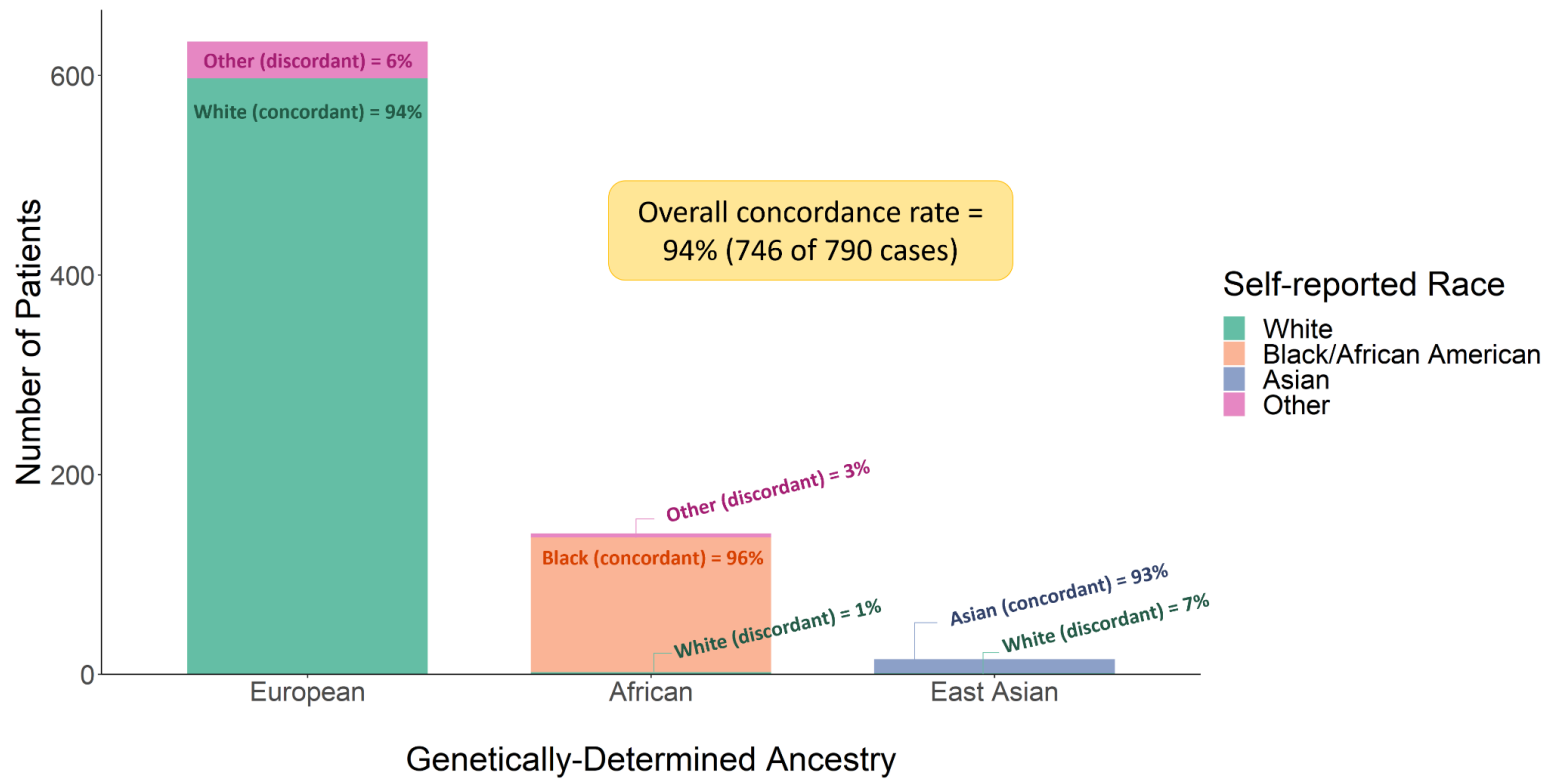


**SUPPLEMENTARY FIGURE 4: Concordance of Genetically-Determined Ancestry and Self-Reported Race in a subset of patients from the Discovery Cohort (MMRF CoMMpass dataset)**



We conducted an analysis in a subset of 790 patients from the MMRF CoMMpass dataset (55% of the full cohort of 1435 patients), and compared genetically-determined ancestry against self-reported race. Cases were defined as "concordant" when genetically-determined ancestry (European, African, and East Asian) matched the corresponding self-reported race categories (White, Black/African American, and Asian, respectively). In this subset, we observed a high concordance rate of 94% (746 out of 790 cases), suggesting a strong alignment between genomic ancestry and self-reported race. This high degree of concordance is consistent with findings from other studies (PMID 27768889). Consequently, we chose to accept self-reported race as a surrogate for genetically-determined ancestry in our analysis.