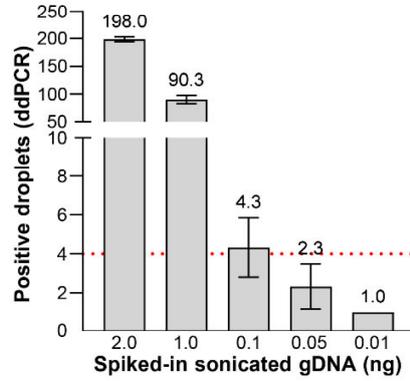
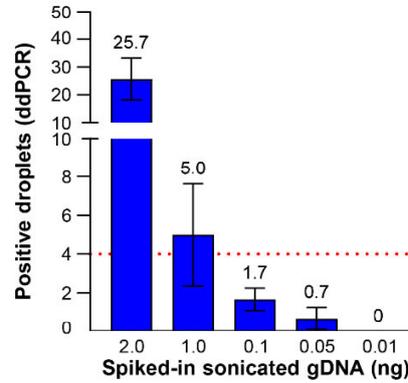


## Supplementary Figure S3

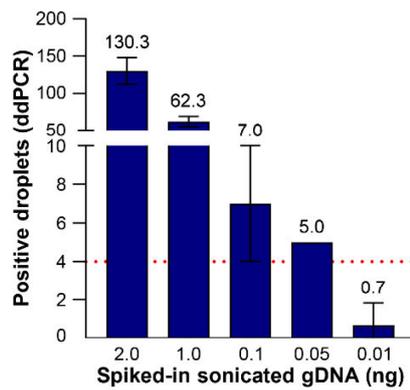
### A GI-ME-N cell line



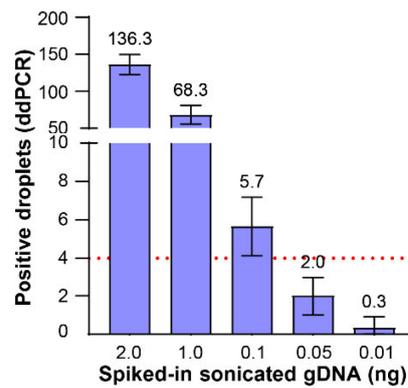
### B Patient P1



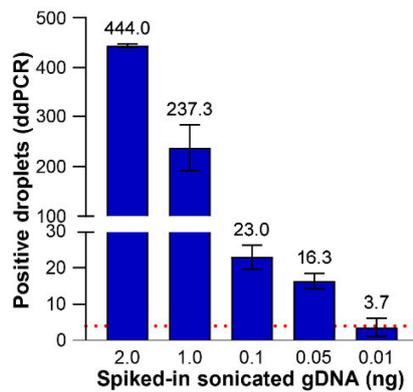
### C Patient P2



### D Patient P3



### E Patient P4



**Fig. S3. Limits of ddPCR-based *TERT* breakpoint detection for each unique assay created.** Sonicated genomic DNA from GI-ME-N cells (A) and restriction enzyme-digested DNA from tumor tissue samples (B-E) was spiked into pooled blood plasma from 11 pediatric patients with non-malignant conditions in the range of 0.01 – 2.0 ng, and bar graphs show the number of droplets in which the PCR assay was positive (mean  $\pm$ SD,  $n \geq 3$ ). A sample was scored as positive for *TERT* breakpoint detection if the number of positive droplets was  $\geq 4$  (red dashed line). Scale for droplet number is discontinuous to allow full data presentation.