



Figure S5. Combination treatment based on FLIM-FRET screening. (A) MTT assays shows treatment of 10 μ M tamoxifen and 100 μ M anacardic acid for 24 h. $n=3$, * $p<0.05$, ** $p<0.01$. (B) MTT assay shows treatment of 10 μ M tamoxifen and 50 μ M anacardic acid for 48 h from 2 independent assays (C) Combination treatment of TAM (4mg kg^{-1}) with AA (0.3mg kg^{-1}) did not show enhanced treatment effect in mice MCF7 cell xenograft. Mean \pm s.e.m, $n=5$. (D) qRT-PCR of TFF1, CCND1 and GREB1 genes from three different mice tumors. For each gene, left to right as Control, TAM 4mg kg^{-1} , AA 1mg kg^{-1} and TAM 4mg kg^{-1} +AA 1mg kg^{-1} . $n=3$