Supp. Table 1. Viral population dynamics of superinfected participants.

Subject	Coding	Initial Churcin		
	Regions	Initial Strain	Superinfecting Strain	Recombination
К6	RT	Replaced	Persists	No
	C2V3	Replaced	Persists	No
К9	RT	Replaced	Persists	No
	C2V3	Replaced	Persists	No
D2	RT	Persists	Persists	Yes
	C2V3	Persists	Transient	No
P2	RT	Persists	Not Detected	No
	C2V3	Persists	Persists	Yes
P8	RT	Persists	Transient	No
Ро	C2V3	Persists	Transient	No
S1	RT	Persists	Transient	Yes
	C2V3	Replaced	Transient	No
U7	RT	Persists	Persists	No
	C2V3	Persists	Transient	No

Legend: Viral population dynamics are shown for each superinfected participant over the length of follow-up.

Supp. Table 2. Population HLA Frequency Comparisons.

<u>SI vs. MI</u>							
HLA	SI (%)	MI (%)	p	q			
A29*	14	0	0.07	0.94			
C16*	14	0	0.07	0.94			
DR11	0	22	0.09	0.72			
B35	36	14	0.11	0.60			
DR07	36	17	0.25	0.93			
CI vs. MI							
HLA	CI (%)	MI (%)	p	q			
A29	25	0	0.03	0.20			
C02	25	0	0.03	0.20			
C16	25	0	0.03	0.20			
DI vs. MI							
HLA	DI (%)	MI (%)	p	q			
A29	18	0	0.03	0.20			
C02	18	0	0.03	0.20			
DR11	0	22	0.02	0.09			

Legend: Frequency calculated based on two alleles per haplotype. SI: superinfected group, MI: monoinfected group, CI: co-infected group, DI: dual-infected, p: p-value, q: q-value (false discovery). *A29 and C16 were found to be in linkage disequilibrium (p<0.05).