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Somatic mutations of cell-free circulating DNA detected by Next Generation Sequencing reflect the genetic changes in both Germinal Center B-Cell like and Activated B-Cell like Diffuse Large B-Cell Lymphoma tumors at the time of diagnosis

Disclosures: The authors have no conflicts of interest to declare

Contributions: Contributions: EB and CM performed PGM and Sanger sequencing experiments; FJ and EB designed the study; FJ, HT and CB supervised the experiments and provided clinical data; PJV, SM and PB performed bioinformatics and designed pipeline analysis; JMP performed histopathological review; PR performed Sanger analysis; FJ, KL, TF, EB, PB and PR designed the lymphopanel. All authors were involved in the manuscript writing and approved the final manuscript.