Repping et al. **Supplementary Figure 7** Mutational pathways that can generate AZFc architecture c38. **a,** The reference AZFc architecture. The green bow indicates targets of homologous recombination for the first step of the first pathway: **b,** **c,** and **d.** The red bow indicates targets of homologous recombination for the first step of the second pathway: **e,** **f,** and **g.** **h,** Both pathways generate architecture c38. Main text Figure 4 shows FISH results for the reference AZFc architecture and architecture c38. Architecture c10 was reported in Repping, et. al, *Genomics*, 84:1046 (2004). Architecture c9 has not been observed.