**Table S2.** HLA-I alleles of 10 elite controllers (ECs) and 10 patients with high viral load (HVLpts).

Patient ID HLA-A HLA-B (serotypes) HLA-C

EC-#1 A\*0207/3303 B\*4601/5801 (Bw6/Bw4) C\*0102/0302

EC-#2 A\*1101//1101 B\*4601/5201 (Bw6/Bw4) C\*0102/0702

EC-#3 A\*2402/3303 B\*5201/5301 (Bw4/Bw4) C\*0702/1202

EC-#4 A\*0301/1101 B\*1502/5201 (Bw6/Bw4) C\*0801/1202

EC-#5 A\*1101/7402 B\*2702/5102 (Bw4/Bw4) C\*1202/1402

EC-#6 A\*0207/1101 B\*4601/4801 (Bw6/Bw6) C\*0102/0801

EC-#7 A\*2402/2402 B\*1502/5102 (Bw6/Bw4) C\*0801/1502

EC-#8 A\*3001/3303 B\*1302/5801 (Bw4/Bw4) C\*0302/0602

EC-#9 A\*1101/1101 B\*5201/5301 (Bw4/Bw4) C\*0304/1203

EC-#10 A\*0203/2402 B\*1513/5201 (Bw4/Bw4) C\*0702/0801

HVLpt-#1 A\*0207/0207 B\*4601/4601 (Bw6/Bw6) C\*0102/0102

HVLpt-#2 A\*1101/1101 B\*1532/3802 (Bw6/Bw4) C\*0304/0702

HVLpt-#3 A\*1101/1102 B\*4001/5502 (Bw6/Bw6) C\*0702/1203

HVLpt-#4 A\*0207/1103 B\*4601/5101 (Bw6/Bw4) C\*0102/0702

HVLpt-#5 A\*0207/2407 B\*1501/3505 (Bw6/Bw6) C\*0303/0401

HVLpt-#6 A\*1101/1101 B\*1501/4001 (Bw6/Bw6) C\*0304/0702

HVLpt-#7 A\*0207/1101 B\*1502/4601 (Bw6/Bw6) C\*0102/0801

HVLpt-#8 A\*1101/1101 B\*4001/5401 (Bw6/Bw6) C\*0702/1203

HVLpt-#9 A\*0203/2402 B\*1512/2704 (Bw6/Bw4) C\*0303/1202

HVLpt-#10 A\*0207/1101 B\*4002/4801 (Bw6/Bw6 C\*0702/0822