

**S11 Fig**. Violin plots of the breast and prostate cancer PRS distributions in in the Michigan Genomics Initiative Study. Breast cancer (right) and prostate cancer (left) GPRS (GWAS hit-based; top) and CSPRS (PRS-CS-based PRS , bottom) stratified by ancestry group are shown. Black vertical lines indicate 25, 50, and 75% quantiles within the ancestry-specific case (orange) and control (green) distributions. Red lines indicate 10% quantiles of the corresponding MGI PRS distribution in all controls. Sample sizes for each sub-set can be found in **S7 Table**