

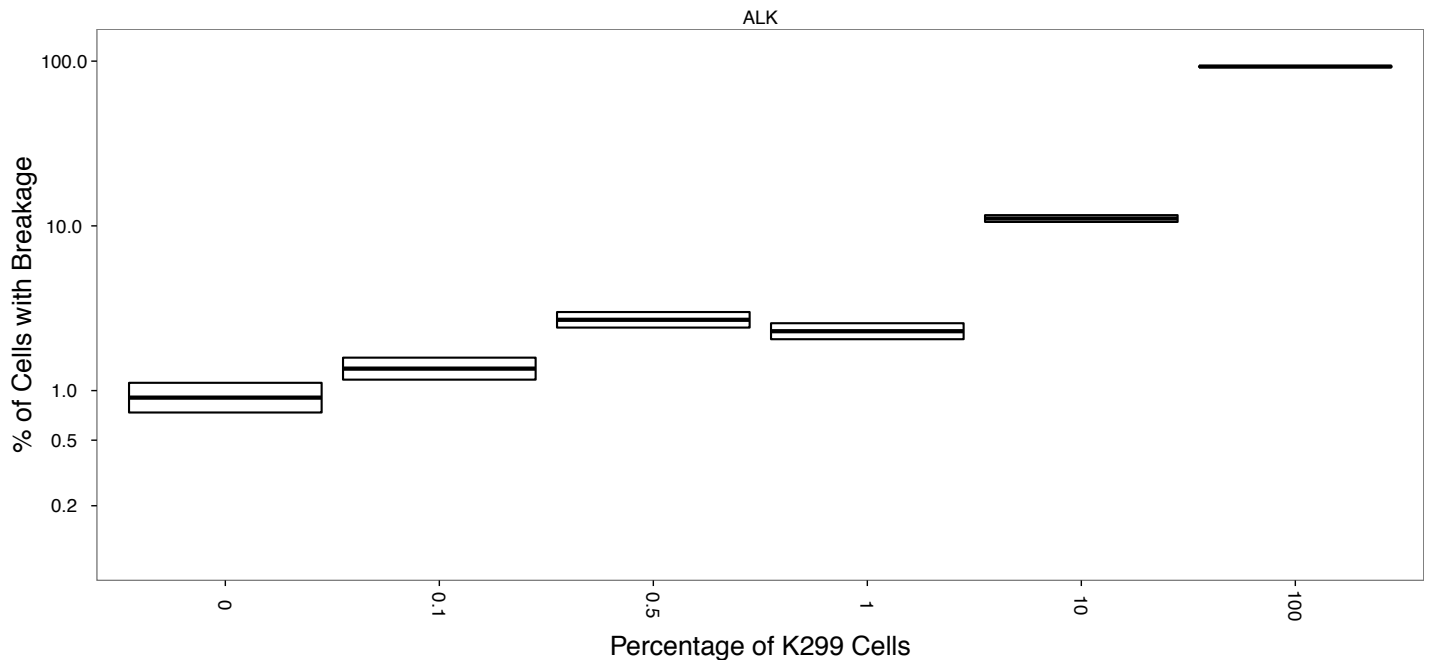
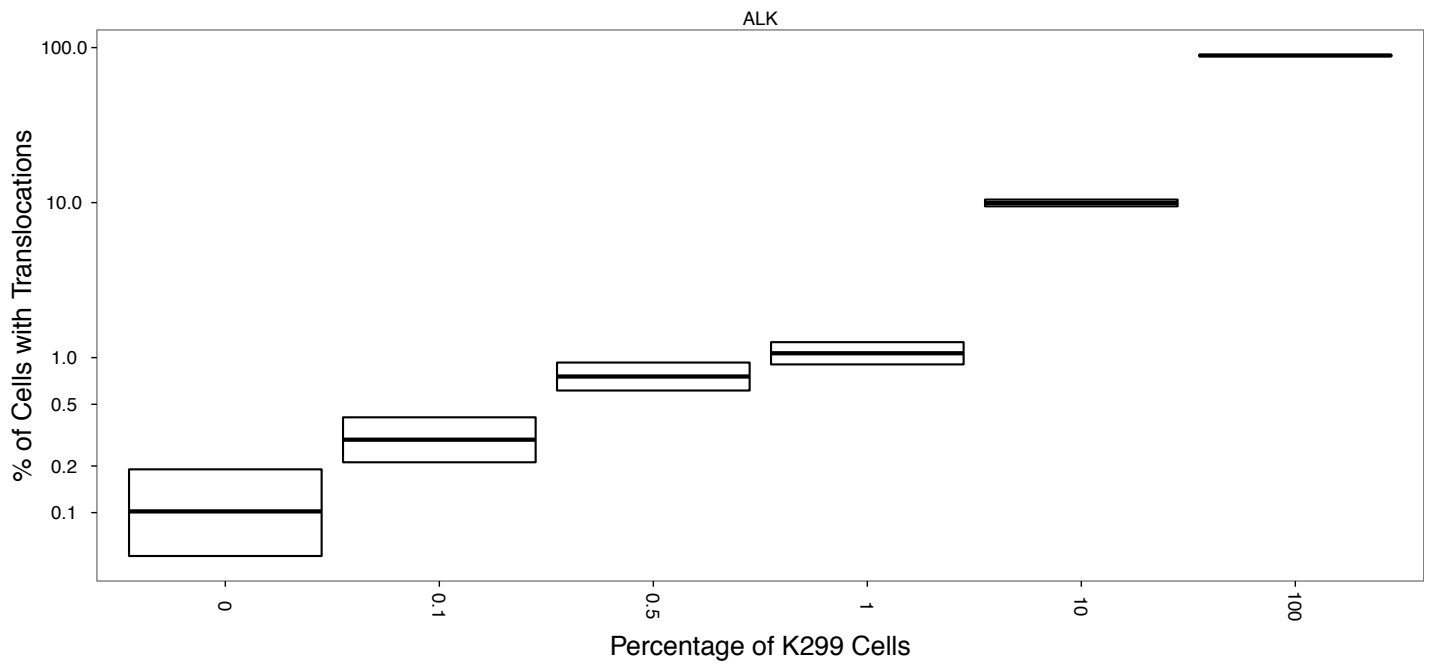
A**B**

Fig. S1. A) K299 cells were serially diluted with increasing quantities of Mac2A cells and hiBA-FISH was performed using the hiBA-FISH *ALK* probe set. The middle line in the crossbars indicates the percentage of cells with at least one *ALK* breakage event for each K299 serial dilution point. The upper and lower lines in the crossbar define the limits of the 95% confidence interval (CI) for the percentage. **B)** Same as A), but the middle line in the crossbar represents the percentage of cells with at least one *NPM1-ALK* translocation event. The upper and lower lines in the crossbar define the limits of the 95% confidence interval (CI) for the percentage.