

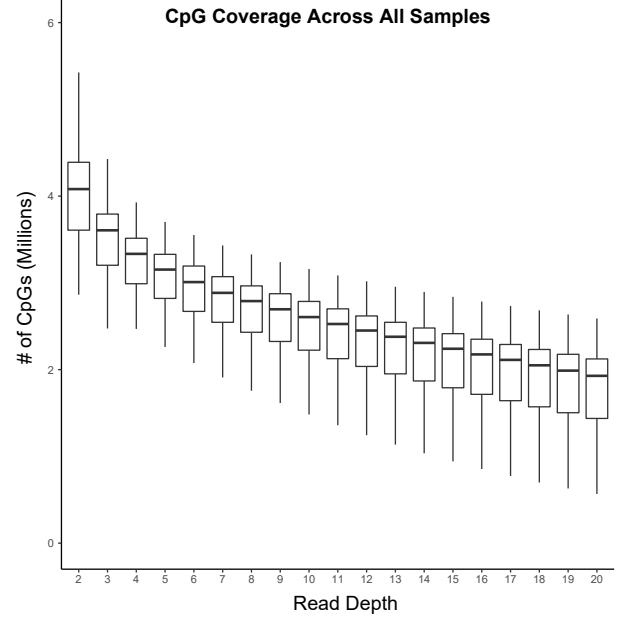
Figure S2

A.

Patient	Average Read Depth	Estimated Bisulfite Conversion Rate	Patient	Average Read Depth	Estimated Bisulfite Conversion Rate
129	47.24	98.68%	8538	83.25	98.93%
513	33.03	96.18%	8543	86.08	98.96%
519	65.75	98.95%	8547	81.02	98.98%
524	94.72	98.92%	8580	87.73	99.03%
2203	50.5	96.43%	8634	62.08	98.99%
2208	56.31	97.22%	13090	105.57	99.01%
2217	64.28	97.96%	13928	88.2	98.85%
2221	72.23	98.15%	14233	56.44	98.84%
2242	80.11	98.35%	14238	74.74	98.99%
2254	82.07	98.30%	14246	130.21	98.92%
2259	44.35	97.02%	14264	87.13	98.63%
2260	27.77	96.49%	14593	98.44	98.94%
2261	30.42	97.66%	14647	83.32	98.94%
2282	53.74	95.99%	14651	73.41	98.94%
2290	124.94	98.07%	14809	102.7	98.97%
2291	113.89	98.35%	14890	81.35	98.98%
2293	38.11	98.58%	16245	83.77	98.82%
2329	136.66	98.71%	16251	62.34	98.58%
2347	77.31	98.50%	16253	67.48	98.63%
2351	91.2	98.48%	16400	43.74	98.89%
2360	37.5	97.92%	16472	72.9	99.04%
2363	94.62	98.50%	16476	82.07	98.97%
2413	79.31	98.42%	CAR01	57.12	98.65%
2415	78.21	98.57%	CAR02	74.77	98.66%
2417	99.04	98.71%	CAR03	79.82	98.67%
2419	79.89	98.62%	CAR05	95.67	98.67%
2420	124.5	98.86%	CAR06	90.06	98.67%
2481	126.8	98.85%	CAR07	111.8	98.78%
2487	122.08	98.81%	CTL01	45.39	98.72%
2660	104.71	98.86%	CTL02	36.69	98.78%
2663	74.88	98.94%	CTL03	71.61	98.75%
2671	91.98	98.98%	CTL04	53.56	98.76%
2673	79.96	99.03%	CTL05	56.99	98.72%
2674	86.95	98.89%	CTL06	64.62	98.76%
2689	63.94	98.59%	CTL07	60.2	98.76%
2694	65.04	98.54%	CTL08	61.91	98.89%
2980	77.66	98.11%	CTL09	44.41	98.74%
2981	77.49	98.95%	CTL10	36.64	98.75%
2984	72.24	98.98%	CTL11	32.41	98.78%
2990	73.22	98.98%	CTL12	27.4	98.75%
2992	71.86	98.71%	CTL13	32.27	98.84%
2993	76.89	98.59%	CTL14	31.87	98.67%
5023	69.47	98.44%	CTL15	37.48	98.84%
5111	48.9	97.10%	CTL16	30.93	98.87%
6304	71.32	98.91%	CTL18	46.81	98.75%
6305	95.48	98.97%	CTL19	52.68	98.78%
6306	65.06	98.95%	CTL20	50.81	98.78%
6308	75.43	98.95%	CTL21	56.28	98.83%
6320	92.36	98.95%	CTL22	55.3	98.80%
6338	17.02	98.90%	CTL23	50.45	98.85%
6371	69.04	98.97%	CTL24	54.06	98.91%
6375	91.46	98.96%	CTL25	51.18	98.83%
6387	72.61	99.03%	CTL26	37.04	98.79%
6390	92.56	98.98%	CTL27	45.68	98.78%
6391	99	99.05%	CTL28	59.92	98.89%
6399	90.51	98.93%	CTL29	50.47	98.84%
6401	74.93	98.93%	CTL30	47.05	98.79%
7011	79.02	98.98%	CTL31	40.53	98.67%
7025	95.35	99.02%	CTL32	51.19	98.86%
7566	92.49	99.06%	CTL33	46.45	98.79%
8055	81.2	99.05%	CTL34	78.84	98.76%
8082	91.84	98.97%	CTL35	66.46	98.79%
8097	75.19	99.03%	CTL36	53.81	98.78%
8100	88.14	98.97%	CTL37	70.07	98.78%
8115	49.41	99.00%	CTL38	56.67	98.74%
8128	73.3	98.94%	CTL39	45.91	98.84%
8137	73.5	98.94%	CTL40	54.77	98.83%
8181	17.94	98.87%	CTL41	47.89	98.84%
8190	92.31	98.95%	CTL42	52.95	98.78%
8192	72.65	98.96%	CTL43	146.09	98.78%
8197	111.82	98.96%	CTL44	45.34	98.78%
8259	105.24	98.95%	CTL45	54.53	98.79%
8447	94.8	98.91%	CTL46	54.13	98.79%
8500	64.67	99.02%	CTL47	42.79	98.84%
8501	86.29	99.06%	CTL48	53.78	98.81%
8507	83.09	98.95%	CTL49	56.64	98.81%
8536	104.38	98.94%	CTL50	100.14	98.75%

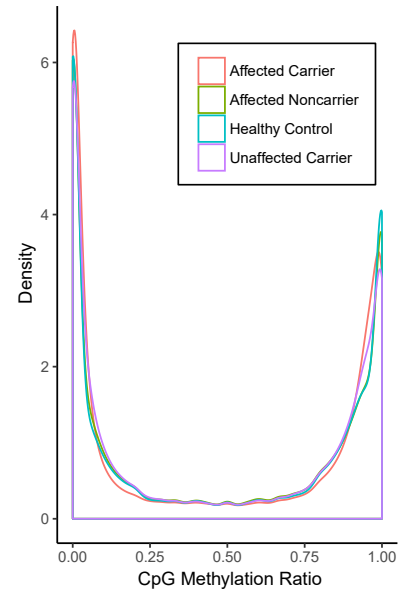
TOTAL 70.81 98.69%

B.



C.

Methylation Ratios Across Sample Subgroups



D.

Principle Component Analysis (n=7,590 CpGs)

