Figure S2. PCA plots visualizing molecular subtype classifications. PCA plots show 253 breast tumor samples plus the 5 PAM50 centroids defined by Parker et al., 2009. The 50 genes comprising PAM50 were used to construct the PCA plots. A: Black dots represent breast tumor samples and colored dots represent the PAM50 centroids. B: Colored dots represent the molecular subtype of all 253 samples and white dots are the PAM50 centroids. C-F: The molecular subtypes are highlighted for sporadic samples, non-BRCA1/2 samples, BRCA1 samples, and BRCA2 samples, respectively.

A: PAM50 centroids
B: Molecular subtypes
C: Sporadic tumors
D: non-BRCA1/2 tumors
E: BRCA1 tumors
F: BRCA2 tumors

- Basal-like
- HER2-enriched
- Luminal A
- Luminal B
- Normal-like