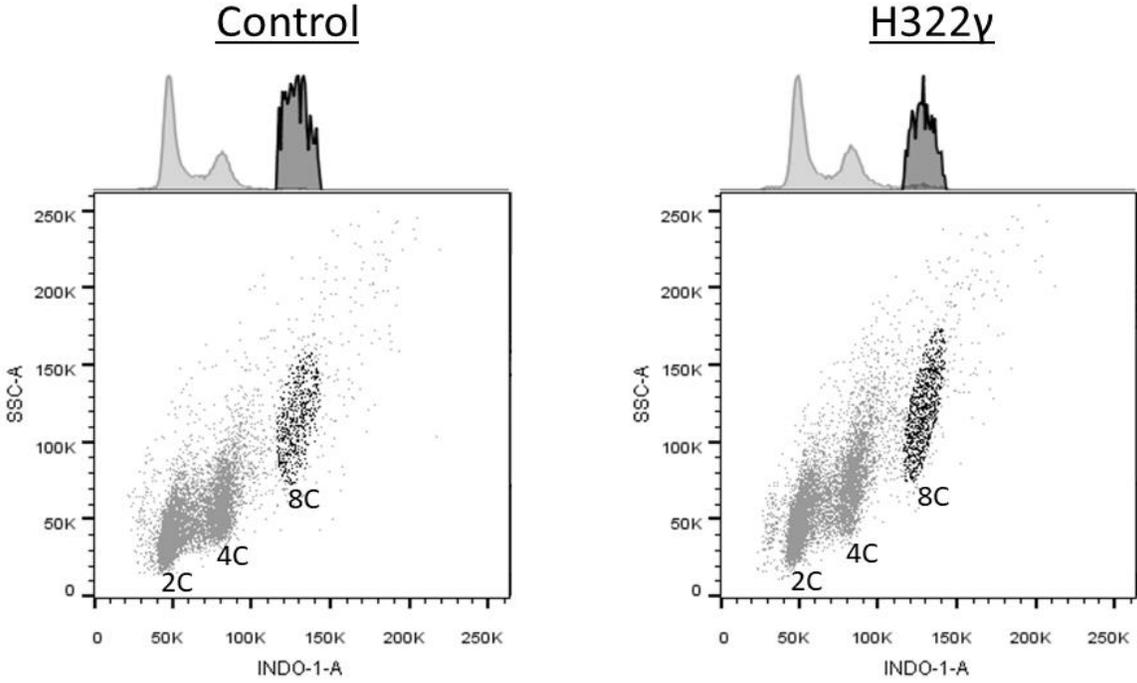
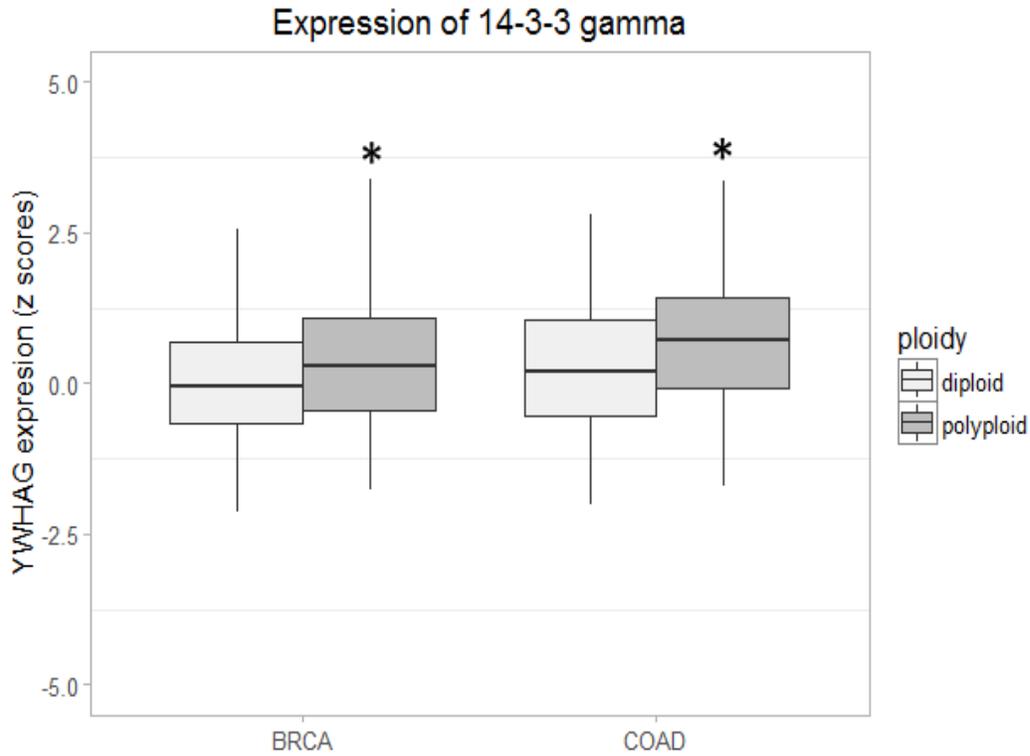


The induction of endoreduplication and polyploidy by elevated expression of 14-3-3 γ - Gomes et al



Supplemental figure 1: Sorting of polyploid cells.

Cells were stained with Hoechst 33342. Individual polyploid cells with approximately 8C DNA content (Dark grey) were sorted from the control population (left) and from H322 γ cells (right) into individual wells of a 96-well plate with approximately 99% purity. Cell aggregates were gated out of the analysis, determined by Indo-A and Indo-W.



Supplemental figure 2: 14-3-3 γ mRNA expression is elevated in breast and colorectal tumors predicted to be genome doubled.

TCGA's Illumina mRNA RSEM normalized z-scores were evaluated in tumor samples predicted to be diploid (light gray) or polyploid (dark gray). Expression of the 14-3-3 γ gene (YWHAG) was evaluated and compared against diploid and polyploid samples. Welch's t-test was performed and statistical significance was measured at $p < 0.05$, indicated by an asterisk. [COAD= colorectal adenocarcinoma (n=183), BRCA = Breast carcinoma (n=903)].