

**Supplemental Table 1: Characteristics of study participants**

Subject	ART	Gender	Ethnicity	Age (years)	Viral Load (copies/mL)	CD4 T cells/mm <sup>3</sup>
S1	NO	M	W	47	79200	773
S2	NO	M	W	48	256	422
S3	NO	F	B	43	2170	798
S4	NO	M	W	38	288000	387
S5	NO	M	W	42	65500	612
S6	NO	M	W	32	11200	672
S7	NO	M	W	37	15200	934
S8	NO	F	B	59	<50	1283
S9	NO	M	W	49	9590	651
S10	NO	M	W	38	4800	641
S11	NO	M	B	62	4037	565
S12	NO	M	W	51	5780	700
S13	NO	M	B	51	5650	565
S14	NO	F	B	59	<50	1283
S15	NO	M	W	45	8960	1108
S16	NO	M	W	50	15001	372
S17	NO	M	W	52	177	436
S18	NO	M	W	55	92	766
S19	NO	F	W	49	517	420
S20	NO	M	W	50	2259	675
S21	NO	M	B	59	126	1371
S22	NO	M	W	26	2700	597
S23	NO	F	B	23	7095	172
S24	NO	M	B	47	39489	492
S25	NO	M	W	43	193437	356
S26	NO	M	W	48	15250	416
S27	NO	M	W	42	105130	320
S28	NO	M	B	23	13438	234
S29	NO	M	B	34	1000000	300
Column Statistics		Total: 29	Total: 29	Median: 47	Median: 7095	Median: 597
		Male: 24 (83%)	White: 19 (66%)	Lower quartile: 38	Lower quartile: 1344	Lower quartile: 401.5
		Female: 5 (17%)	Black: 10 (34%)	Upper quartile: 41	Upper quartile: 27370	Upper quartile: 769.5

Subject	ART	Gender	Ethnicity	Age (years)	Viral Load (copies/mL)	CD4 T cells/mm <sup>3</sup>
S30	YES	M	W	52	<50	271
S31	YES	M	W	50	<50	700
S32	YES	F	B	37	<50	416
S33	YES	M	B	26	<50	862
S34	YES	M	W	55	<50	465
S35	YES	M	W	55	<50	372
Column Statistics		Total: 6	Total: 6	Median: 51	Median: <50	Median: 440.5
		Male:5 (83%)	White : 4 (67%)	Lower quartile: 34	Lower quartile: <50	Lower quartile: 346.8
		Female :1 (17%)	Black: 2 (33%)	Upper quartile : 55	Upper quartile : <50	Upper quartile : 740.5