



**Figure S1. Reverse mapping of dominant mutations.** Shown is the identical plot for Figure 2B, overlaid with a histogram (blue bars) of the normalized homozygous SNP count. The data were calculated in 0.5 Mb bins in the same manner as for CloudMap (Minevich *et al.*, 2012):  $[\text{number of homozygous SNPs} / (\text{number of total SNPs} - \text{number of homozygous SNPs})] \times \text{average number of total SNPs per bin, per chromosome}$ .