

**SUPPLEMENTARY FIG. S2.** Demographics and invasive breast carcinoma sample population distribution of PBMC donors. (a) Venn diagram reporting total sample population percentages of invasive ductal carcinoma (82%), invasive ductal/lobular carcinomas (2%), ductal carcinoma in situ (5%), infiltrating lobular carcinoma (7%), and invasive lobular carcinoma (4%). (b) Table of patient donor demographics reporting a number of African American (AA), Caucasian (C), and unknown race patients (U). (c) Tabular representation of total sample population percentages for each racial group.