



Supplemental Figure S8. Conversion tracts of single-nick-induced HDR using ODN donors in MMR-proficient RPE+hTERT cells. (A) Schematic of the donor ODN as defined in Supplemental Fig. S7. (B) Efficiency of PGE at the PIGA locus using S (open rectangle) and AS (shaded rectangle) sgRNAs. The conversion tracts of nick-induced HDR using a S ODN in combination with an AS strand nick (C) and S strand nick (D). The positions of the SNPs and the frequency of their retention are labeled in reference to the center of the chromophore sequence. (E) Schematic diagramming a possible mechanism that explains the data in panel (C). (F) Schematic diagramming a possible mechanism that explains the data in panel (D).