</i>	N/A	2	Both
<i>YS2</i>	order	2	Both

Table S2. Taxonomic identity of OTU's (out of 6232) shared across all individuals on a no oxalate diet, 3% oxalate diet, or both.