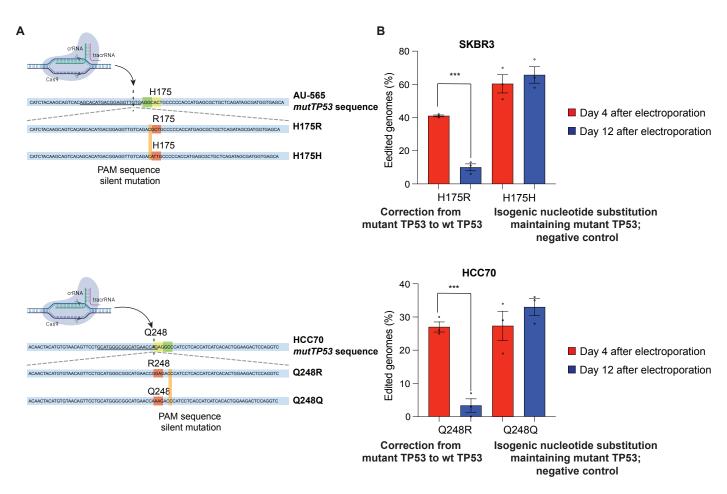
Supplementary Figure 14



Supplementary Figure S14. The impact of CRISPR-mediated homology directed repair (HDR) to convert mutant TP53 sequences into wt TP53 sequences in the SKBR3 and HCC70 human cancer cell lines

A. Schematic of the components used for electroporation. The crRNA recognition site (underlined), PAM sequence (in green) and the cut site (dashed vertical line) for the SKBR3 and HCC70 mutTP53 target sequences are presented (H175 and Q248 residues in yellow). In the lower part the HDR donor DNA sequences are represented: the modified codon (in red) together with the PAM sequence silent mutation (in orange) are reported. B. Percentages of genomes in the cancer cells described in (A) carrying the desired TP53 edits at the indicated time points. N=3 independent experiments. Individual values of biological replicates, their mean and standard error of the means (SEM) are reported