



Figure S1. Derivation of ER, PR and HER2 status from gene expression data. Gene expression measurements of *ESR1*, *PGR* and *ERBB2* were used to determine ER, PR and HER2 status, respectively. Receiver operating characteristic (ROC) curves generated from samples with available immunohistochemical data showed large areas under curves (AUC), indicating high discriminatory power of the gene expression measurements. Density plots revealed bimodal distributions of *ESR1*, *PGR* and *ERBB2* expression across all samples and were used to determine arbitrary expression cut-offs (marked as dashed lines) defining ER, PR, and HER2 status, respectively.