

**Table S1. Patient characteristics.**

Patient ID	Set-point HIV VL	CD4% nadir	CD4 cells/mm <sup>3</sup> nadir	Month CMV detected	Months of Follow-up	Age, Illnesses at death <sup>a</sup>
<b>Infected <i>in utero</i> (n = 10)</b>						
045	5.2	22	2588	3	24	
093	6.4	20	810	3	24	
116 <sup>b</sup>	6.6	0	6	3	24	M24, FTT, pneumonia
135	7.0	2	129	birth	15	M15, FTT, pneumonia, diarrhea
156	5.4	35	2508	birth	6	M6, pneumonia, sepsis
161 <sup>b</sup>	8.0	3	165	1	7	M7, FTT, meningitis, TB
170	5.2	17	1414	1	18	
211	6.5	10	617	3	24	
258	6.6	20	925	1	12	
313	5.8	10	674	3	24	
<b>Infected peripartum (n = 9)</b>						
040 <sup>c</sup>	NA	NA	NA	3	5	M5, diarrhea, sepsis, anemia
105 <sup>c</sup>	NA	NA	NA	not detected	3	M4, FTT, pneumonia
159	5.8	18	621	20	24	M24
291	6.8	9	515	3	15	M17, FTT, diarrhea
298	6.0	12	782	3	7	M7, FTT, pneumonia, diarrhea
303	6.6	17	1639	10	12	M13, FTT, pneumonia
334	6.2	24	2372	1	9	M11, FTT
411	6.5	15	637	3	24	
473	7.1	6	628	1	18	M18, FTT, pneumonia
<b>HIV-exposed uninfected (n = 6)</b>						

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059	NA	NA	NA	3	12
081	NA	NA	NA	3	12
122	NA	NA	NA	3	12
180	NA	NA	NA	3	12
272	NA	NA	NA	3	15
461	NA	NA	NA	3	15

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NOTES. VL= viral load; M= month; FTT= failure to thrive; TB= *Mycobacterium tuberculosis*; NA = not available.

<sup>a</sup>Major symptoms/disease identified at the time of death by clinician or verbal autopsy of parent. <sup>b</sup>Upon thawing, the majority of cells from subject 116 at month 9, and 161 at month 3 were dead and are thus excluded from the analysis. <sup>c</sup>Two infants died before the definition of set-point was met and before any CD4 counts were conducted.