



Figure S2. Validation of ddPCR drop-off assay to detect mutations mediated by gRNA512.

a *CsCRUC-G1* plasmid generates amplicons in which both drop-off (FAM) probe and reference probe (HEX) bind, resulting in only double-positive droplets. **b** A mixture *CsCRUC-G1* plasmid and *CsCRUC-G1*^{Δ4} plasmid generate wild-type amplicons in which both drop-off (FAM) probe and reference probe (HEX) bind, resulting in double-positive droplets, and $\Delta 4$ mutation-containing amplicons in which only the reference probe (HEX) binds, resulting in single-positive droplets.