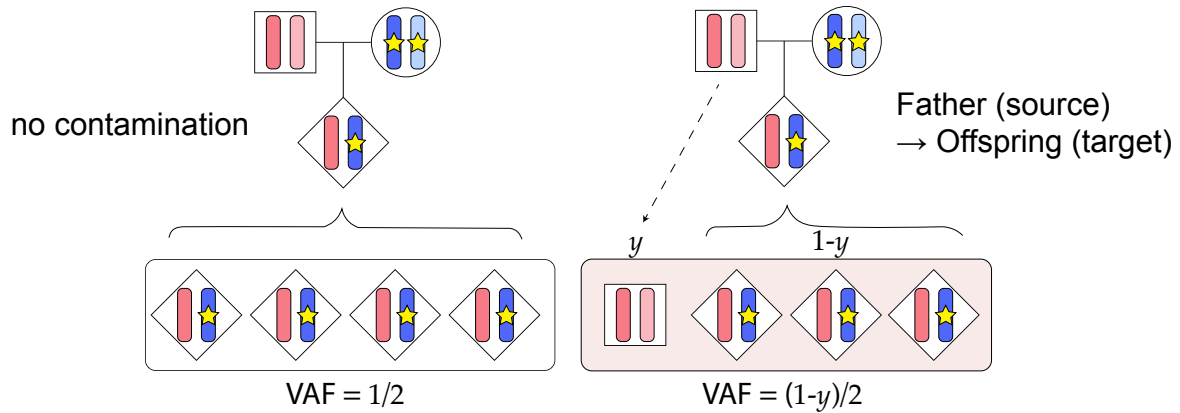
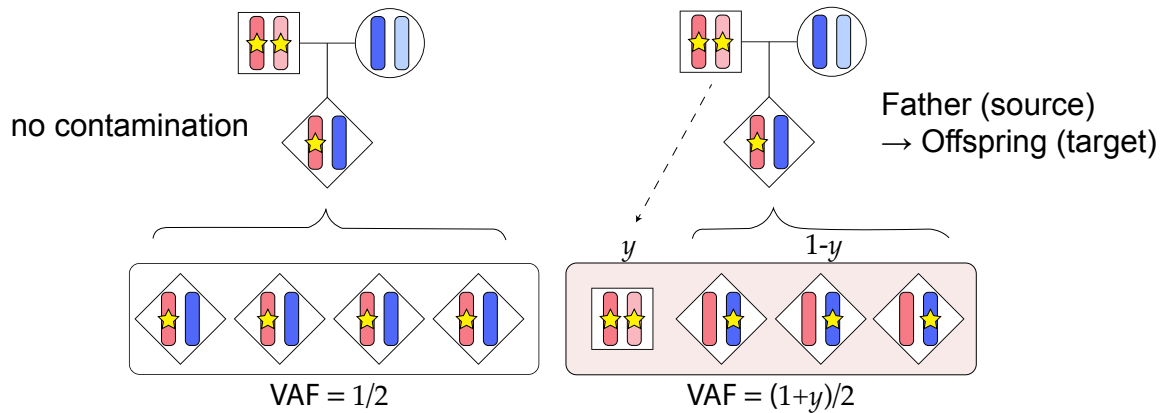


AFather (*homo-ref*) + Mother (*homo-alt*); GroupA SNPs, maternal**B**Father (*homo-alt*) + Mother (*homo-ref*); GroupA SNPs, paternal

Supplemental Figure S1. VAF changes when the father's DNA contaminates the offspring. The fraction of contaminating the father's DNA is y . Alternative alleles are shown as yellow stars. (A) For maternal GroupA SNPs, VAFs are decreased to $(1-y)/2$. (B) For paternal GroupA SNPs, VAFs increase to $(1+y)/2$.