SUPPLEMENTAL DIGITAL CONTENT

Table S1. Characteristics of HIV-infected children with and without B cell data before ART initiation.

	Without B cell data (n=47)	With B cell data (n=99)	p-value
Age, months	28.7 (23.8, 33.6)	42.4 (36.6, 48.2)	<0.01
Female, n	25 (53%)	43 (43%)	0.29
% CD4+ T cells	12.3 (10.0, 14.5)	12.7 (11.3, 14.1)	0.72
% CD8+ T cells	41.9 (38.1, 45.8)	44.2 (41.8, 46.6)	<0.01

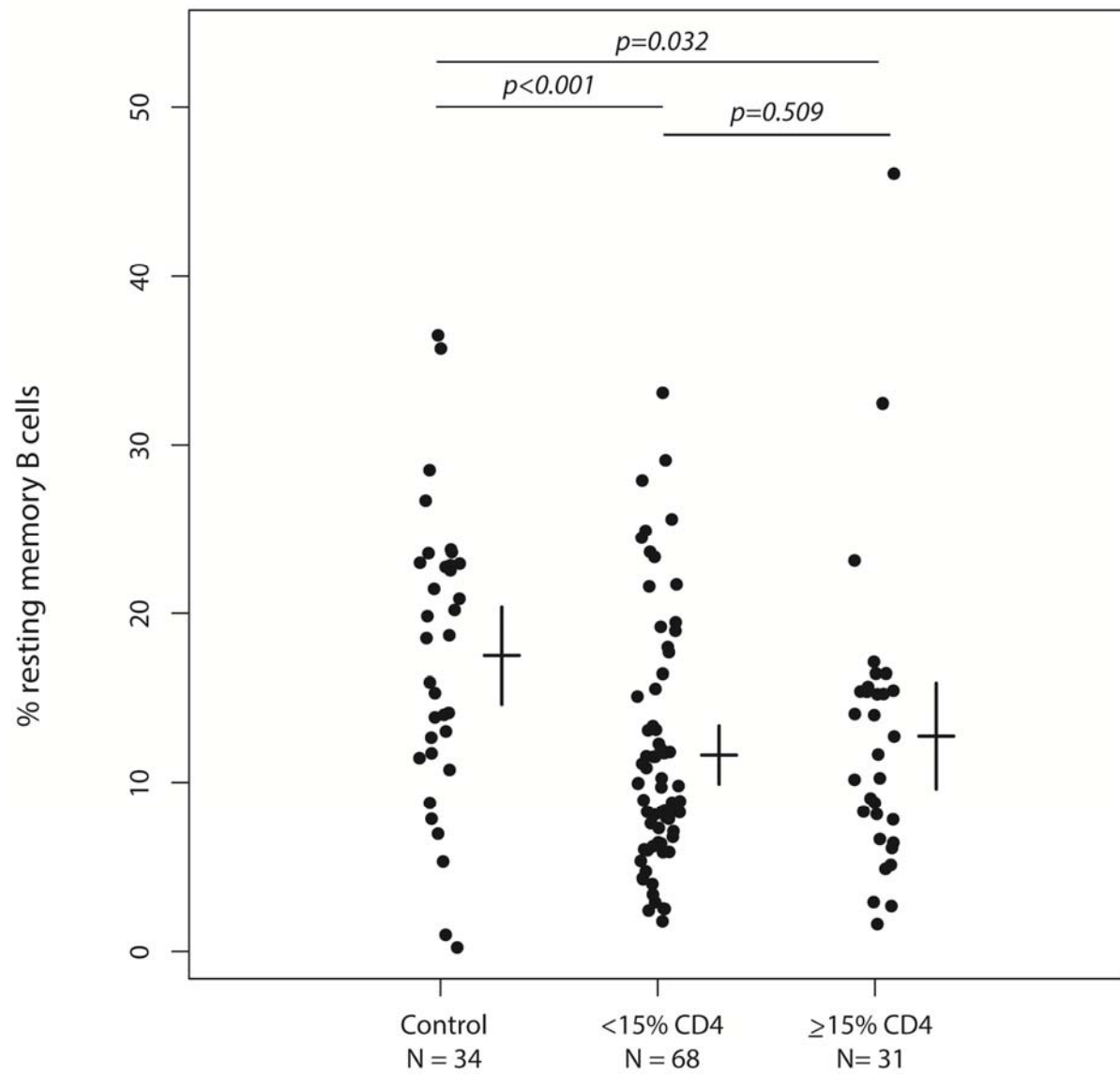*p-values from Fisher's exact test and Student's t tests.*
ART = antiretroviral therapy

Table S2. Age-adjusted mean resting memory B cell percentages (95% CI) among HIV-infected and control children.

	Control children	HIV-infected children Months since ART initiation				
		0	**3**	**6**	**9**	**12**
Resting memory B cell percentage	16.1 (12.8, 19.8) N=34	12.0 (10.4, 13.5) 99	13.6 (11.8, 15.4) 73	14.7 (12.8, 16.6) 68	15.5 (13.4, 17.6) 65	17.2 (15.0, 19.4) 65
	15	**18**	**21**	**24**	**27**	**30**
Resting memory B cell percentage	14.0 (12.0, 16.0) 58	17.1 (14.2, 19.9) 38	14.8 (11.7, 17.9) 33	18.3 (14.1, 22.6) 24	15.3 (11.6, 19.1) 23	14.7 (7.5, 21.9) 10

ART = antiretroviral therapy

Figure S1. Resting memory B cell percentages (CD19+CD21+CD27+) among total B cells in HIV-infected and control children stratified by CD4+ T cell percentage before ART initiation.

Lines represent means and 95% confidence intervals.
ART = antiretroviral therapy