Genetic similarity of chromosome 6 between patients receiving hematopoietic stem cell transplantation and HLA matched sibling donors

Hannu Turpeinen,[1] Liisa Volin,[2] Lauri Nikkinen,[3] Pauli Ojala,[1] Aarno Palotie,[4-8] Janna Saarela,[5-9] and Jukka Partanen[1]

[1]Research and Development, Finnish Red Cross Blood Service, Helsinki, Finland; [2]Department of Medicine, Helsinki University Central Hospital, Helsinki, Finland; [3]Blood Component Expertise, Finnish Red Cross Blood Service, Helsinki, Finland; [4]Department of Clinical Chemistry, University of Helsinki, Finland; [5]The Finnish Institute for Molecular Medicine (FIMM); [6]Finnish Genome Center, University of Helsinki, Finland; [7]The Wellcome Trust Sanger Institute, Hinxton, Cambridge, UK; [8]The Broad Institute of MIT and Harvard, Cambridge, MA, USA, and [9]Department of Molecular Medicine, National Public Health Institute, Helsinki, Finland

Online Supplementary Table S1. The detailed clinical characteristics for patients in the study.

Pair	Disease	Graft type	Conditioning
1	acute lymphoblastic leukemia	PB	myeloablative
2	acute myelogenous leukemia	PB	myeloablative
3	acute myelogenous leukemia	BM	myeloablative
4	non-Hodgkin lymphoma	PB	non-myeloablative
5	chronic lymphoblastic leukemia	PB	non-myeloablative
6	myelofibrosis	BM	myeloablative
7	non-Hodgkin lymphoma	PB	non-myeloablative
8	acute myelogenous leukemia	BM	myeloablative
9	acute myelogenous leukemia	BM	myeloablative
10	acute lymphoblastic leukemia	BM	myeloablative
11	acute lymphoblastic leukemia	BM	myeloablative
12	chronic myelogenous leukemia	PB	myeloablative
13	multiple myeloma	PB	non-myeloablative
14	acute lymphoblastic leukemia	BM	myeloablative
15	chronic myelogenous leukemia	BM	myeloablative
16	acute lymphoblastic leukemia	BM	myeloablative
17	multiple myeloma	BM	myeloablative
18	multiple myeloma	BM	myeloablative
19	multiple myeloma	PB	non-myeloablative
20	acute lymphoblastic leukemia	PB	myeloablative
21	multiple myeloma	PB	non-myeloablative
22	chronic myelogenous leukemia	BM	myeloablative
23	chronic myelogenous leukemia	PB	myeloablative
24	multiple myeloma	BM	myeloablative
25	chronic myelogenous leukemia	BM	myeloablative
26	acute myelogenous leukemia	PB	myeloablative
27	chronic myelogenous leukemia	BM	myeloablative
28	acute lymphoblastic leukemia	BM	myeloablative
29	myelodysplastic syndrome	PB	myeloablative
30	myelodysplastic syndrome	PB	myeloablative
31	multiple myeloma	BM	myeloablative
32	chronic myelogenous leukemia	BM	myeloablative
33	multiple myeloma	PB	non-myeloablative

Online Supplementary Table S2. Genes mapped to the longest and shortest IBS regions around HLA genes among 33 sibling pairs (*Refer to corresponding Turpeinen Suppl Table 2.pdf file*).

Online Supplementary Table S3. Statistically significant genotypic case-control associations observed. All nominally ($p<0.05$) statistically significant results for patients' and donors' genotypes as well as for GvH directed patient-donor differences versus acute and chronic GvHD are displayed (*Refer to corresponding Turpeinen Suppl Table 3.pdf file*).

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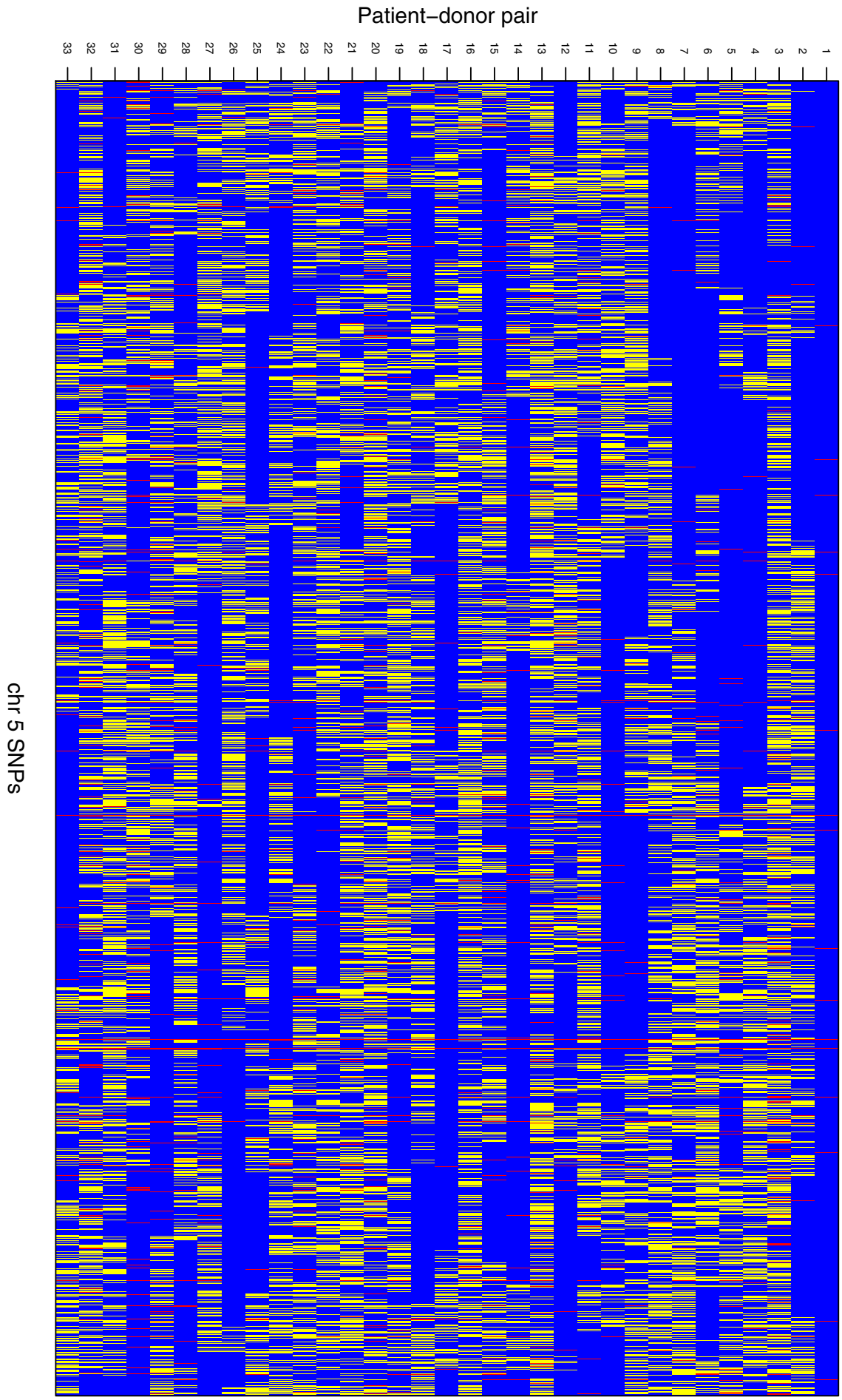
Patient–donor pair
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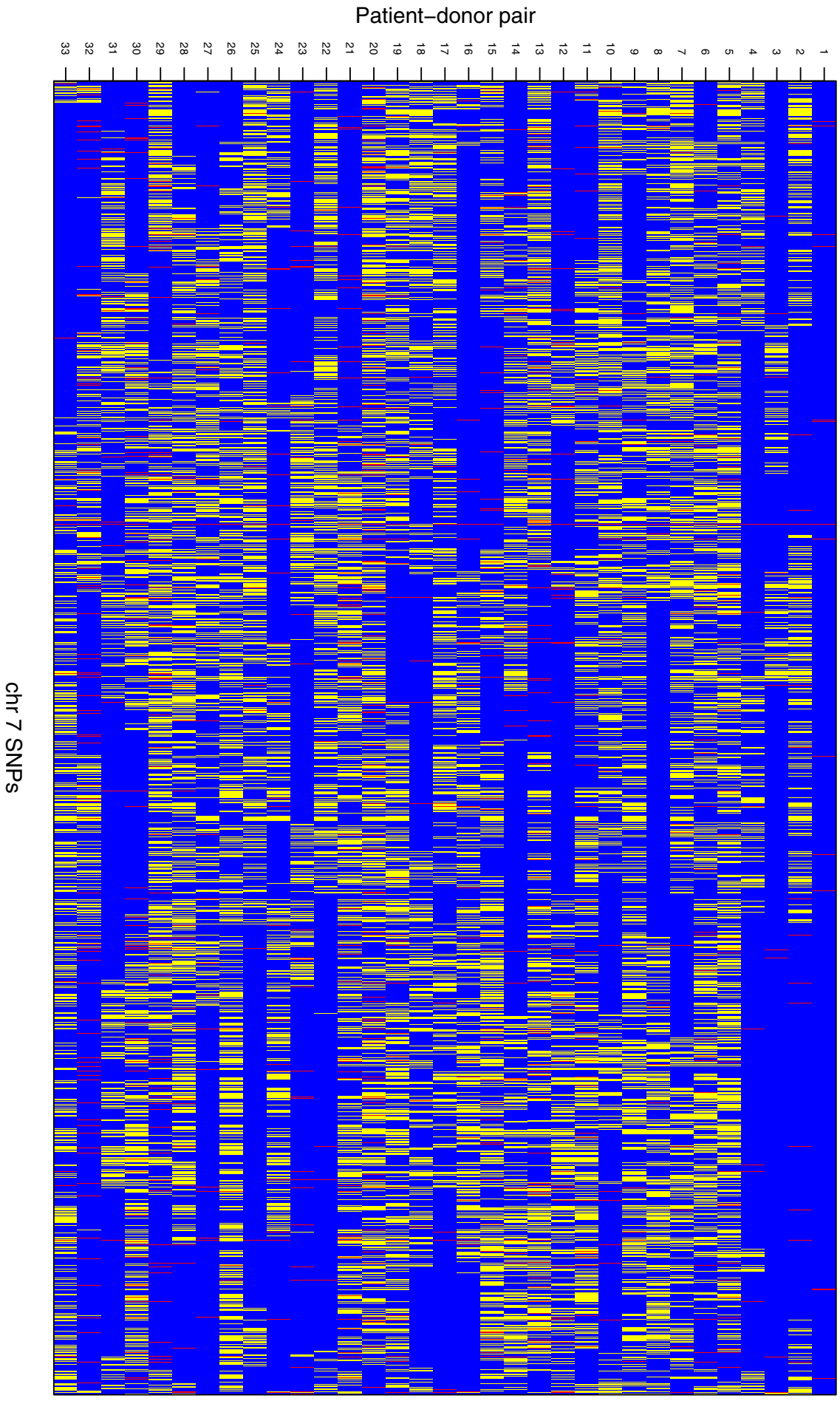
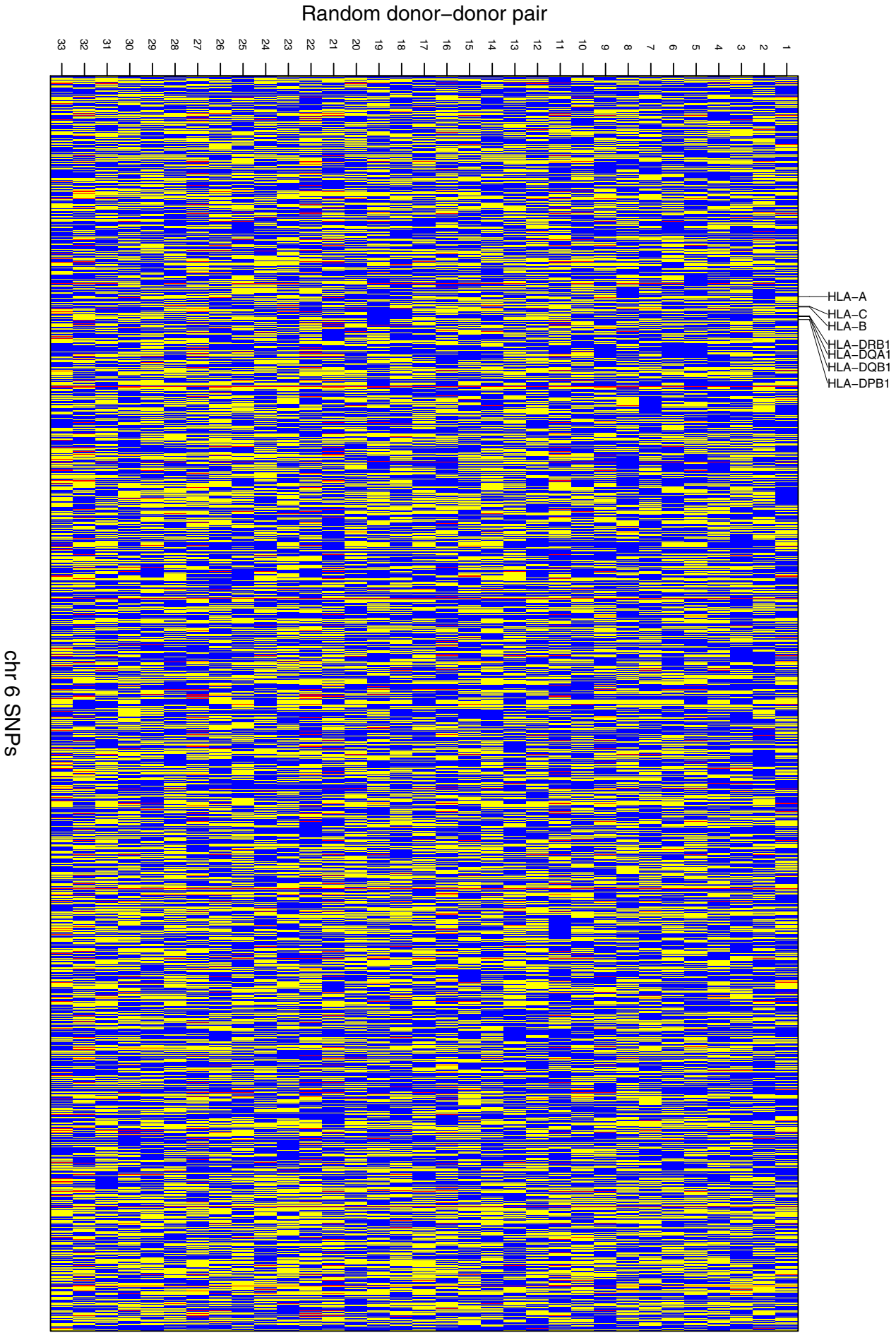
chr 5 SNPs



Online Supplementary Figures S1A and S1B. The SNPs on chromosome 5 (a) and 7 (b) IBS between HSCT sibling pairs. Blue stripes represent similar genotypes and yellow stripes different genotypes between siblings. Red stripes are SNPs where genotyping of either patient or donor was not successful and thus no similarity could be determined. Note: Markers in Figure S1a and S1b are not in physical scale; i.e. each blue, yellow or red stripe represents one SNP, and the distance between neighboring SNPs differs along the chromosome.



Online Supplementary Figure S2. The SNPs on chromosome 6 IBS between randomly selected donors. Blue stripes represent similar genotypes and yellow stripes different genotypes between donors. Red stripes are SNPs where genotyping of either sample was not successful and thus no similarity could be determined. Note: Markers in Figure S2 are not in physical scale; i.e. each blue, yellow or red 'stripe' represents one SNP, and the distance between neighbouring SNPs differs along the chromosome.