

Supplementary Table 1

Subject ID <sup>~</sup>	HAART treatment	Viral load <50	Time on HAART (Years)	Post-HAART CD4 recovery	Current CD4 T-lymphocyte count	HLA-B Type <sup>*</sup>
HIV01	Yes	Yes	0.25	72	320	B15; <b>B57</b>
HIV02	Yes	Yes	1.92	524	872	<b>B44</b> ; <b>B51</b>
HIV03	Yes	Yes	11	351	886	B18; <b>B44</b>
HIV04	Yes	Yes	10.25	324	469	<b>B44</b> ; <b>B53</b>
HIV05	Yes	Yes	5.75	168	311	<b>B27</b> ; <b>B27</b>
HIV06	Yes	Yes	13.50	734	941	B35; <b>B57</b>
HIV07	No	No	n/a	n/a	520	B40; <b>B51</b>
HIV08	Yes	Yes	14.08	856	1060	<b>B44</b> ;B62
HIV09	No	No	n/a	n/a	1033	<b>B27</b> ;B35
HIV10	Yes	Yes	5.92	806	990	<b>B44</b> ; <b>B44</b>
HIV11	No	No	n/a	n/a	404	B07; <b>B49</b>
HIV12	Yes	Yes	0.75	133	588	B07;B18
HIV13	No	No	n/a	n/a	454	B08;B08
HIV14	Yes	Yes	9.25	458	634	B08;B40
HIV15	Yes	Yes	13.33	63	225	B07;B08
HIV16	Yes	Yes	14.50	647	857	B07;B14
HIV17	Yes	Yes	7.5	418	599	B14;B40
HIV18	Yes	Yes	6.42	490	634	B07;B40
HIV19	Yes	Yes	9.75	0	799	B07;B40
HIV20	Yes	Yes	3.42	277	393	B18;B35
HIV21	Yes	Yes	2.83	473	360	B08; <b>B44</b>
HIV22	Yes	Yes	0.67	108	355	B39; <b>B44</b>
HIV23	Yes	Yes	7	497	426	B15; <b>B51</b>
HIV24	Yes	Yes	1.17	69	403	B08; <b>B57</b>
HIV25	Yes	Yes	1.75	155	528	<b>B51</b> ;B54
HIV26	Yes	Yes	1.08	183	716	<b>B44</b> ; <b>B51</b>
HIV27	Yes	Yes	7.92	64	395	<b>B44</b> ; <b>B44</b>
HC01	n/a	n/a	n/a	n/a	n/a	<b>B44</b> ; <b>B51</b>
HC02	n/a	n/a	n/a	n/a	n/a	<b>B44</b> ; <b>B44</b>

HC03	n/a	n/a	n/a	n/a	n/a	B07; <b>B44</b>
HC04	n/a	n/a	n/a	n/a	n/a	<b>B44</b> ; <b>B57</b>
HC05	n/a	n/a	n/a	n/a	n/a	<b>B13</b> ; <b>B35</b>
HC06	n/a	n/a	n/a	n/a	n/a	B07; <b>B44</b>
HC07	n/a	n/a	n/a	n/a	n/a	B40; <b>B44</b>
HC08	n/a	n/a	n/a	n/a	n/a	B40; <b>B51</b>
HC09	n/a	n/a	n/a	n/a	n/a	B18; <b>B38</b>
HC10	n/a	n/a	n/a	n/a	n/a	B60; <b>B51</b>
HC11	n/a	n/a	n/a	n/a	n/a	B07; <b>B44</b>
HC12	n/a	n/a	n/a	n/a	n/a	B08,B15
HC13	n/a	n/a	n/a	n/a	n/a	B35; <b>B35</b>
HC14	n/a	n/a	n/a	n/a	n/a	B07; <b>B41</b>
HC15	n/a	n/a	n/a	n/a	n/a	B39; <b>B40</b>
HC16	n/a	n/a	n/a	n/a	n/a	B07; <b>B18</b>
HC17	n/a	n/a	n/a	n/a	n/a	B35; <b>B55</b>

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~HIV-infected subjects are coded are HIV00 and healthy control subjects are coded as HC00.

\*HLA-Bw4 carrying alleles are bolded.