

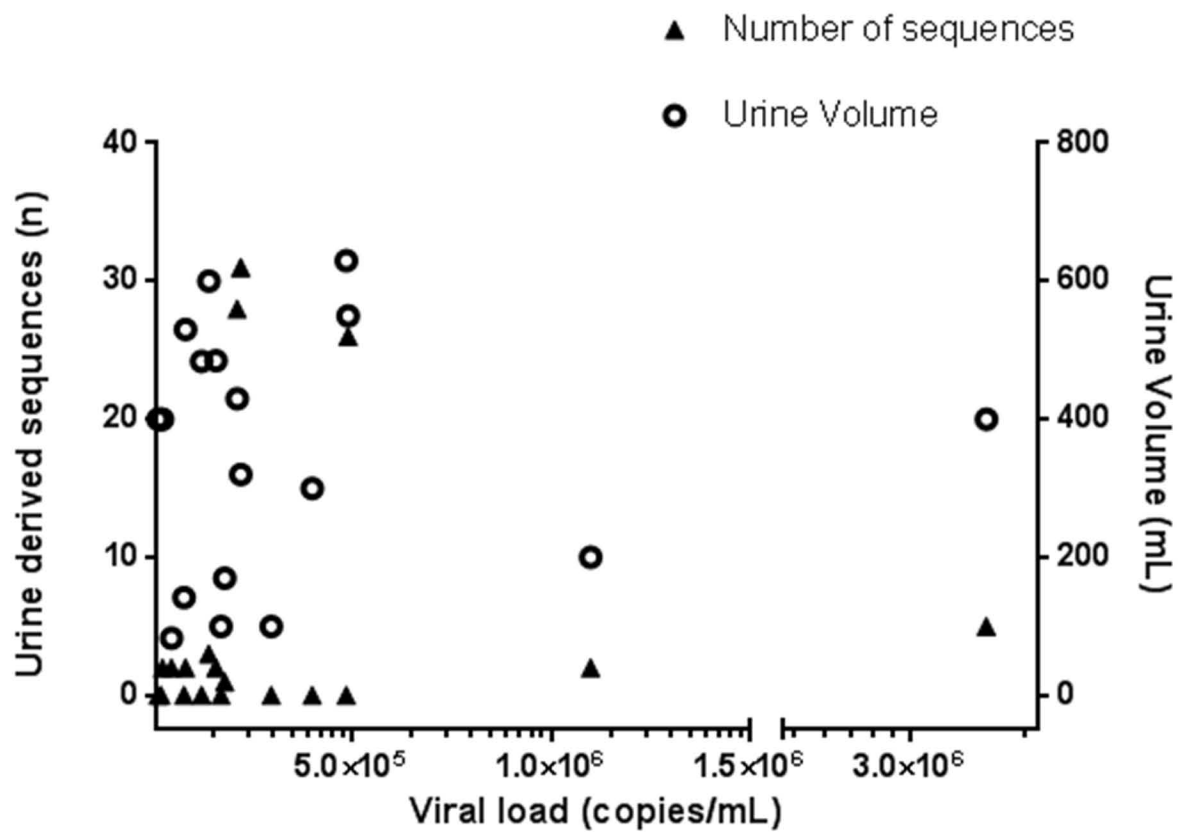
Supplementary figure 1. Neighbor-joining tree including all the sequences from the twelve subjects from which HIV RNA was amplified from urine. Blue triangles: urine RNA; Full red circles: PBMCs; Empty red circles: Plasma RNA; Green diamond: urine cell-associate DNA. For subjects 264 and 265 urine cell associated DNA sequences are between 1000 and 1400 bp in length. All the other sequences are the full-length HIV-1 *env*.

Supplementary figure 2. Correlative analysis between the number of HIV-1 sequences amplified from urine and plasma viral load, accounting for the different urine volumes for each patients. Spearman R= 0.3759; P= 0.0703 (number of urinary sequences vs plasma viral load); Spearman R= 0.1049; P= 0.6256 (number of urinary sequences vs urine volume).

Supplementary table 1. Characteristics of all study participants.

Subject ID	Ethnicity	Gender	Plasma viral load (copies/mL)	CD4 count (cells/mm ³)	Urine Volume (mL)	# of Urine SGA
174	Black/African American	F	20,000	1072	400	0
262	Black/African American	F	12,200	1201	400	0
263	White	F	78,000	554	142	0
264	Black/African American	F	3,600,000	26	400	5
257	Black/African American	F	400,000	151	300	0
260	Black/African American	F	2040	200	520	0
265	Black/African American	M	23,400	151	400	2
266	Asian	M	180,000	495	170	1
267	White	F	4460	466	35	17
268	Black/African American	M	486,000	115	630	0
269	Black/African American	F	211,000	316	430	28
270	Black/African American	F	140,000	233	600	3
271	Black/African American	M	1,100,000	1119	200	2
272	Black/African American	M	297,000	251	100	0
273	Other	M	4,290	921	100	0
274	Black/African American	M	122,000	272	484	0
275	Black/African American	M	158,000	252	485	2
276	Black/African American	F	46,500	425	83	2

277	Black/African American	M	7,128	99	90	0
279	Black/African American	F	1,370	741	570	0
280	Black/African American	F	220,000	47	320	31
288	Black/African American	M	171,000	4	100	0
290	Black/African American	M	490,000	320	550	26
291	White	M	81,700	306	530	2
311	Black/African American	F	<20	677	54	0
312	White	M	<20	1062	250	0
313	Black/African American	M	<20	148	550	0
314	Black/African American	F	<20	1448	430	0
315	Black/African American	M	<20	488	460	0
316	Black/African American	M	<20	571	307	0
317	Black/African American	M	<20	324	460	0
052	White	M	<20	933	350	0
318	Black/African American	F	<20	433	370	0
319	Black/African American	F	<20	1131	440	0
320	Black/African American	F	<20	1067	460	0



Supplementary figure 2