

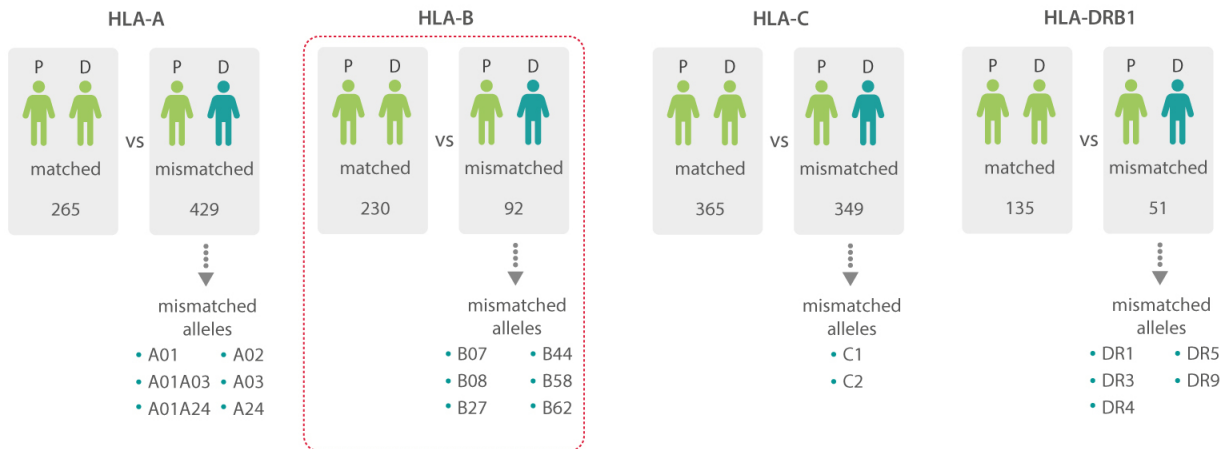
Avoiding HLA-B supertype mismatch can serve as a novel strategy to mitigate the risk of grade II-IV aGVHD in 7/8 MMUD HCT when multiple potential HLA-B supertypematched donors are available



1934 patients with acute leukemias or myelodysplasia/myeloproliferative disorders



patients followed single-allele mismatched unrelated donor myeloablative conditioning hematopoietic cell transplantation



Supertype B mismatch



↑ risk of grade II-IV acute graft-versus-host disease

Supertype B07-B44 mismatch



↑ incidence of grade II-IV and III-IV acute graft-versus-host disease