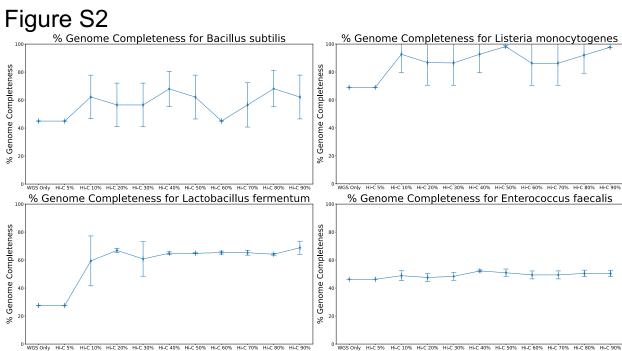
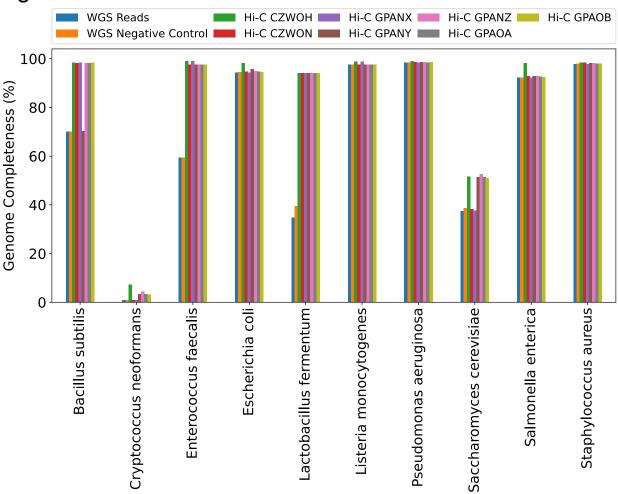
Library	Organism	Cell Numbers	Library Type	Kit	Kit Version
	ZymoBIOMICS™ Microbial Community DNA Standard: D6305	100ng DNA	Shotgun	Kapa Hyper Prep Kit	N/A
	ZymoBIOMICS™ Microbial Community Standard cells: D6300	1E8 cells	Hi-C	Phase Genomics	1
czwon	ZymoBIOMICS™ Microbial Community Standard cells: D6300	2.8E8 cells	Hi-C	Arima/Kapa	1
GPANX	ZymoBIOMICS™ Microbial Community Standard cells: D6300	2.8E8 cells	Hi-C	Arima/Kapa	1
GPANY	ZymoBIOMICS™ Microbial Community Standard cells: D6300	1E8 cells	Hi-C	Phase Genomics	1.5
GPANZ	ZymoBIOMICS™ Microbial Community Standard cells: D6300	1E8 cells	Hi-C	Phase Genomics	1.5
GPAOA	ZymoBIOMICS™ Microbial Community Standard cells: D6300	1E8 cells	Hi-C	Phase Genomics	1.5
GPAOB	ZymoBIOMICS™ Microbial Community Standard cells: D6300	1E8 cells	Hi-C	Phase Genomics	1.5





Metabat-LR High Contamination Bins from Cat Fecal Dataset

Completeness	Contamination	Bin Id	Marker lineage
100	57.18	bin.59.fa	kBacteria (UID203)
86.41	71.33	bin.14.fa	pActinobacteria (UID2112)
70.97	17.1	bin.65.fa	oClostridiales (UID1212)
75.65	52.19	bin.62.fa	kBacteria (UID203)
62.93	24.92	bin.63.fa	kBacteria (UID203)
94.83	11	bin.53.fa	kBacteria (UID203)
84.94	12.91	bin.41.fa	oClostridiales (UID1226)
96.14	27.59	bin.49.fa	kBacteria (UID203)
92.98	11.58	bin.35.fa	oClostridiales (UID1226)
65.91	15.38	bin.60.fa	oBacteroidales (UID2621)

Metabat_LR High Contamination Bins from Human Fecal Dataset

Completeness	Contamination	Bin Id	Marker lineage
78.62	10.34	bin.95.fa	kBacteria (UID203)
94.51	91.69	bin.78.fa	kBacteria (UID203)
96.49	18.13	bin.205.fa	kBacteria (UID203)
56.14	14.35	bin.202.fa	kBacteria (UID203)
88.96	12.96	bin.140.fa	oClostridiales (UID1212)
93.67	87.08	bin.123.fa	kBacteria (UID203)
92.63	23.15	bin.165.fa	kBacteria (UID203)
95.69	34.15	bin.211.fa	kBacteria (UID203)
91.07	53.98	bin.221.fa	kBacteria (UID203)
97.41	24.44	bin.220.fa	kBacteria (UID203)
93.14	20.31	bin.170.fa	oClostridiales (UID1212)
63.48	19.3	bin.47.fa	kBacteria (UID203)
84.21	17.12	bin.21.fa	kBacteria (UID203)
75.76	12.99	bin.130.fa	oClostridiales (UID1226)
87	82.7	bin.44.fa	kBacteria (UID203)
80.7	12.89	bin.2.fa	oClostridiales (UID1226)
72.53	12.97	bin.131.fa	oClostridiales (UID1226)
81.34	17.22	bin.137.fa	kBacteria (UID203)
99.04	68.5	bin.228.fa	kBacteria (UID203)
69.5	14.69	bin.223.fa	oBacteroidales (UID2621)
88.97	10.59	bin.66.fa	fLachnospiraceae (UID1256)
78.26	38.09	bin.116.fa	oClostridiales (UID1226)
94.74	84.56	bin.65.fa	kBacteria (UID203)
82.41	16.12	bin.189.fa	oClostridiales (UID1212)
60.34	35.06	bin.233.fa	kBacteria (UID203)
97.02	16.51	bin.217.fa	kBacteria (UID203)
93.42	11.91	bin.126.fa	fLachnospiraceae (UID1286)

Metabat-LR Unique Bins from Cat Fecal Dataset

Completeness	Contamination Bin Id	Marker lineage
100	1.12 bin.57.fa	kBacteria (UID2329)
92.36	4.29 bin.55.fa	oBacteroidales (UID2657)
86.46	3.15 bin.23.fa	oBacteroidales (UID2621)
63.12	3.02 bin.51.fa	fLachnospiraceae (UID1256)
62.73	2.98 bin.46.fa	oLactobacillales (UID544)
62.37	1.26 bin.42.fa	oBacteroidales (UID2654)

Metabat-LR Unique Bins from Human Fecal Dataset

Completeness	Contamination	Bin Id	Marker lineage
99.46	0.54	bin.23.fa	kBacteria (UID2569)
94.41	0.89	bin.91.fa	oClostridiales (UID1226)
94.19	6.53	bin.210.fa	fLachnospiraceae (UID1256)
93.62	1.34	bin.176.fa	oClostridiales (UID1212)
93.51	6.02	bin.159.fa	oClostridiales (UID1212)
90.66	2.34	bin.109.fa	oClostridiales (UID1226)
88.85	0	bin.83.fa	oClostridiales (UID1212)
81.7	0	bin.92.fa	oBacteroidales (UID2617)
80.31	4.39	bin.184.fa	oBacteroidales (UID2657)
78.96	8.97	bin.73.fa	oClostridiales (UID1226)
77.71	1.23	bin.144.fa	oClostridiales (UID1212)
73.38	4.47	bin.16.fa	oClostridiales (UID1212)
73.21	3.51	bin.77.fa	oClostridiales (UID1212)
72.58	7.18	bin.145.fa	oClostridiales (UID1212)
70.65	2.91	bin.124.fa	oClostridiales (UID1212)
69.98	2.13	bin.12.fa	oClostridiales (UID1120)
66.4	3.48	bin.155.fa	fLachnospiraceae (UID1286)
62.76	7.71	bin.120.fa	oClostridiales (UID1212)
59.56	2.92	bin.122.fa	oClostridiales (UID1212)
56.32	6.9	bin.125.fa	kBacteria (UID203)
54.31	1.72	bin.179.fa	kBacteria (UID203)
54.06	0.32	bin.54.fa	oClostridiales (UID1226)
51.79	0	bin.134.fa	k Bacteria (UID203)