

Supplementary Tables:

Supplementary Table S1: CDK12 expression in relation to clinicopathological parameters for the unselected TMA series

Supplementary Table S2: CDK12 expression in relation to clinicopathological parameters for the HER2-positive Herceptin treated series

Supplementary Table S3: CDK12 expression in relation to clinicopathological parameters for the METABRIC TMA series

Supplementary Table S4: Univariate and multivariate analysis of CDK12 in the TMA cohorts

Supplementary Table S5: CDK12 mutations in breast cancer. Taken from cBioportal (42,43).

Supplementary Table S6: Correlations of CDK12 mutations, methylation, gene expression and ERBB2 copy number in primary breast cancers from TCGA

Supplementary Table S7: Correlations of CDK12 mutations and gene expression of DNA repair genes in primary tumors from METABRIC. P values from heteroscedastic 2-tailed, t-test

Supplementary Table S8: Correlations of CDK12 protein expression, and miRNA expression in primary tumors from METABRIC. Wilcoxon rank P values are corrected for multiple testing.

Supplementary Table S9: Correlations of CDK12 protein expression and gene expression of DNA repair genes in primary tumors from METABRIC. Limma analysis corrected for multiple testing.

Supplementary Table S10: Association of CDK12 absent and intermediate (0, 2-6) versus high (7-8) expression with DNA repair proteins in unselected and TNBC. P values from Fishers exact test.