

Supplemental Table 1a: Saliva virome reads

Sample	Initial Reads	Removed	Mean Length	16S	Human	Final Reads	Contigs	GC Content	Mean Length
D1	567,247	94,543	96	1	1	472,702	444	53.2	1,037
D2	511,356	102,271	88	0	7	409,078	396	56.8	638
D3	1,317,372	217,178	145	0	2,464	1,097,730	2,045	44.4	896
D4	689,349	73,874	88	1	1	615,473	931	47.4	755
D5	687,438	94,827	97	0	16	592,595	134	39.5	1,460
D6	601,163	44,538	102	0	5	556,620	540	52.1	1,071
D7	890,165	205,422	102	0	5	684,738	872	53.9	1,017
H1	699,367	26,901	90	0	2,202	670,264	201	54.1	507
H2	661,356	134,516	98	1	4	526,835	273	51.5	982
H3	506,657	41,834	90	0	2	464,821	376	40.0	1,036
H4	1,015,668	188,118	184	0	0	827,550	42	44.7	915
H5	788,311	307,558	190	0	537	480,216	1,172	44.5	944
H6	1,020,227	155,748	174	0	248	864,231	979	44.9	1,480
H7	932,944	339,181	194	0	417	593,346	1,314	42.1	904
H8	1,268,523	207,773	142	0	3,132	1,055,618	2,176	43.7	886
H9	567,547	93,241	90	0	1	474,305	317	54.8	759

Supplemental Table 1b: Subgingival virome reads

Sample	Initial Reads	Removed	Mean Length	16S	Human	Final Reads	Contigs	GC Content	Mean Length
D1	858,742	145,675	123	0	3,607	709,460	1,703	45.2	1,102
D2	798,963	145,291	180	0	2,529	651,143	1,990	45.8	1,045
D3	830,697	109,289	179	0	2,495	718,913	772	44.1	1,444
D4	720,023	165,941	152	0	5,507	548,575	731	41.7	1,199
D5	540,615	186,215	130	0	1,522	352,878	657	42.1	899
D6	766,352	53,306	117	0	476	712,570	2,764	44.2	957
D7	563,725	114,164	139	0	2,418	447,143	791	45.2	1,156
H1	995,802	500,026	173	0	1,183	494,593	728	43.0	1,383
H2	720,307	209,890	177	0	1,853	508,564	828	42.6	1,318
H3	849,924	122,972	162	0	1,065	725,887	781	44.7	1,123
H4	449,729	177,971	137	0	50	271,708	828	44.6	623
H5	506,867	126,152	138	0	55	380,660	1,622	42.4	702
H6	776,639	400,524	130	0	18	376,097	1,057	44.4	700
H7	827,132	345,082	189	0	227	481,823	1,355	43.1	1,355
H8	854,327	148,715	171	0	404	705,208	870	43.3	1,388
H9	696,116	120,209	154	0	2,004	573,903	1,732	43.7	1,292

Supplemental Table 1c: Supragingival virome reads

Sample	Initial Reads	Removed	Mean Length	16S	Human	Final Reads	Contigs	GC Content	Mean Length
D1	709,259	74,469	125	0	2,752	632,038	2,205	45.2	982
D2	787,180	144,734	188	0	3,068	639,378	2,547	44.8	1,162
D3	824,331	109,882	178	0	2,077	712,372	1,229	43.5	1,465
D4	689,546	127,547	158	0	1,747	560,252	1,382	45.7	1,055
D5	725,964	118,405	138	0	2,272	605,287	1,531	46.7	1,224
D6	1,067,818	312,653	120	0	2,167	752,998	3,081	47.5	982
D7	1,245,370	218,058	137	0	5,649	1,021,663	1,637	44.1	1,076
H1	782,218	326,384	175	0	3,775	452,059	629	42.5	1,177
H2	758,142	145,153	175	0	5,918	607,071	548	43.0	1,324
H3	875,727	166,742	173	0	3,359	705,626	1,083	43.2	1,319
H4	658,557	194,350	125	0	11	464,196	1,105	43.2	652
H5	920,729	401,788	140	0	63	518,878	1,090	45.1	682
H6	570,486	95,331	148	0	36	475,119	1,394	42.0	626
H7	624,281	169,907	200	0	2,230	452,144	2,703	43.7	831
H8	974,345	122,320	166	0	56,834	795,191	1,131	43.2	1,238
H9	785,126	147,400	149	0	1,042	636,684	766	42.3	1,178