Chr11:23,390,024
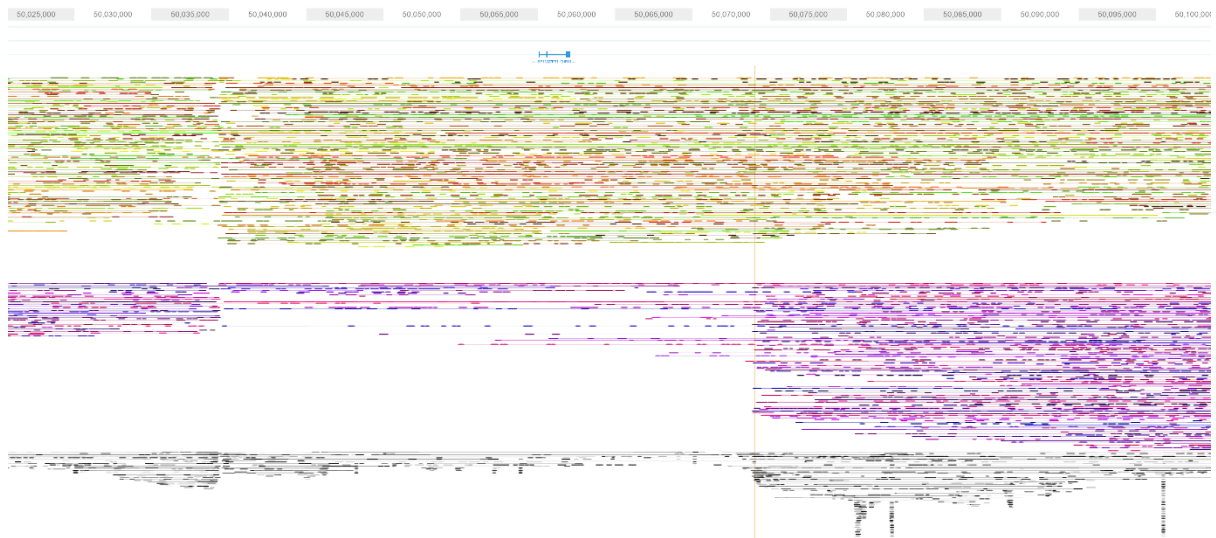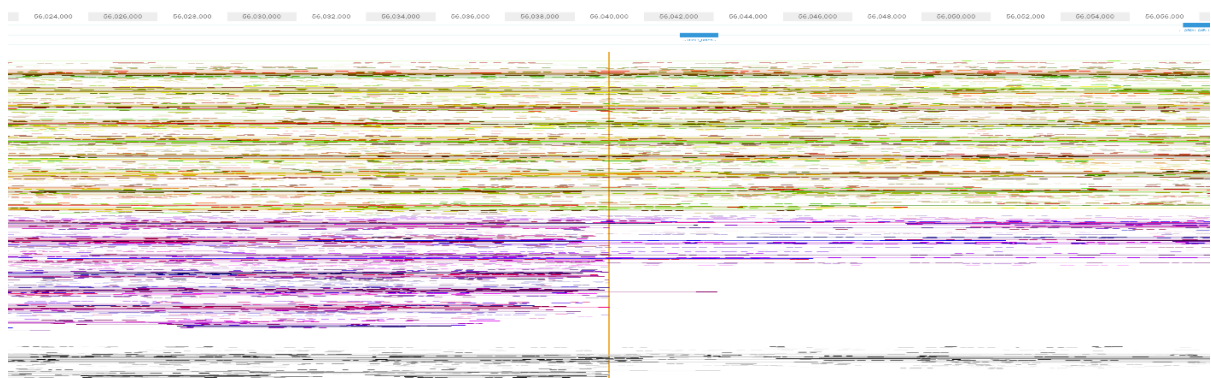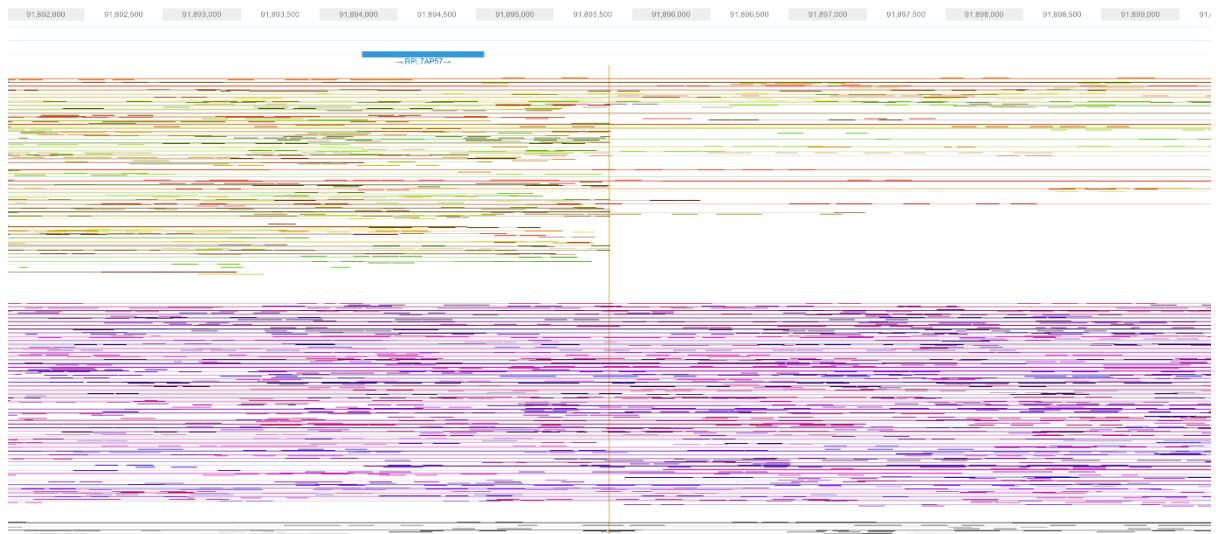

Chr11:50,093,818
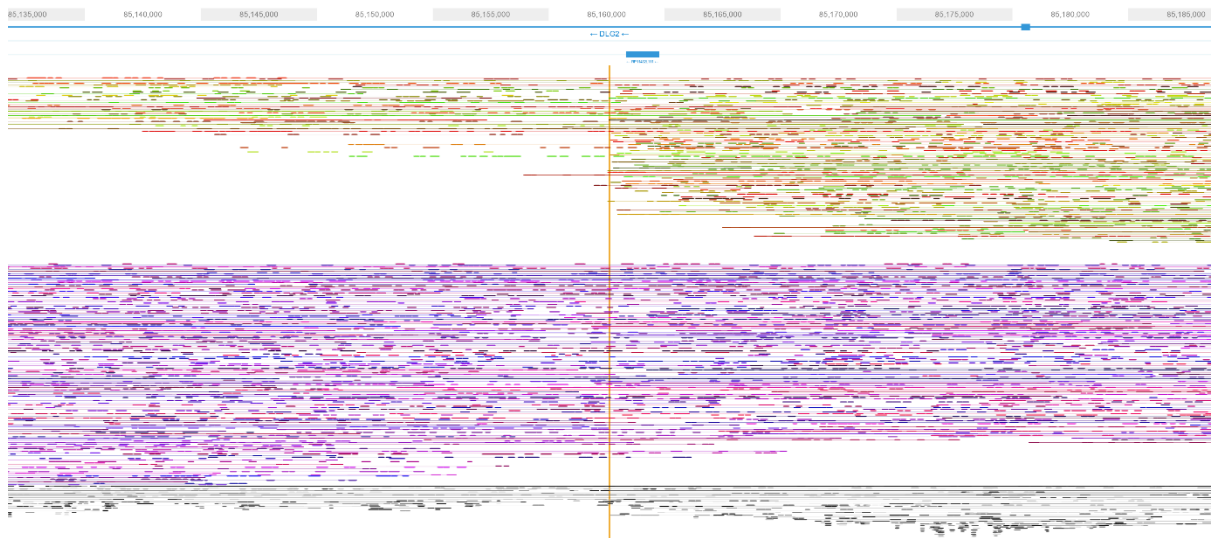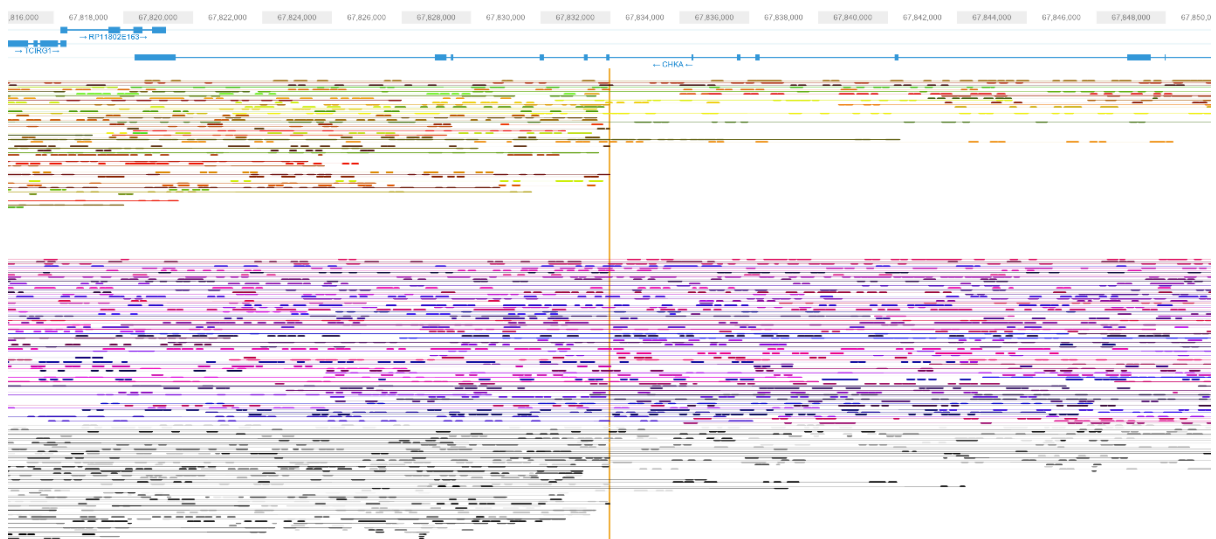

Chr11:56,040,991
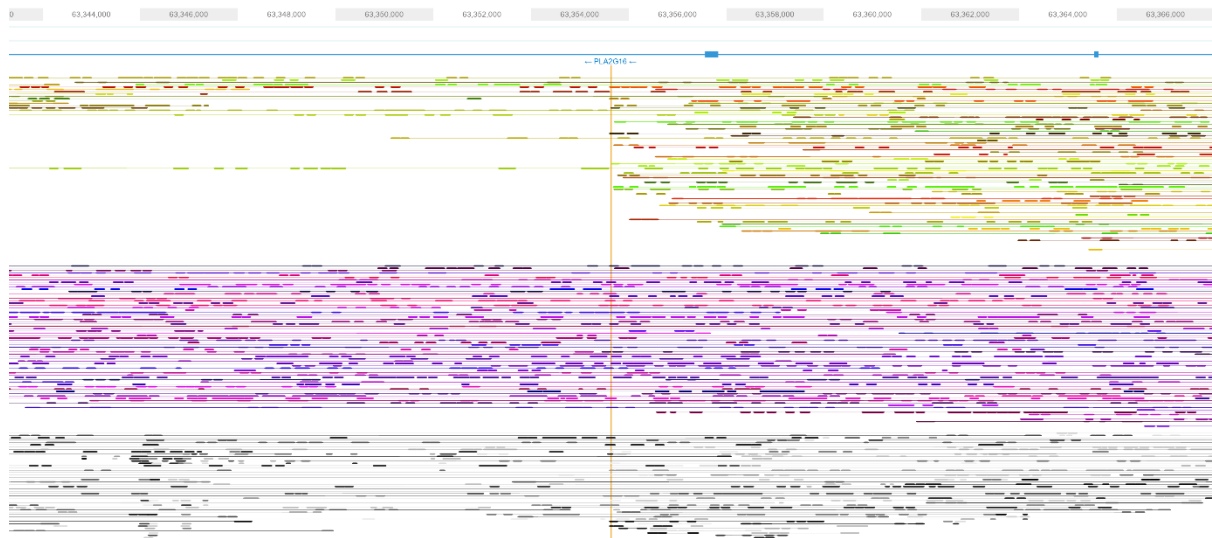
Chr11: 91,895,856

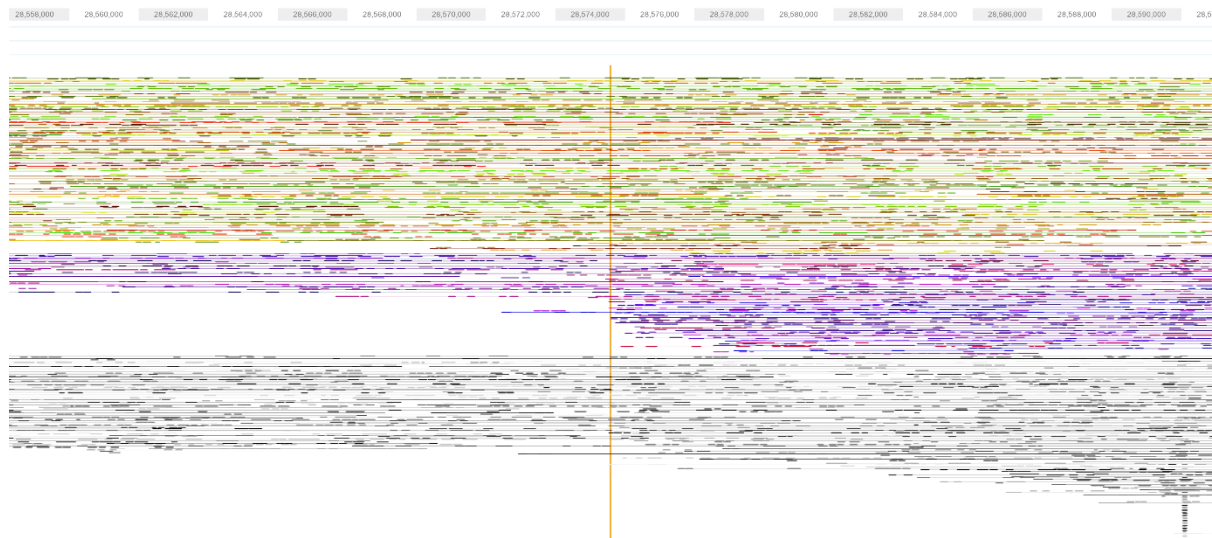# Chr11:85,162,609

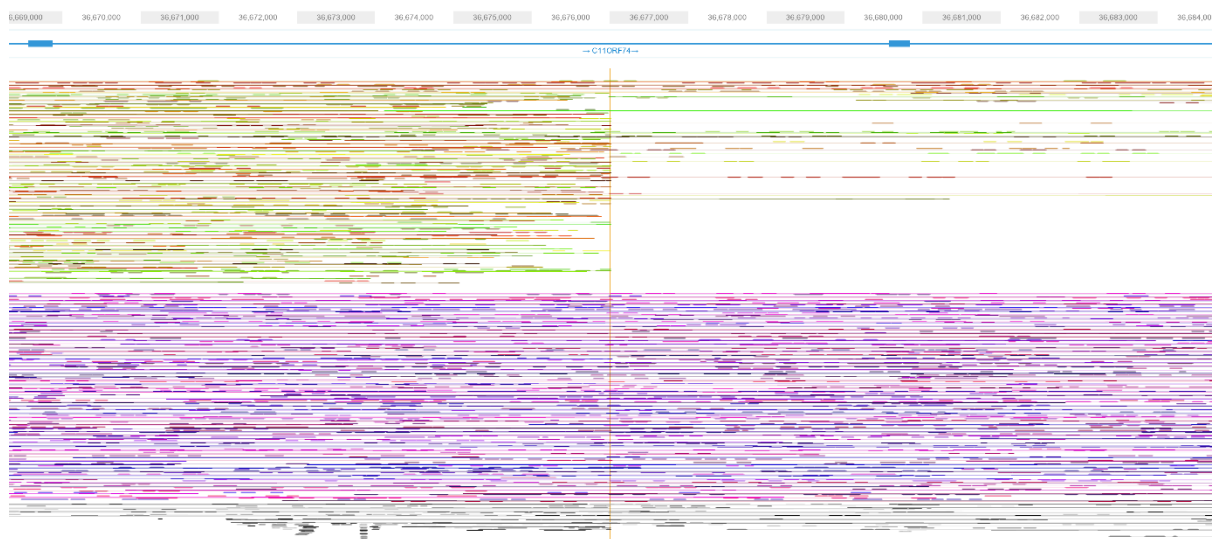# Chr11:67,833,983

Chr11:63,355,723

Chr11:28,575,572

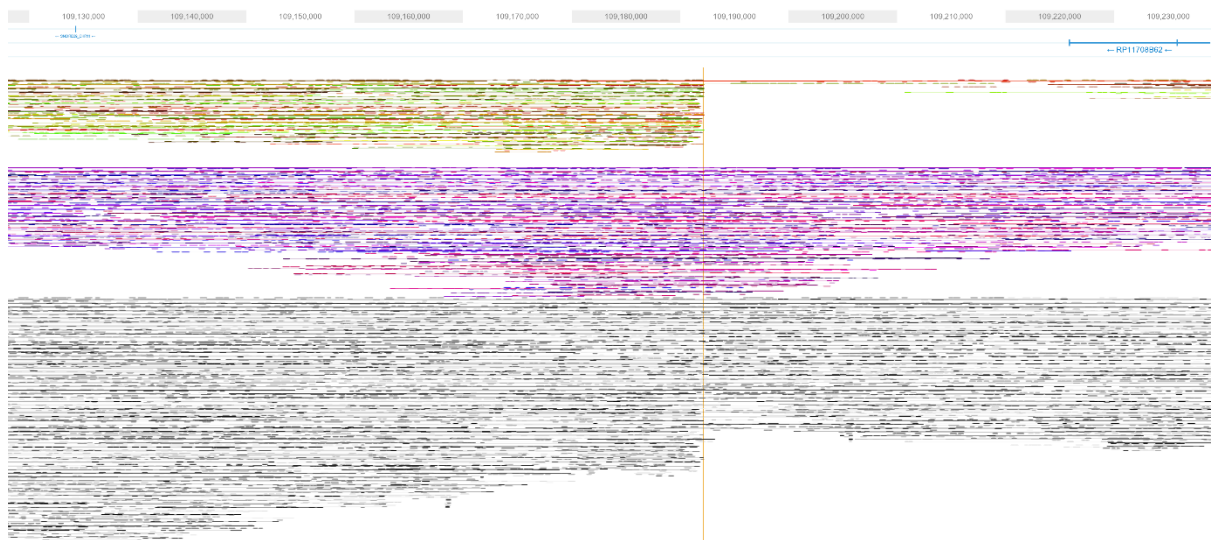## Chr11:36,677,007

Chr11:105,797,381

Chr11:109,294,342

Phase block view

Supplementary Figure S2: Breakpoints in 10x Loupe software linked-reads view.
Each bar represents a sequencing read, and those joined with a horizontal line share the same barcode. Reads are grouped by haplotype (green and purple), with unphased reads in grey. Vertical orange lines indicate putative breakpoints defined by the software. Given that the maximum region of the chromosome phased was significantly shorter than the length of Chr 11 (as indicated in the 'phase block view' plot), some breakpoints are assigned to different haplotypes, therefore haplotypes should not be compared between regions (the breakpoint appears in purple in some regions and in green in others). The copy number patterns are consistent with all breakpoints occurring on the same copy of the chromosome.