A novel HLA loss assay revealing partial HLA loss

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Aim:

Genomic loss of mismatched HLA alleles is a possible driver of relapse after hematopoietic stem cell transplantation (HSCT), especially in a haploidentical transplant. Early detection of HLA loss is needed for comprehensive clinical decision making. Here, we present a Next-Generation Sequencing (NGS) based method for sensitive HLA loss detection in combination with GenDx NGStrack® chimerism measurements.



