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Comparative global haplotype analyses of classical HLA genes in families for the 17th International HLA and Immunogenetics Workshop by Kazutoyo Osoegawa, 2018 Genotype frequencies are based on data submitted by laboratories applying different platforms and/or reagents for NGS HLA typing. Genotyping was performed using IPD-IMGT/HLA Database version 3.25.0 as reference.

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Abbreviations

Populations

Abbreviations: Global, Sum of all populations included in the study; AFA, African Americans; ARGENTINA, Argentinian; ASI, Asian; AUSTRIA, Austrian; CHINA, Chinese; CZECH, Individuals from Czech Republic; EGYPT, Egyptian; EUR, individuals from Northern and Western Europe; GERMANY, German; GREECE, individuals from mainland Greece; HIS, Spanish speaking individuals residing in the USA; ITALY, Italian; KUWAIT, Kuwaiti; SWITZERLAND, Swiss; OTHER, individuals of unknown origin.

Table legends

Abbreviations: Hap, Haplotype; Parent Count, Count for parents only; Subject Count, Count for all subjects; ABS or blank field, absent (DRB3, DRB4, DRB5); Family Count, number of families in which the allele or haplotype is present; Sample Count, number of samples in which the allele or haplotype is present.

Loci tested

The following populations were tested for all 11 loci (HLA-A, HLA-B, HLA-C, HLA-DRB1, HLA-DRB3, HLA-DRB4, HLA-DRB5, HLA-DQA1, HLA-DQB1, HLA-DPA1, HLA-DPB1):

- ARGENTINA, ASI, AUSTRIA, CZECH, EGYPT, EUR, GERMANY, GREECE, HIS, KUWAIT, SWITZERLAND, OTHER.
- The following populations were tested for 6 loci (HLA-A, HLA-B, HLA-C, HLA-DRB1, HLA-DQB1, HLA-DPB1): Global, CHINA, ITALY