**S5 Table. Count and frequency of *HLA-A, -B*  and *-C* alleles in the HIVcohort.**

a This includes: people who were not typed at the 4-digit level for *A\*30* (and are potentially carrying *A\*30:01* or *A\*30:02*) and people who had been typed at the 4-digit level but were not carrying *A\*30:01* or *A\*30:02*. Similar for *B\*58-rest* and *B\*15-rest.*

|  |  |  |
| --- | --- | --- |
| HLA | Allele count | Allele frequency |
| *A\*01* | 58 | 1.531959852 |
| *A\*02* | 138 | 3.645007924 |
| *A\*03* | 98 | 2.588483888 |
| *A\*07* | 1 | 0.026413101 |
| *A\*11* | 3 | 0.079239303 |
| *A\*23* | 115 | 3.037506603 |
| *A\*24* | 32 | 0.845219229 |
| *A\*26* | 15 | 0.396196513 |
| *A\*28* | 1 | 0.026413101 |
| *A\*29* | 112 | 2.958267301 |
| *A\*30:01* | 111 | 2.9318542 |
| *A\*30:02* | 68 | 1.796090861 |
| *A\*30-resta* | 44 | 1.16217644 |
| *A\*31* | 4 | 0.105652404 |
| *A\*32* | 11 | 0.29054411 |
| *A\*33* | 30 | 0.792393027 |
| *A\*34* | 55 | 1.452720549 |
| *A\*36* | 8 | 0.211304807 |
| *A\*39* | 1 | 0.026413101 |
| *A\*43* | 31 | 0.818806128 |
| *A\*66* | 71 | 1.875330164 |
| *A\*68* | 174 | 4.595879556 |
| *A\*74* | 71 | 1.875330164 |
| *A\*80* | 10 | 0.264131009 |
| *B\*02* | 1 | 0.026413101 |
| *B\*07* | 66 | 1.743264659 |
| *B\*08* | 76 | 2.007395668 |
| *B\*13* | 27 | 0.713153724 |
| *B\*14* | 43 | 1.135763339 |
| *B\*15:03* | 117 | 3.090332805 |
| *B\*15:10* | 108 | 2.852614897 |
| *B\*15-resta* | 35 | 0.924458531 |
| *B\*18* | 34 | 0.898045431 |
| *B\*27* | 1 | 0.026413101 |
| *B\*35* | 26 | 0.686740623 |
| *B\*39* | 31 | 0.818806128 |
| *B\*40* | 5 | 0.132065504 |
| *B\*41* | 13 | 0.343370312 |
| *B\*42* | 147 | 3.882725832 |
| *B\*44* | 98 | 2.588483888 |
| *B\*45* | 42 | 1.109350238 |
| *B\*47* | 2 | 0.052826202 |
| *B\*49* | 9 | 0.237717908 |
| *B\*50* | 4 | 0.105652404 |
| *B\*51* | 8 | 0.211304807 |
| *B\*52* | 1 | 0.026413101 |
| *B\*53* | 27 | 0.713153724 |
| *B\*54* | 1 | 0.026413101 |
| *B\*57* | 40 | 1.056524036 |
| *B\*58:01* | 65 | 1.716851558 |
| *B\*58:02* | 139 | 3.671421025 |
| *B\*58-resta* | 9 | 0.237717908 |
| *B\*67* | 5 | 0.132065504 |
| *B\*71* | 5 | 0.132065504 |
| *B\*72* | 1 | 0.026413101 |
| *B\*81* | 71 | 1.875330164 |
| *B\*82* | 5 | 0.132065504 |
| *C\*01* | 4 | 0.105652404 |
| *C\*02* | 144 | 3.803486529 |
| *C\*03* | 90 | 2.377179081 |
| *C\*04* | 134 | 3.53935552 |
| *C\*05* | 9 | 0.237717908 |
| *C\*06* | 207 | 5.467511886 |
| *C\*07* | 249 | 6.576862124 |
| *C\*08* | 76 | 2.007395668 |
| *C\*12* | 31 | 0.818806128 |
| *C\*14* | 5 | 0.132065504 |
| *C\*15* | 12 | 0.316957211 |
| *C\*16* | 70 | 1.848917063 |
| *C\*17* | 159 | 4.199683043 |
| *C\*18* | 72 | 1.901743265 |