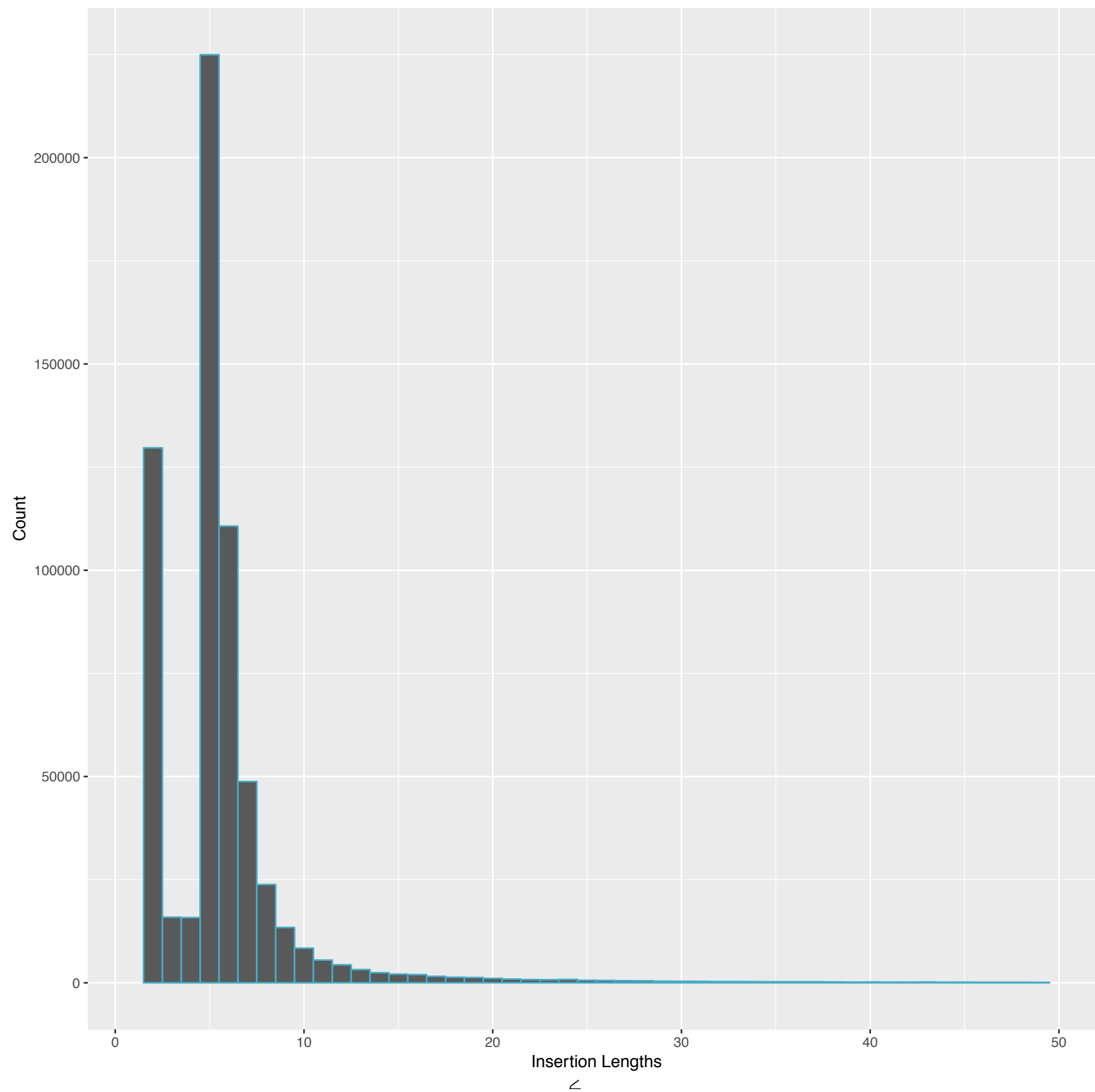


RE: “In terms of what the statistics show, we seem to have more 1-bp deletions than SNPs, which feels slightly counterintuitive to me, but which might be driven by the utilized assemblies (aren't short deletions the dominant error mode of de novo assembly?). Also, we seem to have an enrichment of deletions between 5kb and 10kb. I'm not quite sure where these come from.”

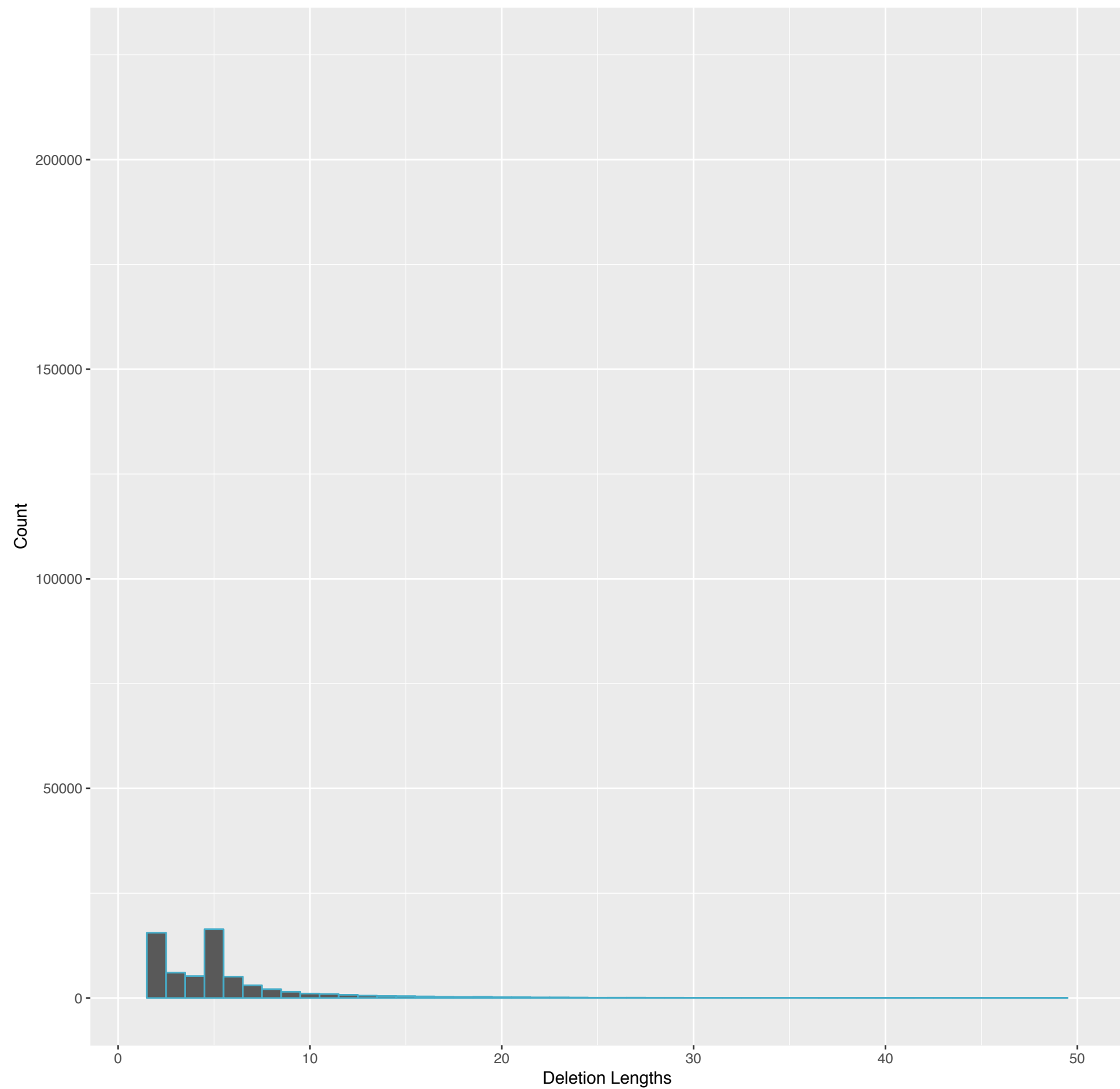
**These plots exclude deletions length = 1,
which would skew the comparison**

**These deletions are always larger in count than
all insertions length 2-50**

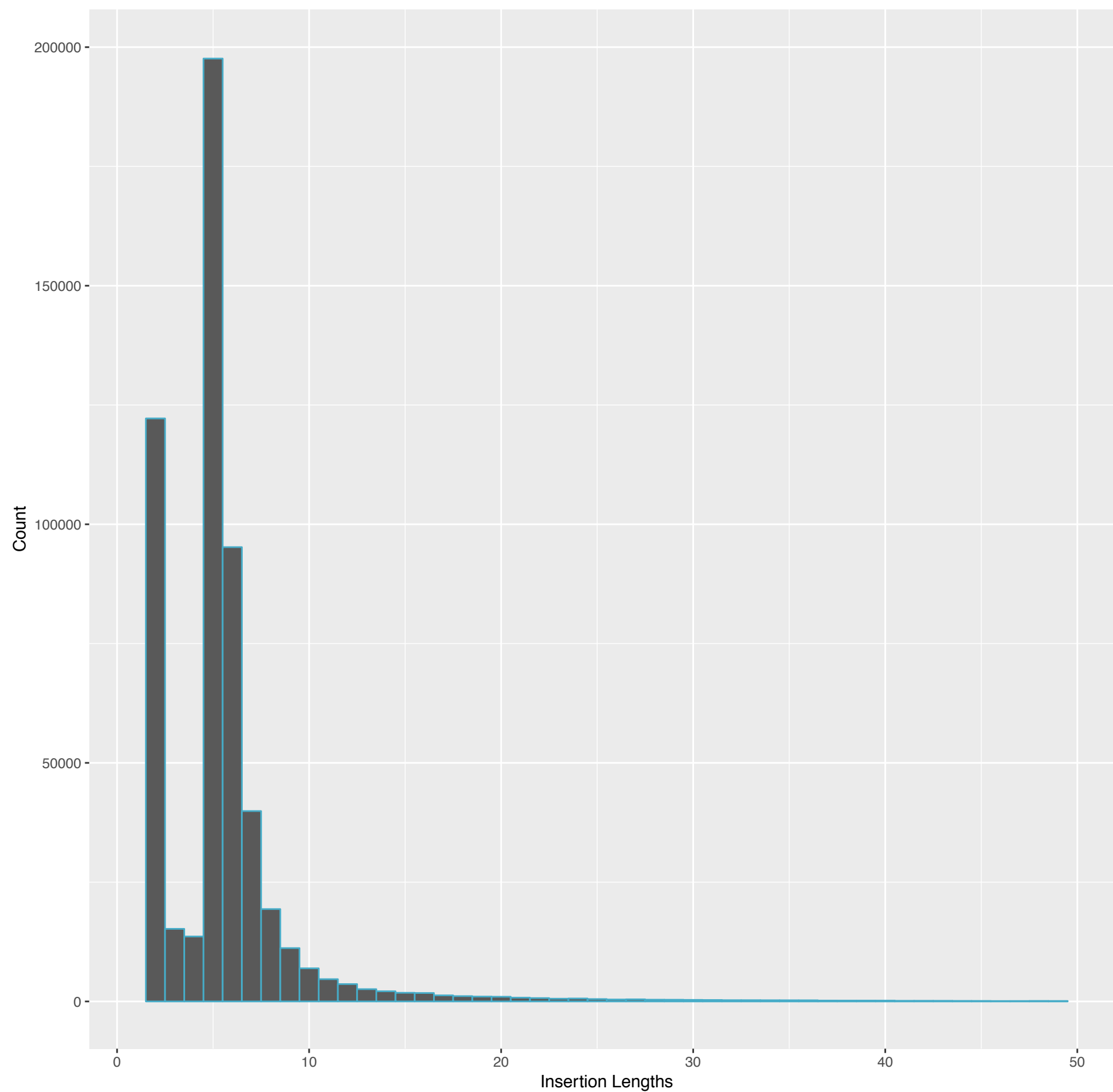
Chrom1, Insertion lengths ≤ 50 , binwidth=1



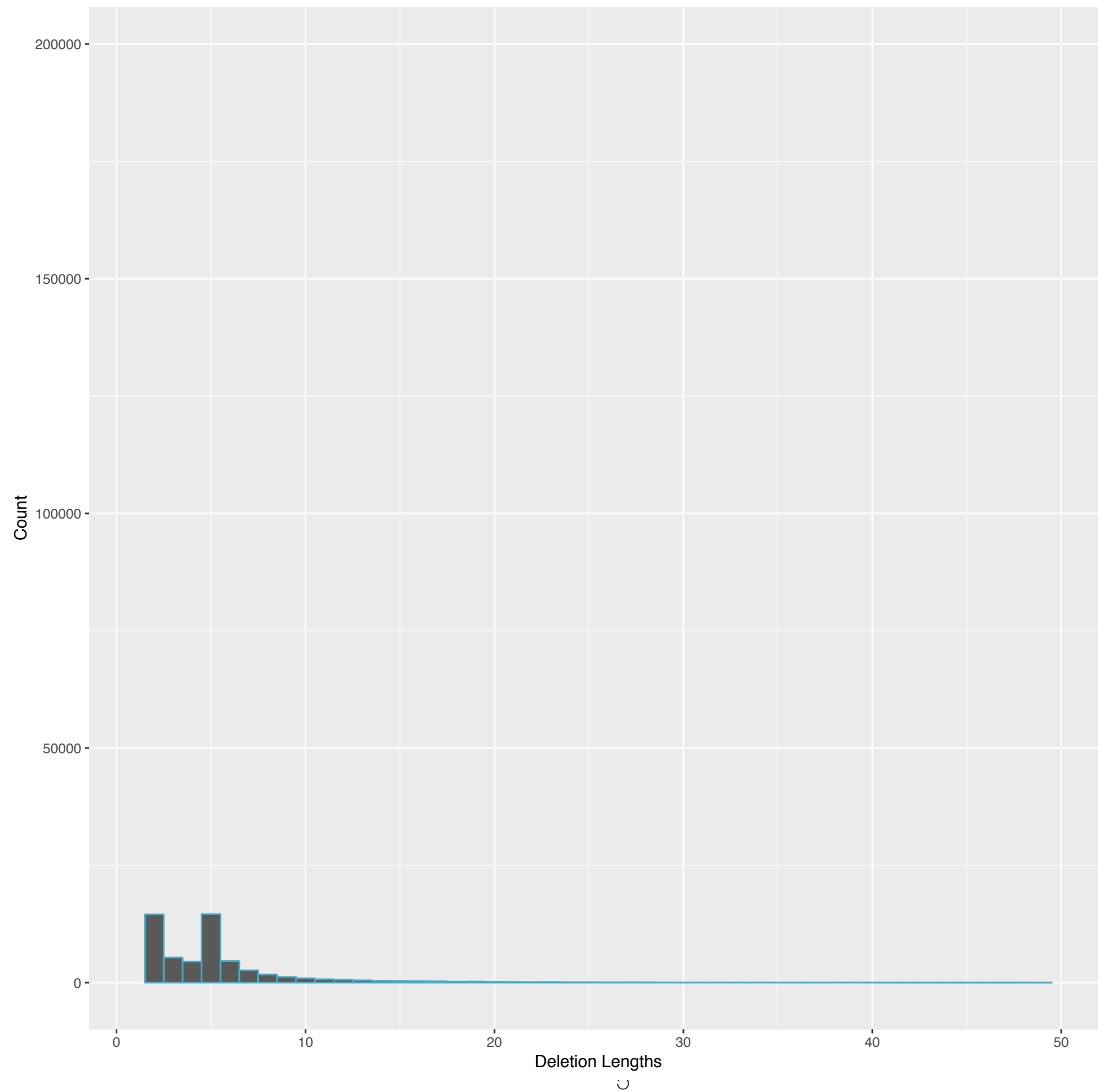
Chrom1, Deletions lengths <= 50, binwidth=1



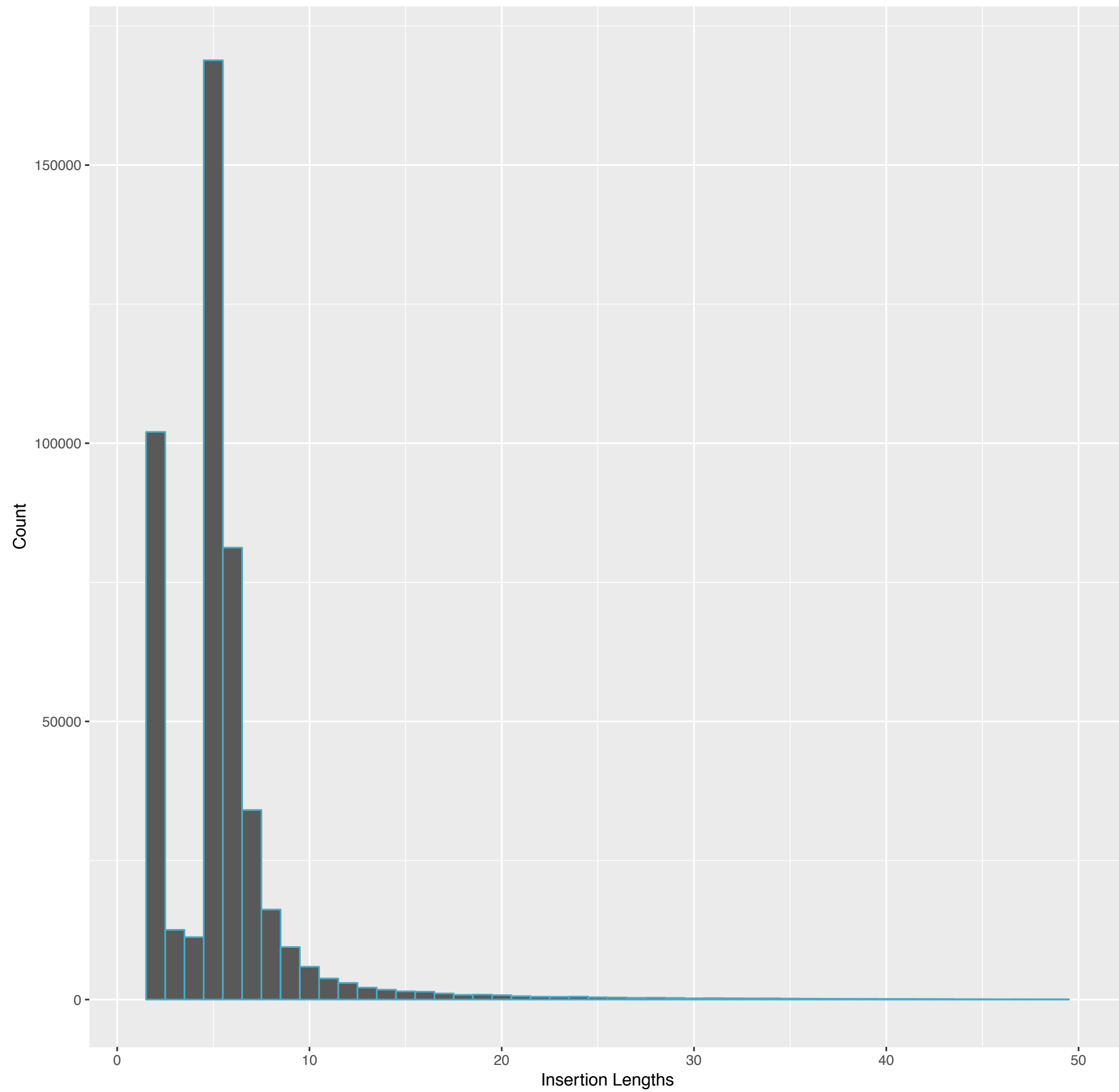
Chrom2, Insertion lengths <= 50, binwidth=1



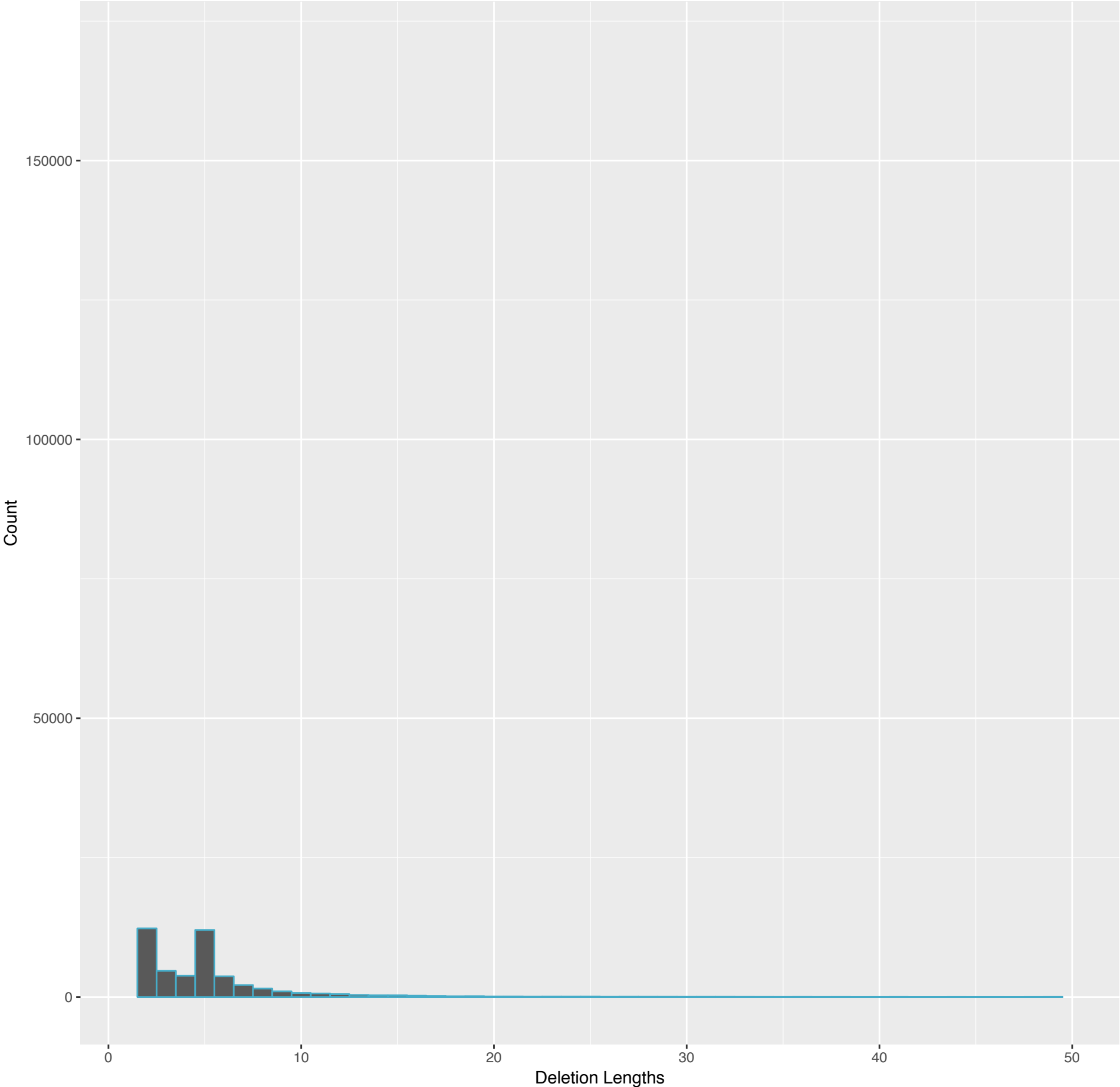
Chrom2, Deletions lengths <= 50, binwidth=1



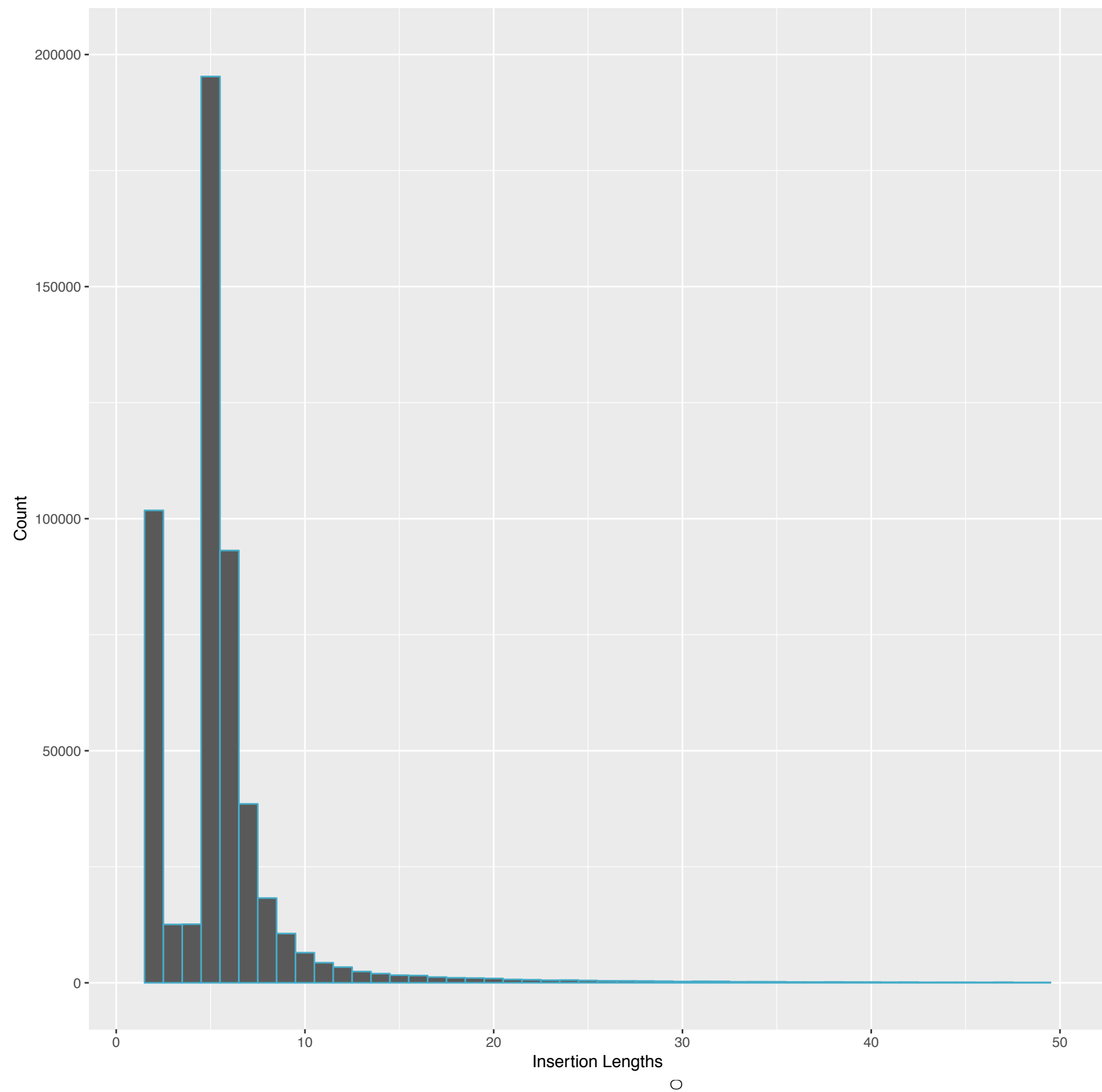
Chrom3, Insertion lengths <= 50, binwidth=1



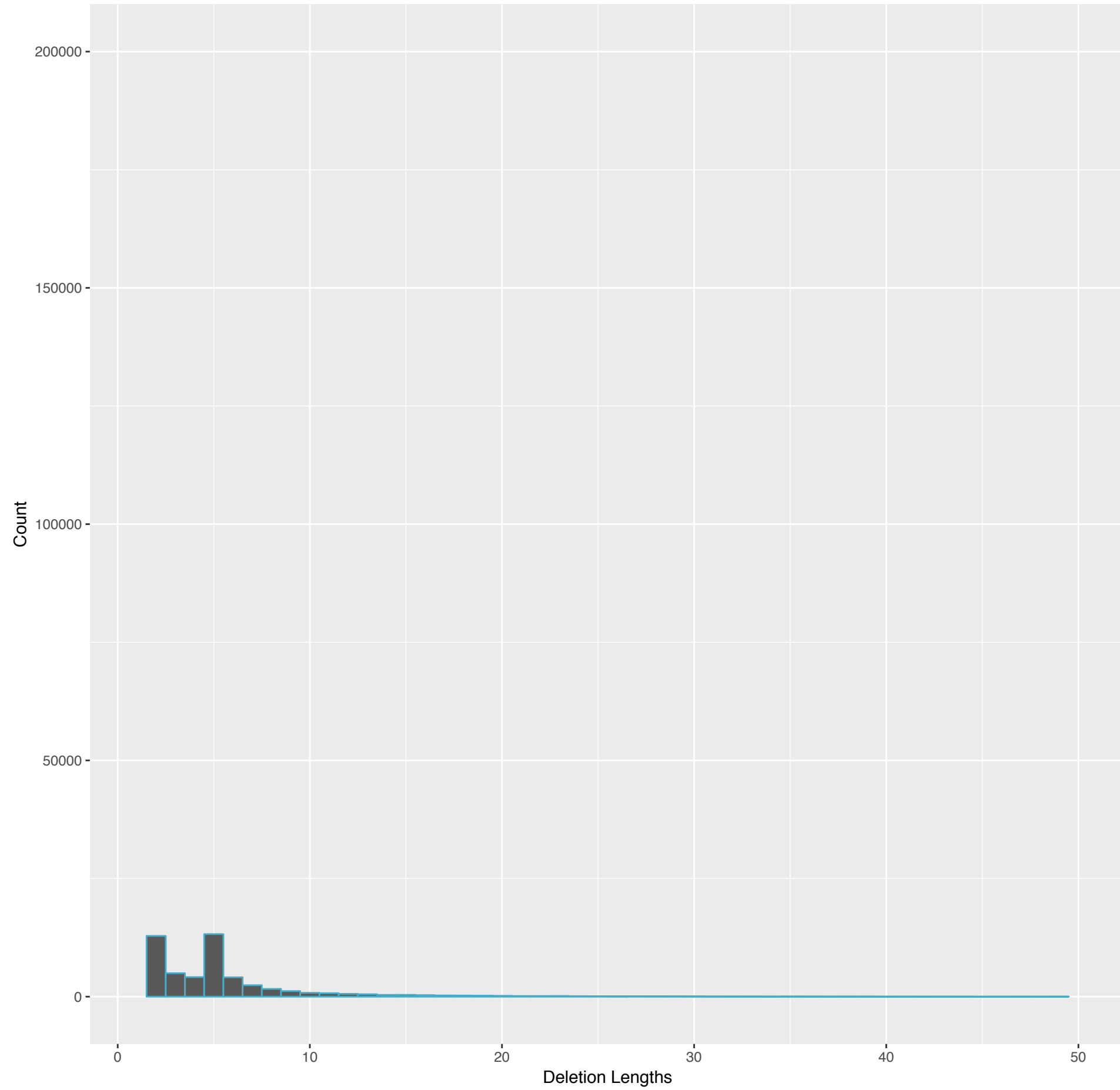
Chrom3, Deletions lengths <= 50, binwidth=1



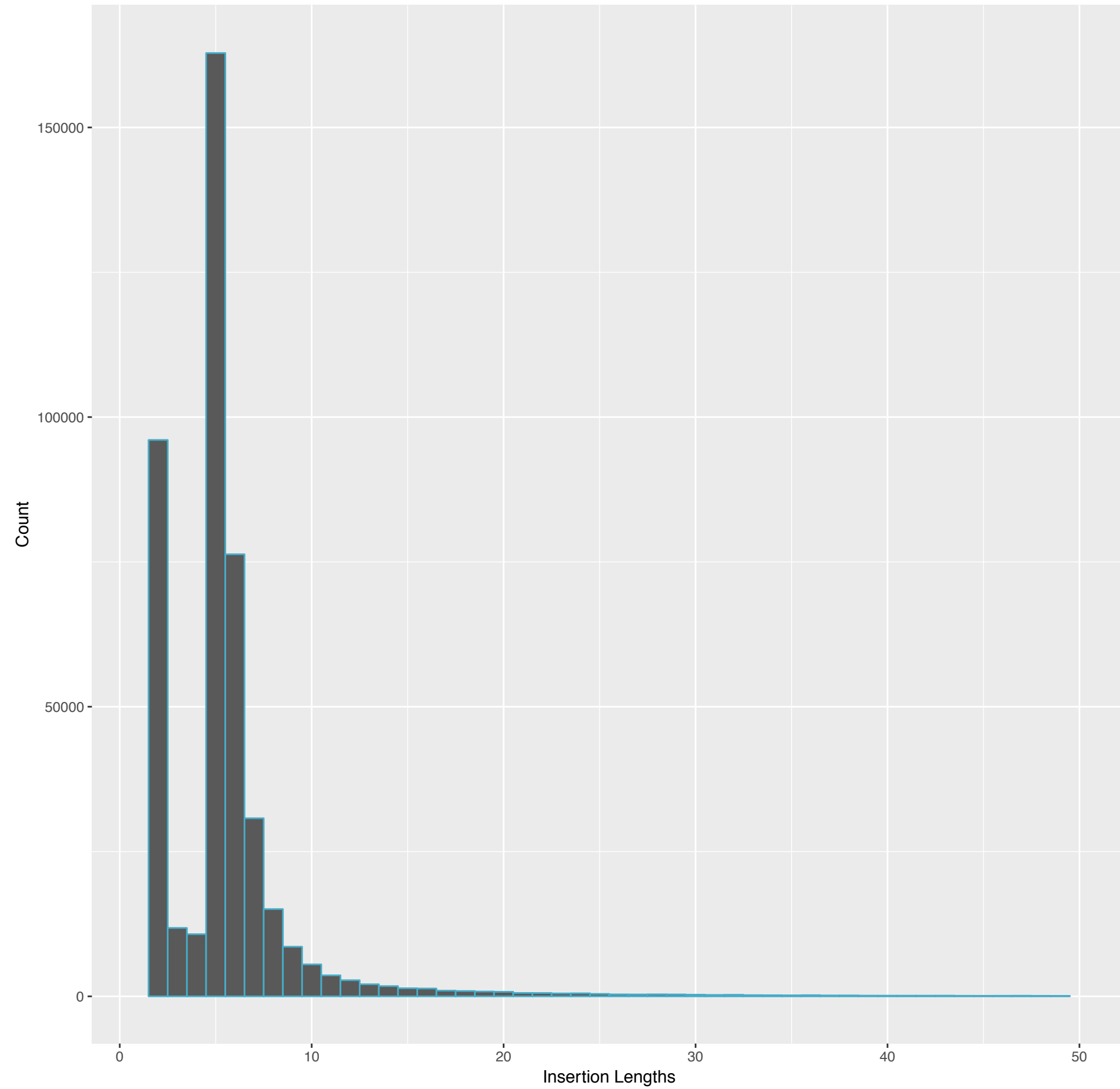
Chrom4, Insertion lengths ≤ 50 , binwidth=1



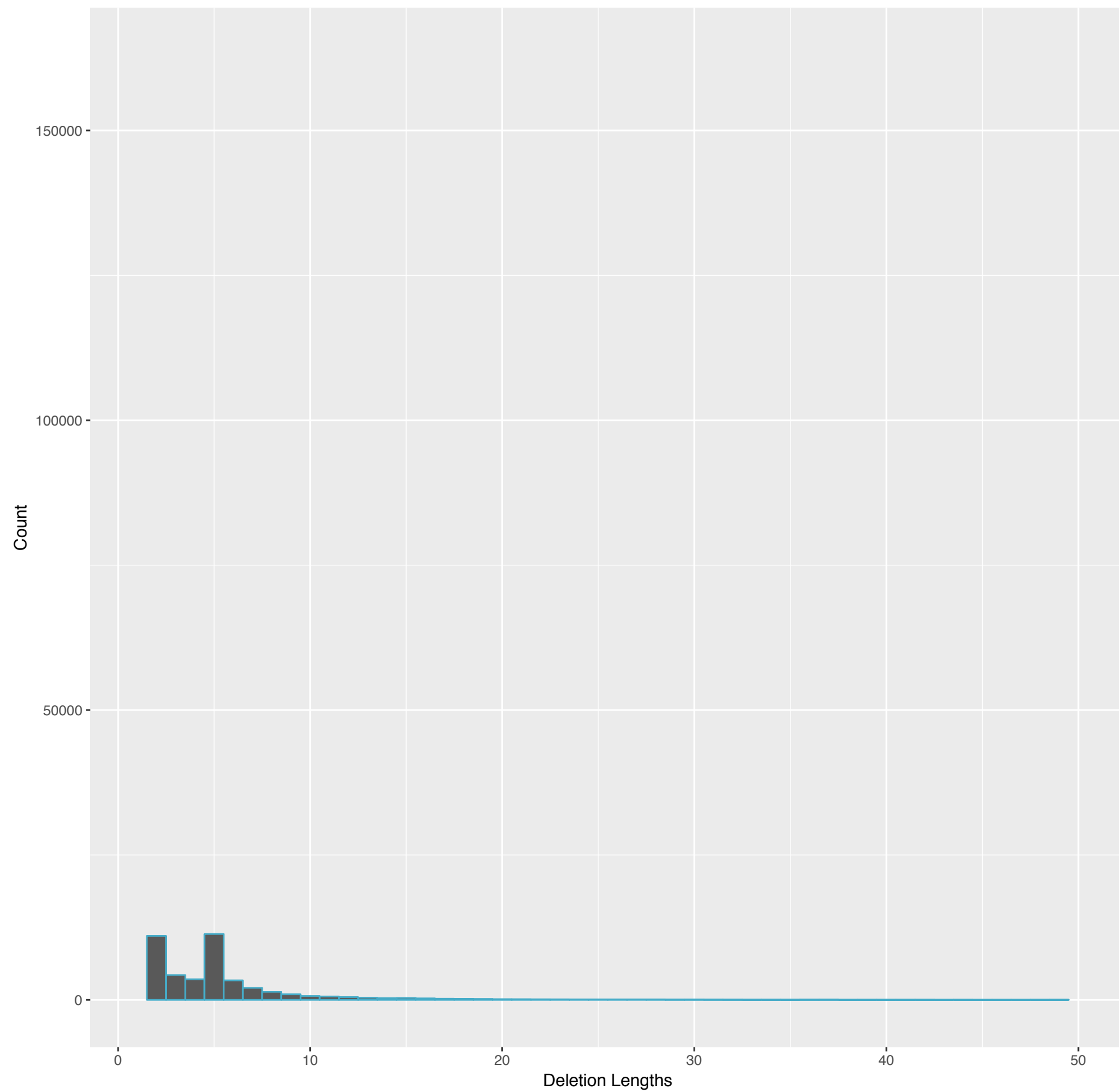
Chrom4, Deletions lengths <= 50, binwidth=1



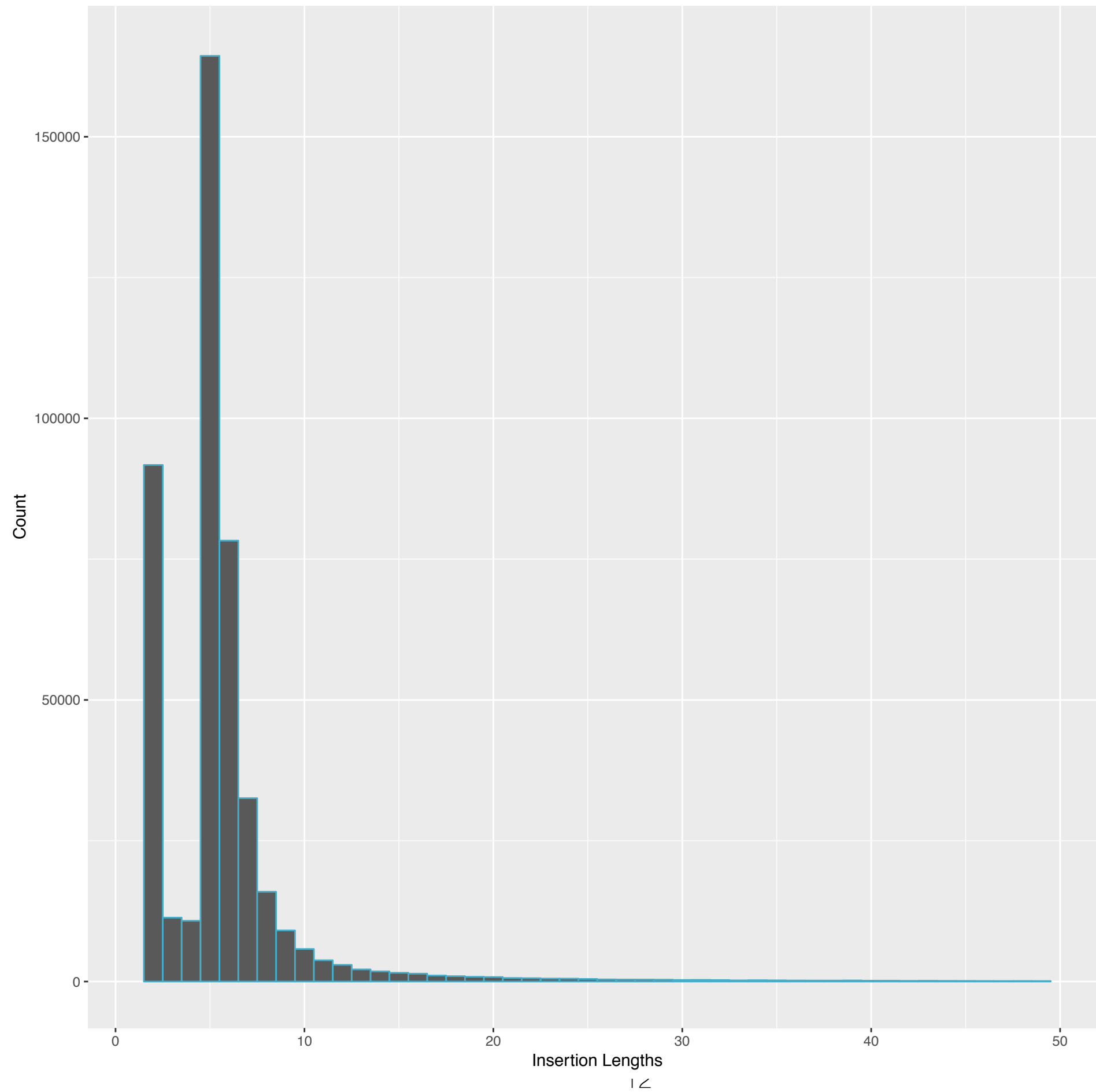
Chrom5, Insertion lengths <= 50, binwidth=1



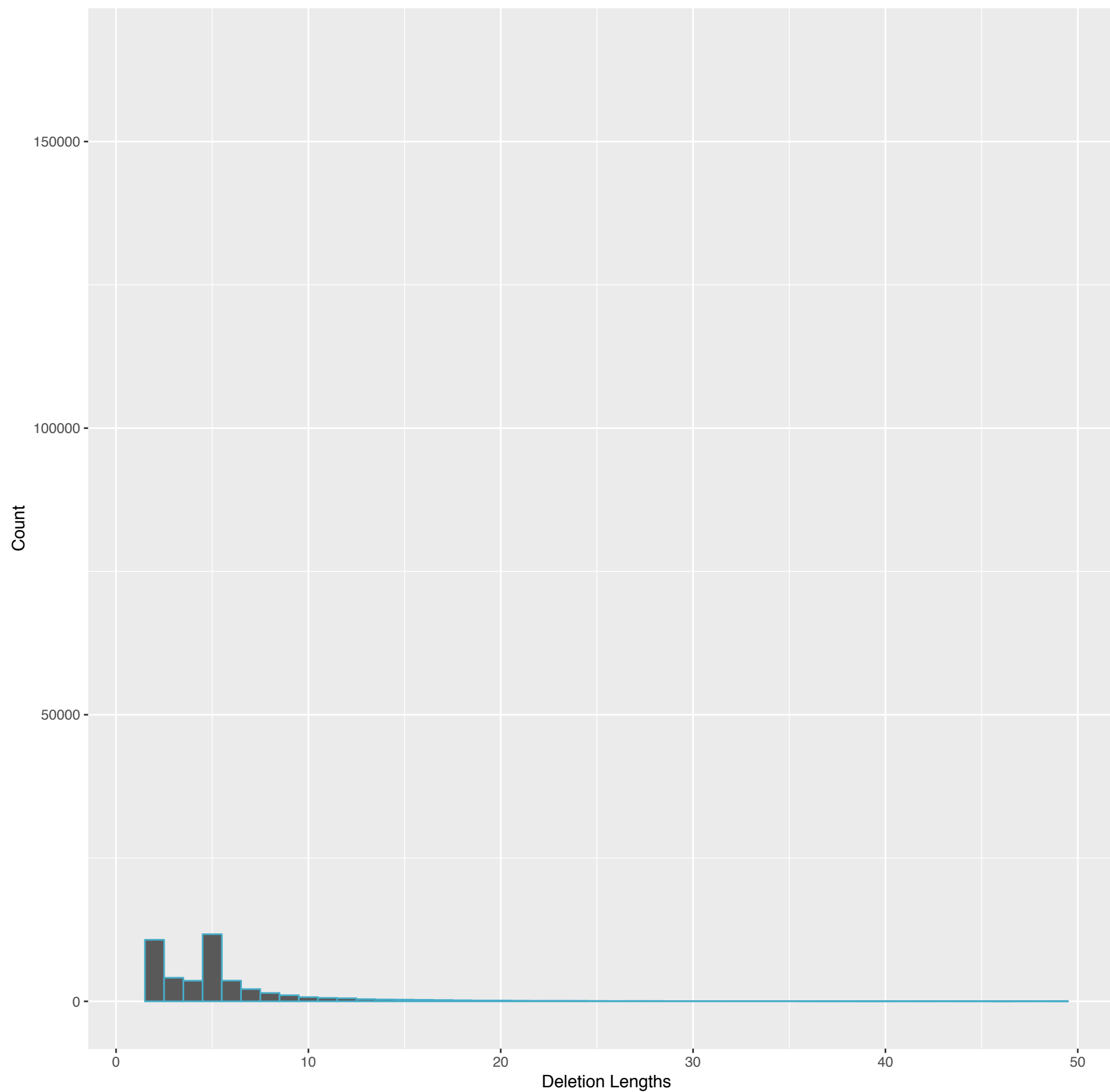
Chrom5, Deletions lengths ≤ 50 , binwidth=1



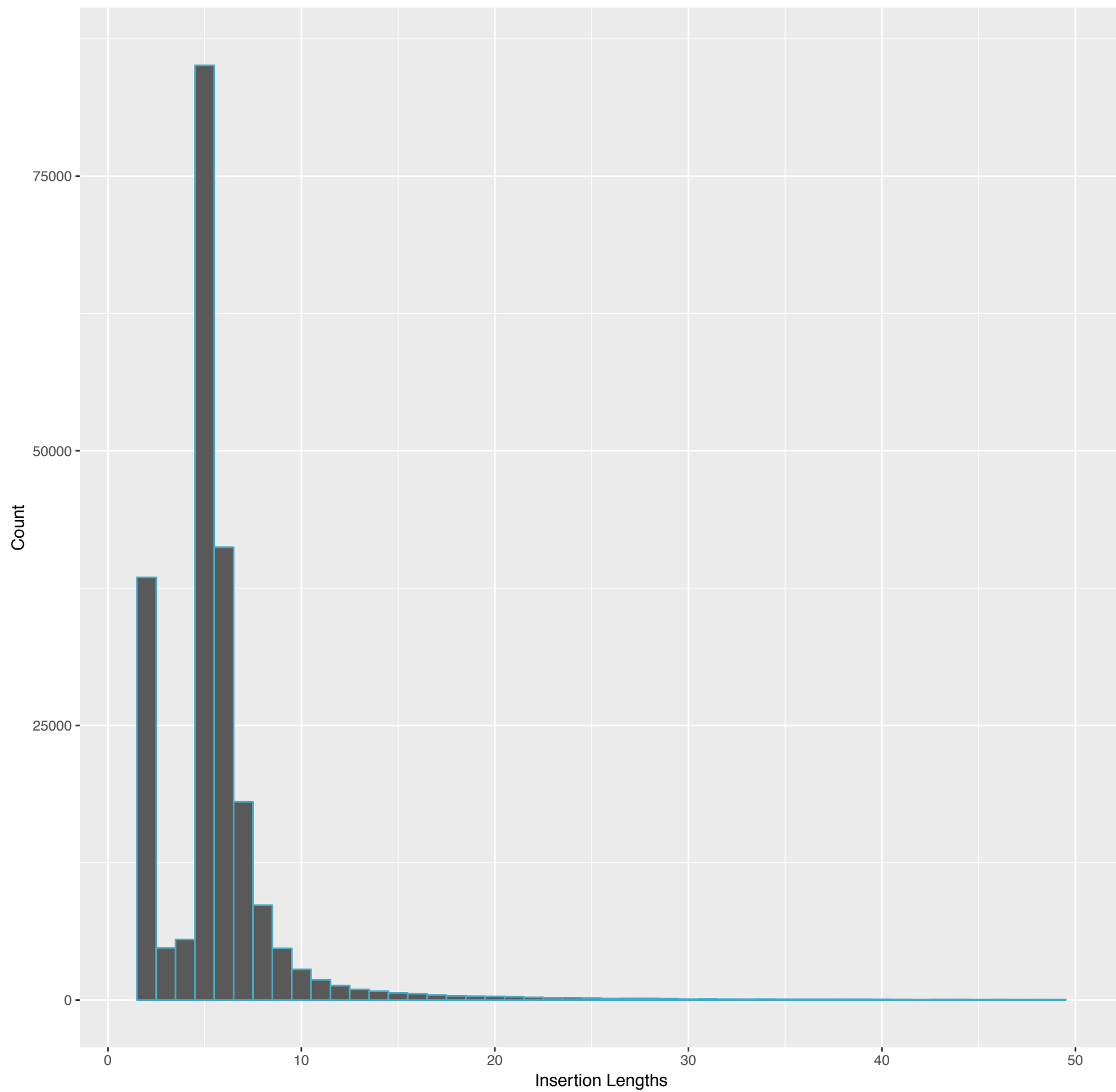
Chrom6, Insertion lengths <= 50, binwidth=1



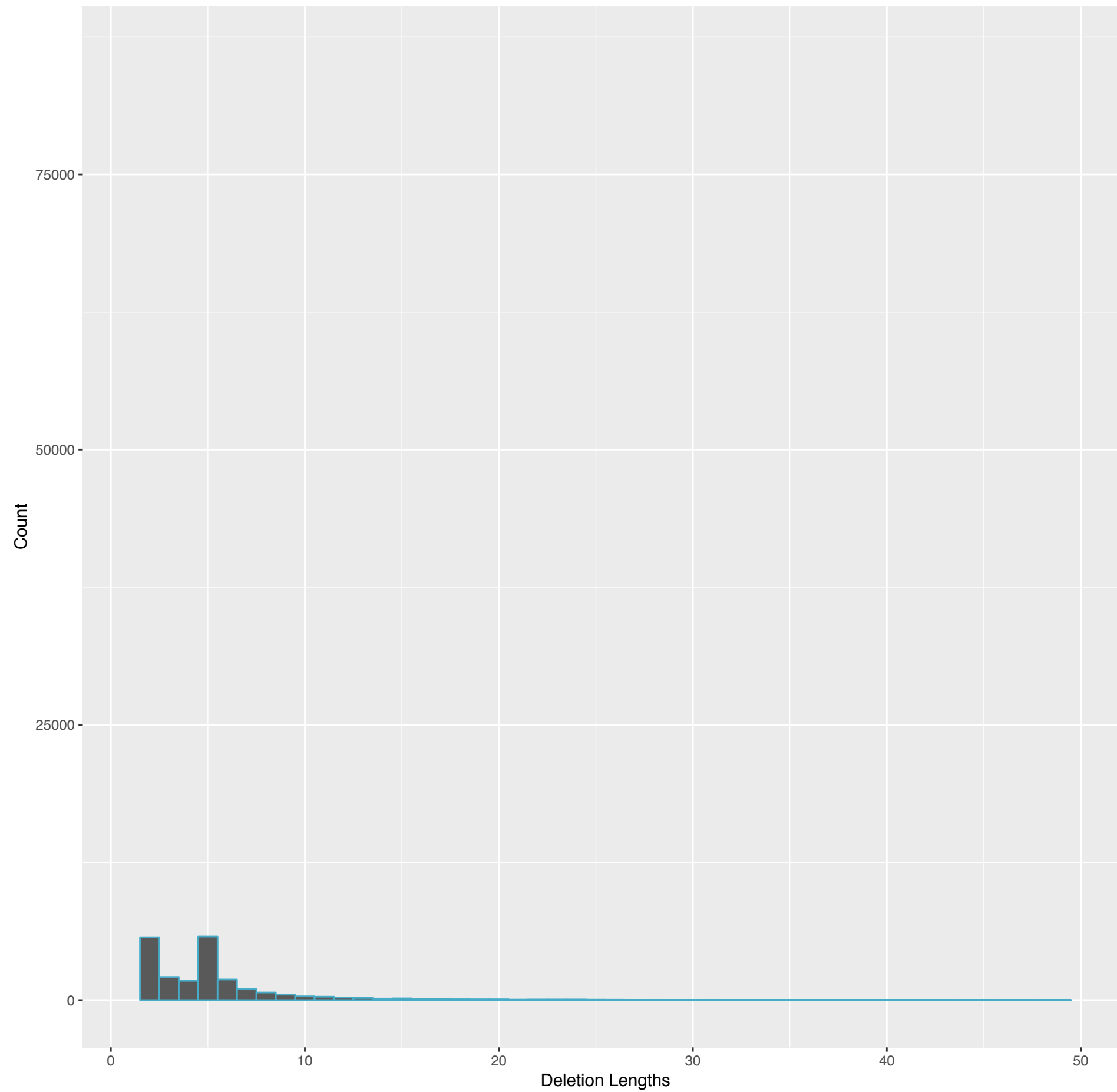
Chrom6, Deletions lengths ≤ 50 , binwidth=1



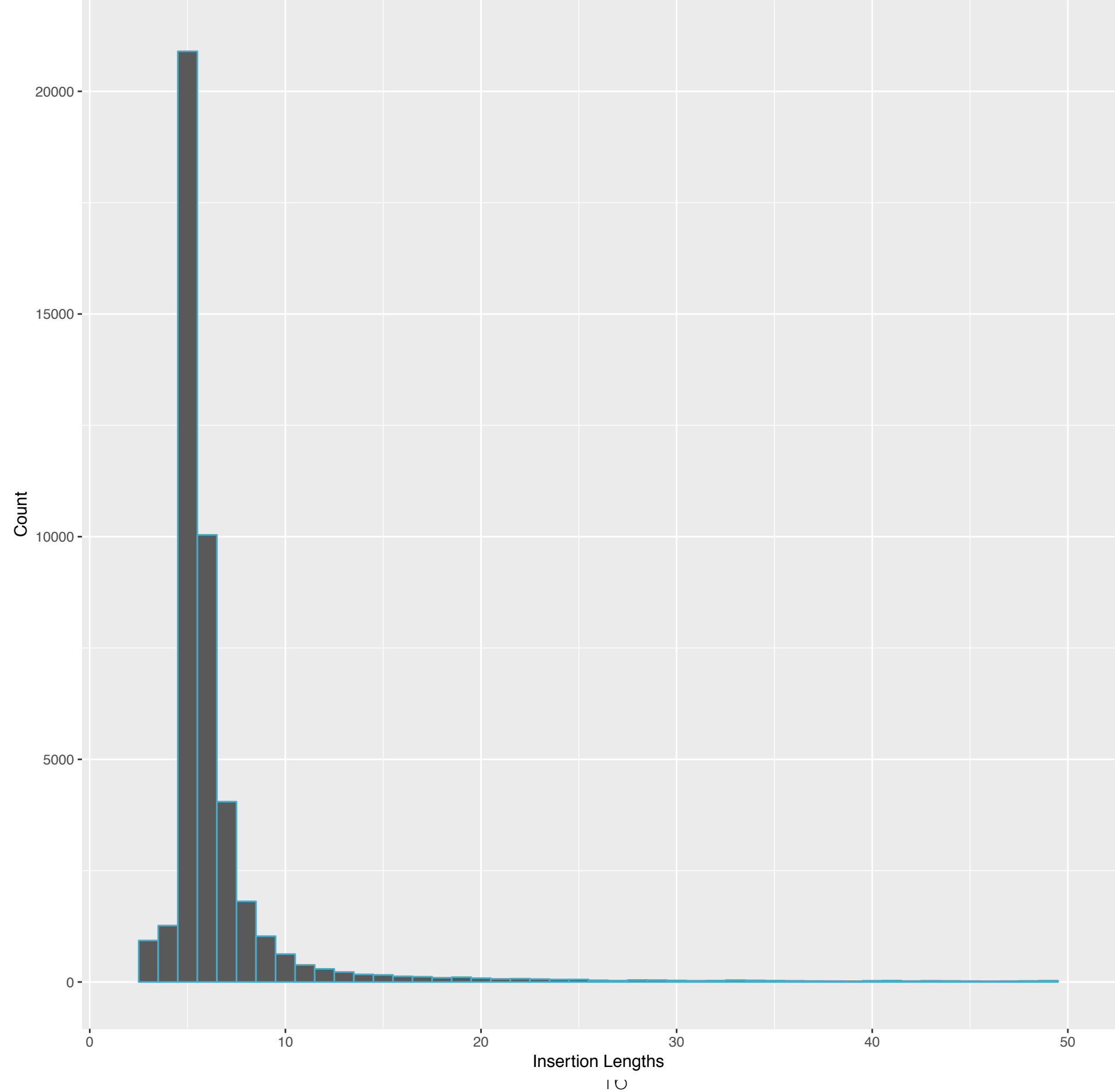
Chrom7, Insertion lengths ≤ 50 , binwidth=1



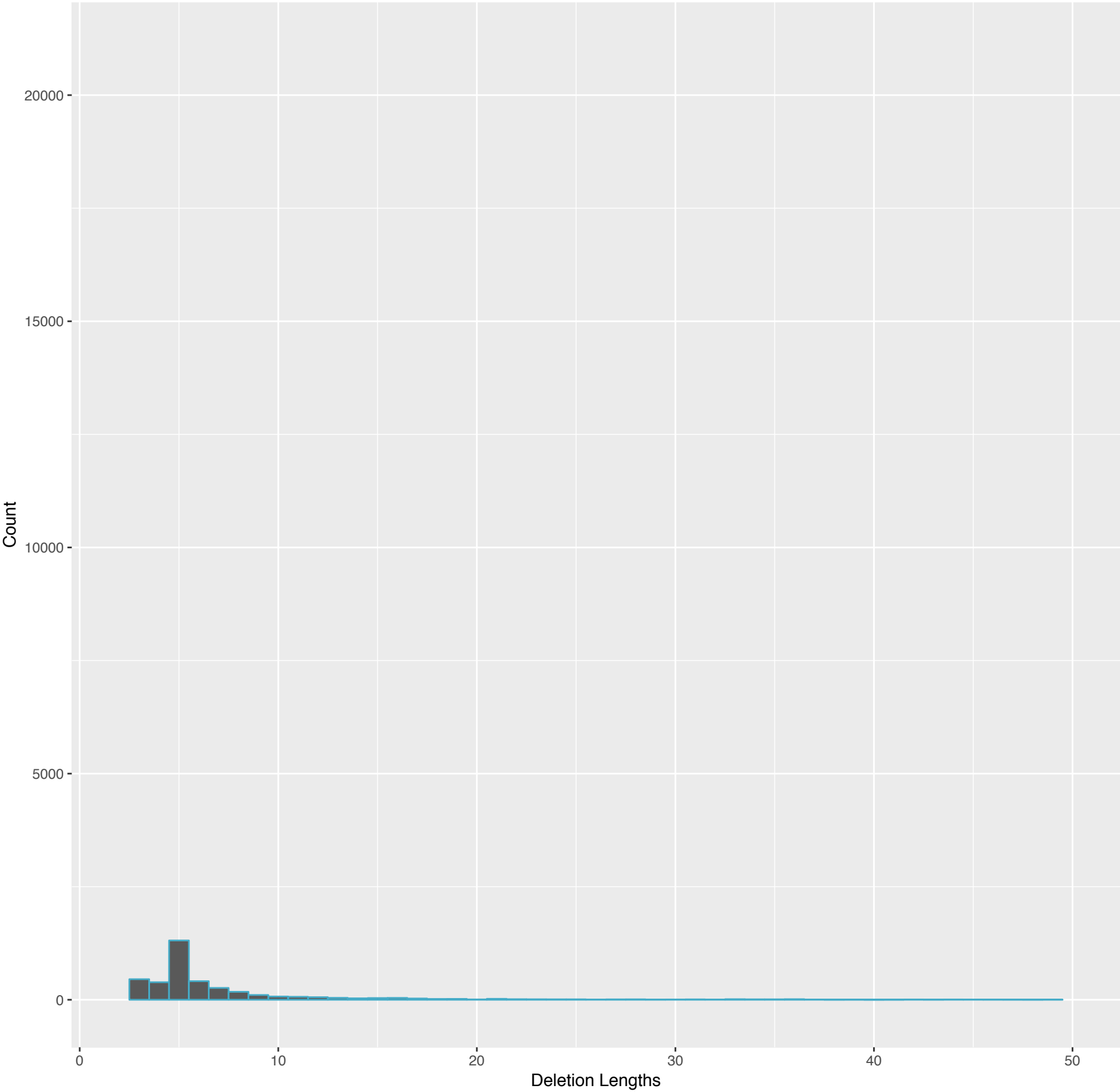
Chrom7, Deletions lengths ≤ 50 , binwidth=1



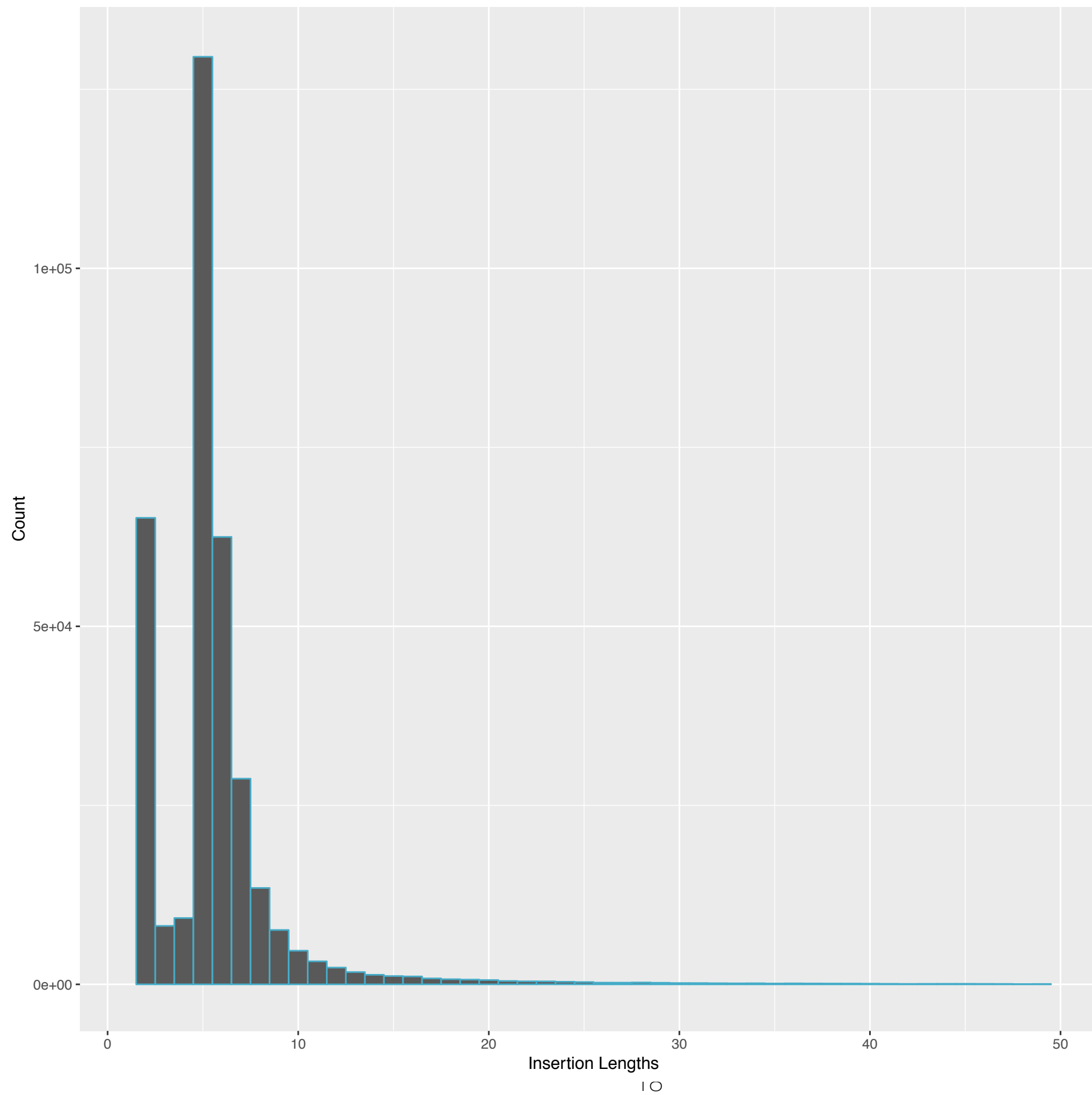
Chrom8, Insertion lengths <= 50, binwidth=1



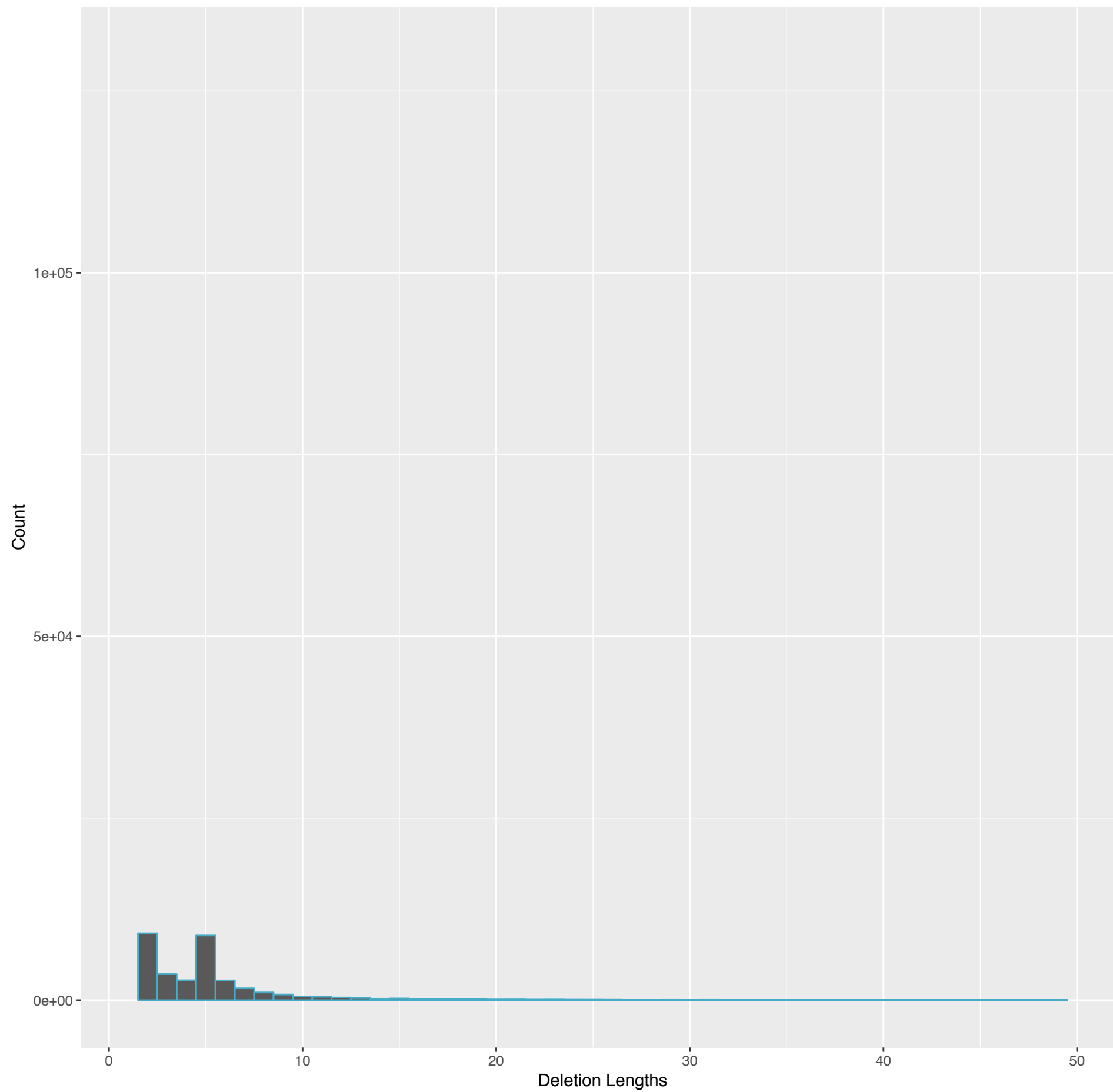
Chrom8, Deletions lengths <= 50, binwidth=1



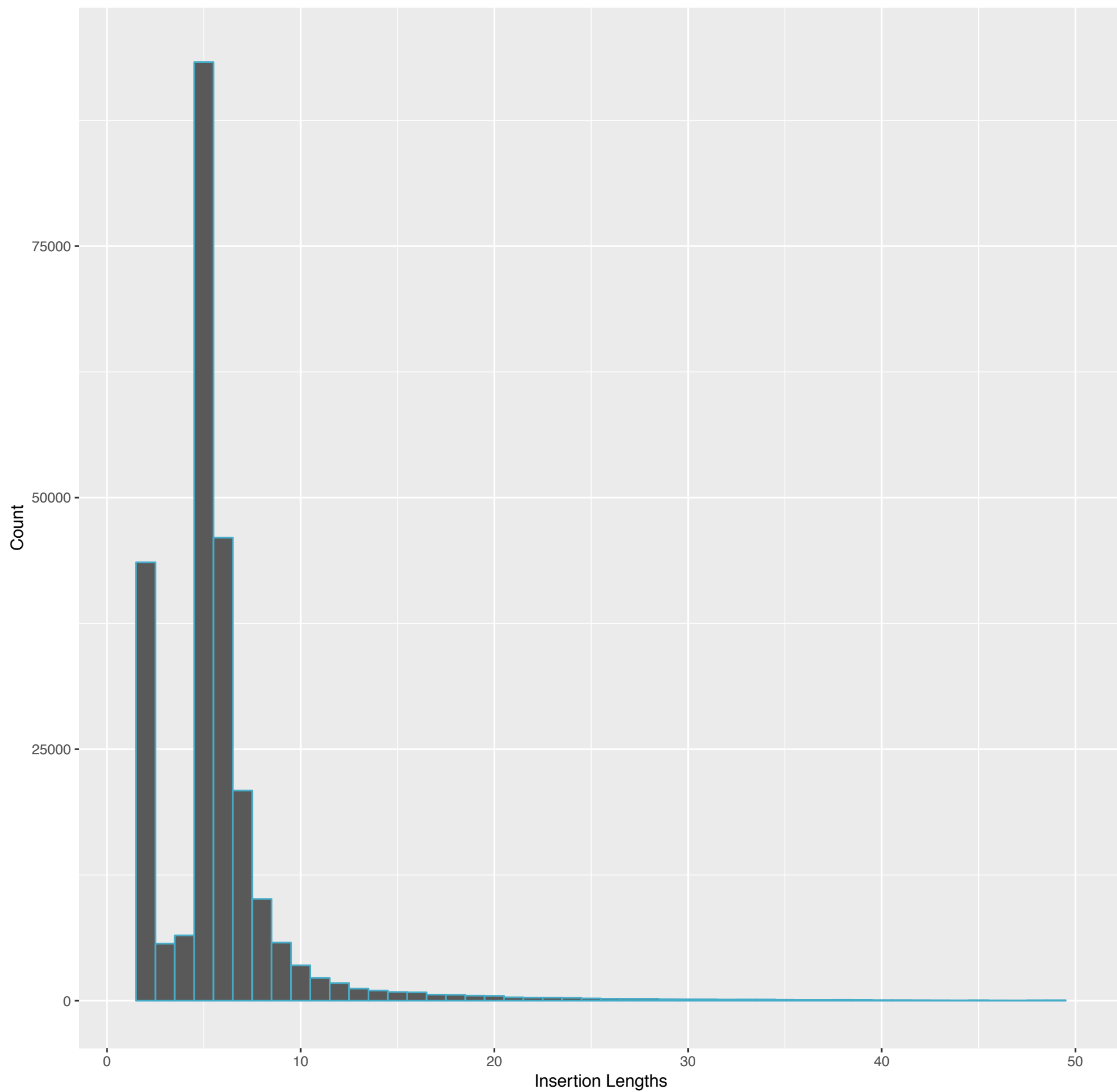
Chrom9, Insertion lengths ≤ 50 , binwidth=1



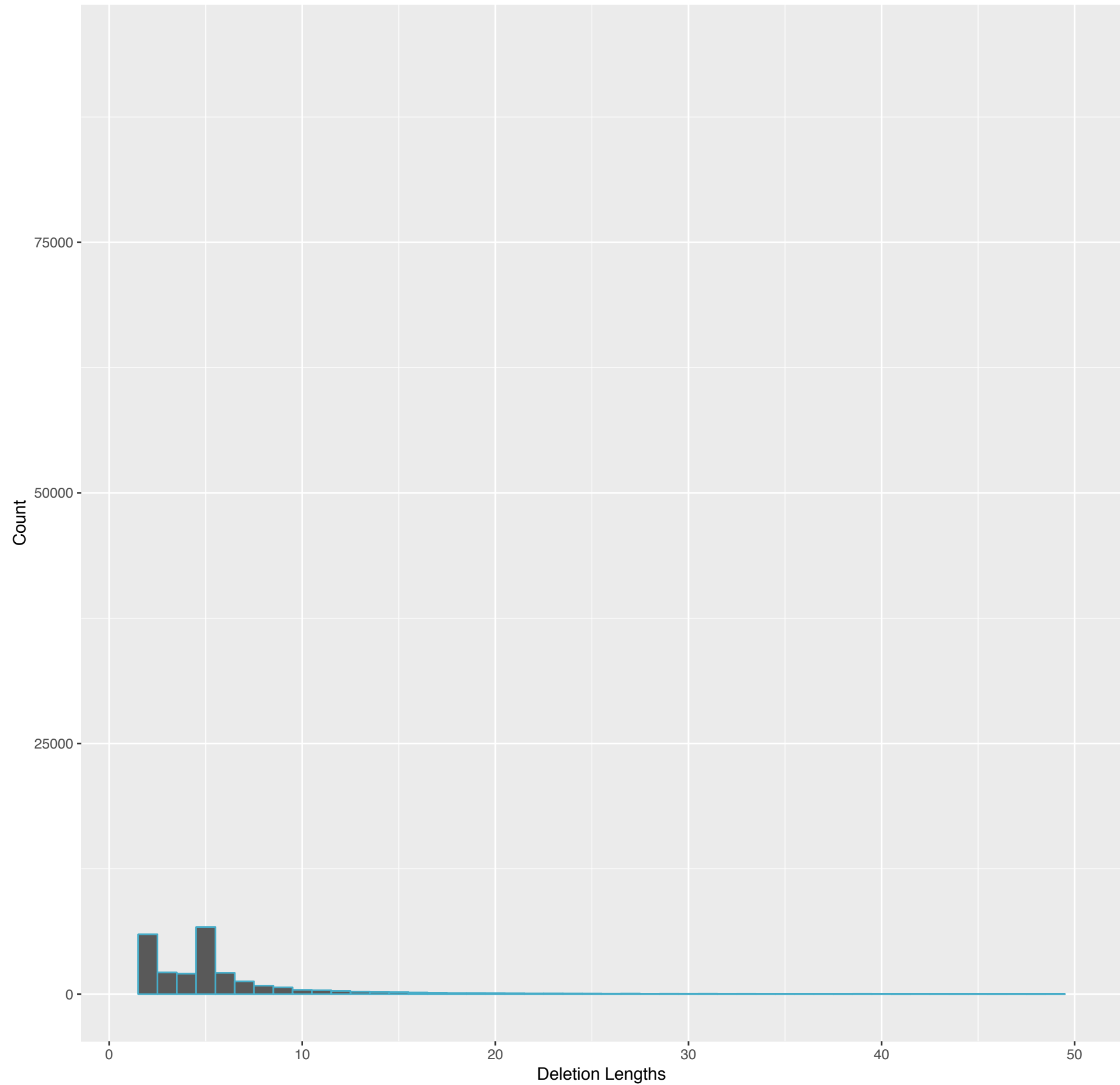
Chrom9, Deletions lengths <= 50, binwidth=1



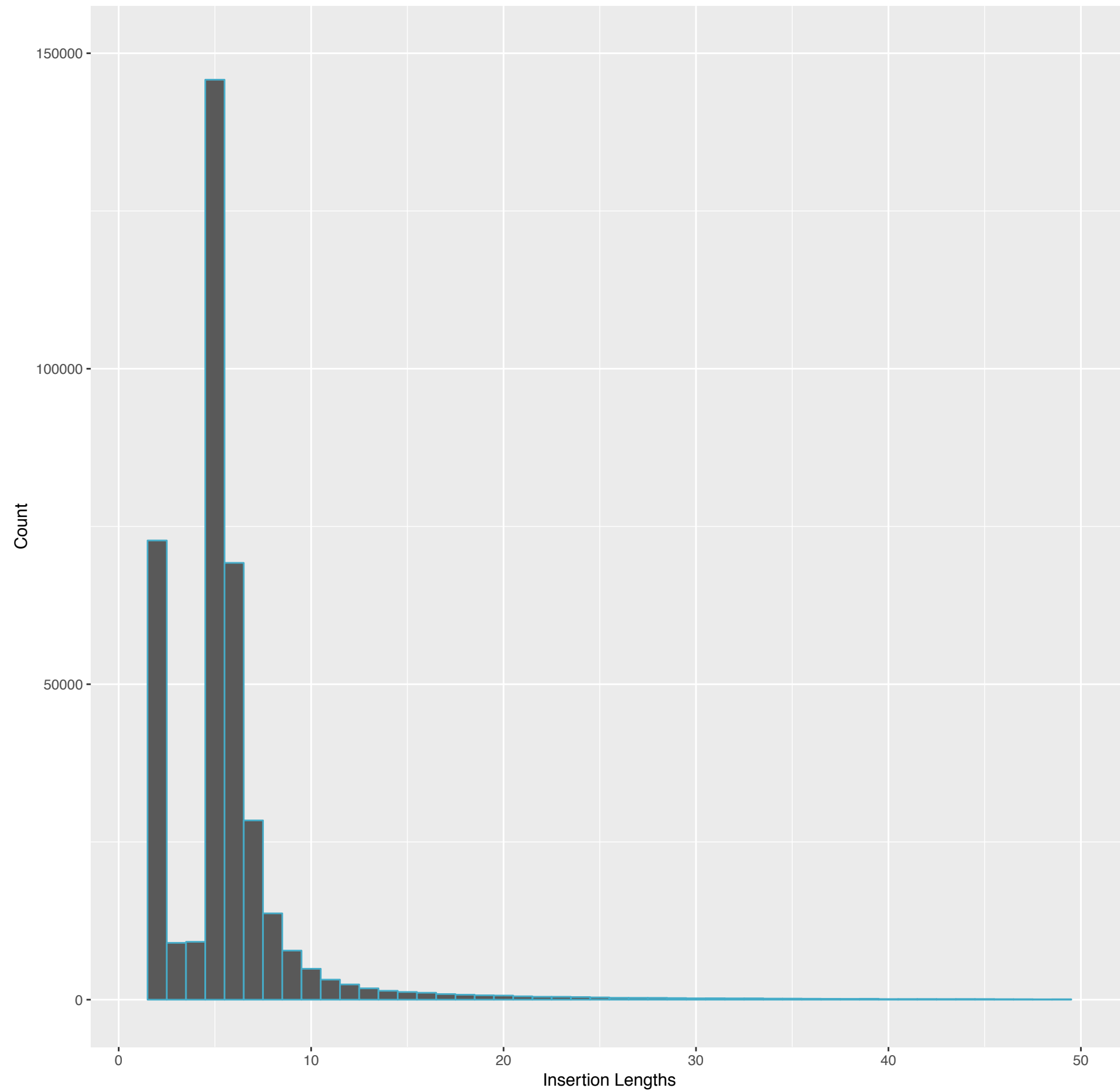
Chrom10, Insertion lengths <= 50, binwidth=1



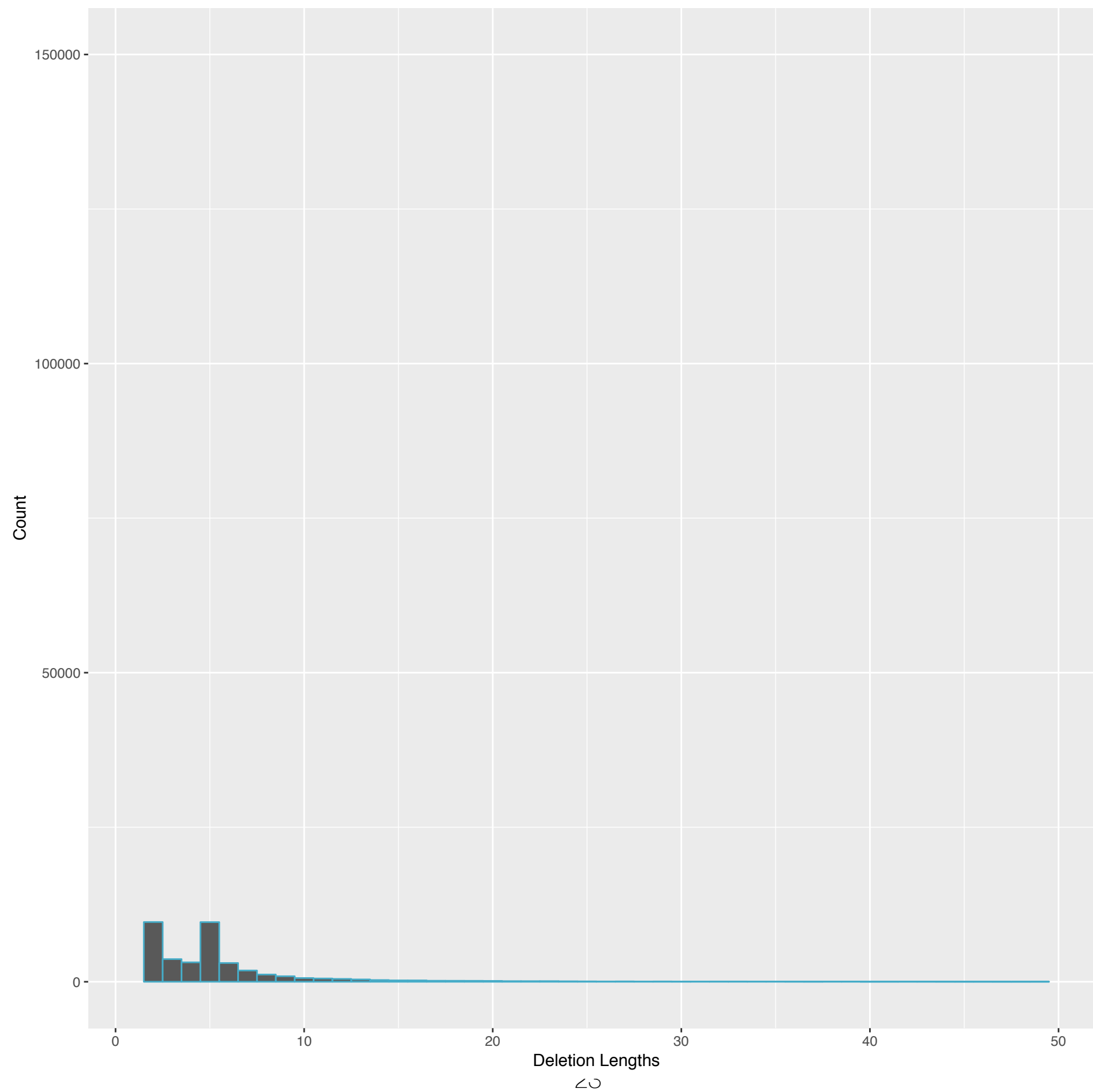
Chrom10, Deletions lengths ≤ 50 , binwidth=1



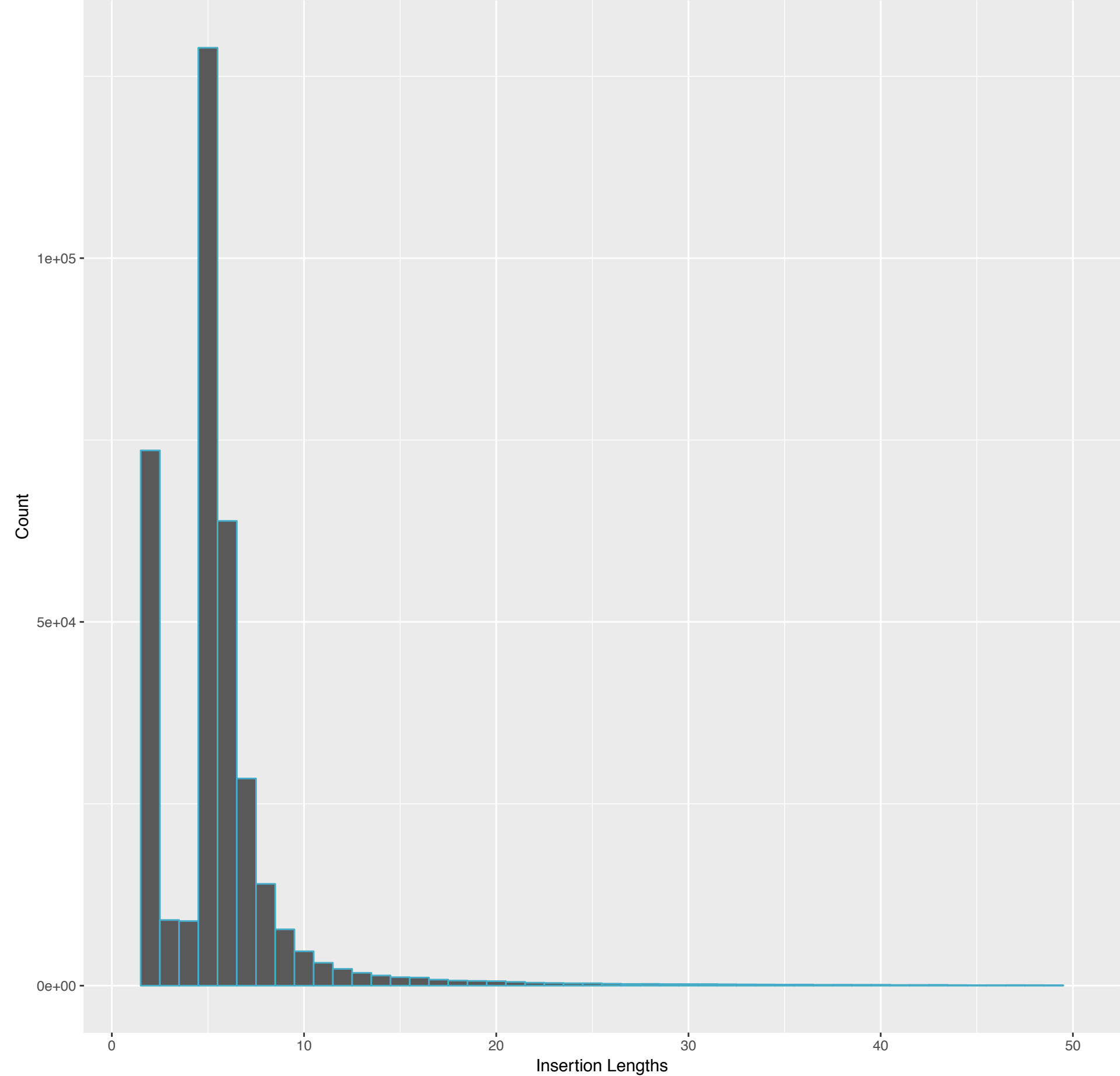
Chrom11, Insertion lengths <= 50, binwidth=1



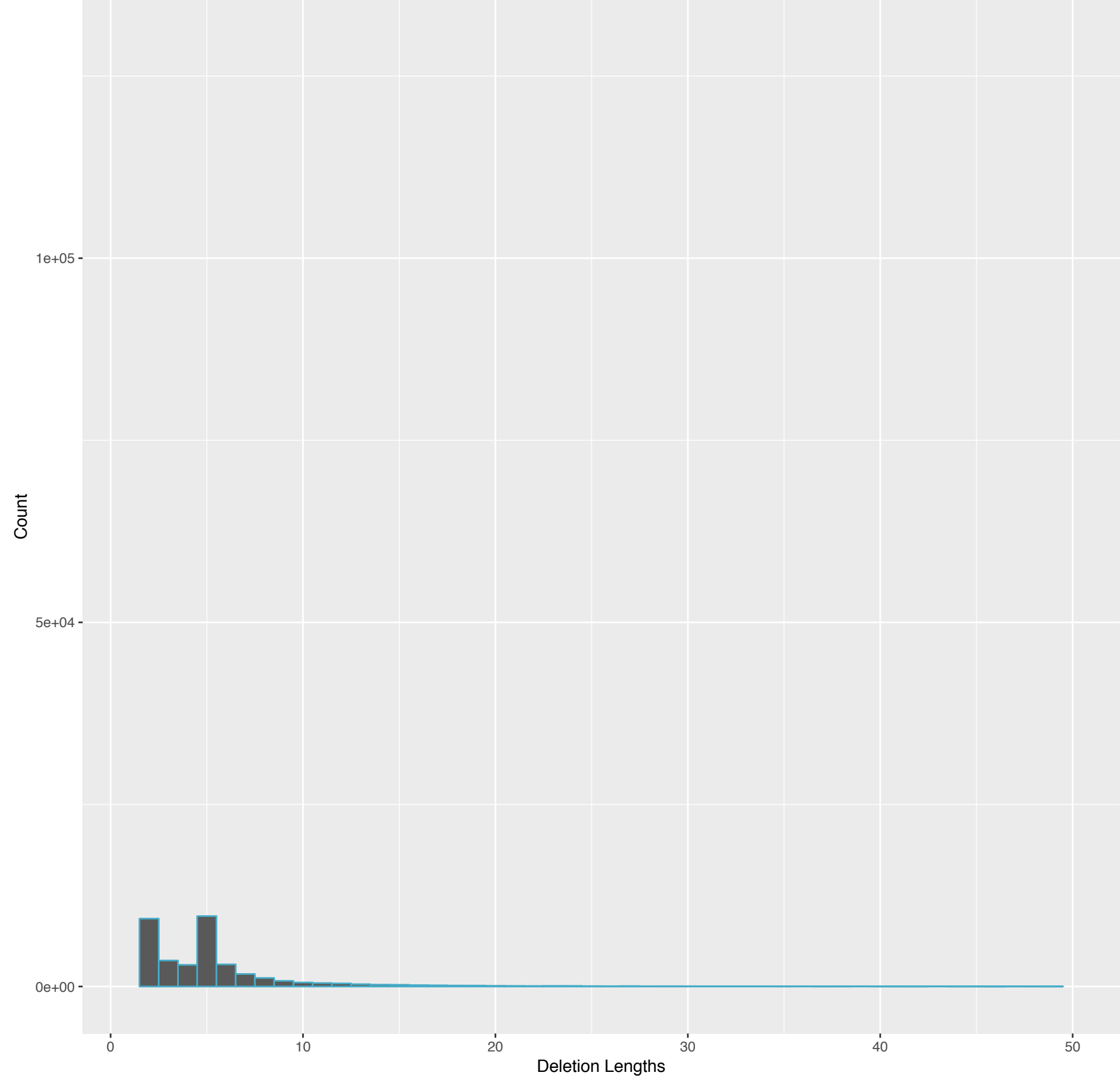
Chrom11, Deletions lengths <= 50, binwidth=1



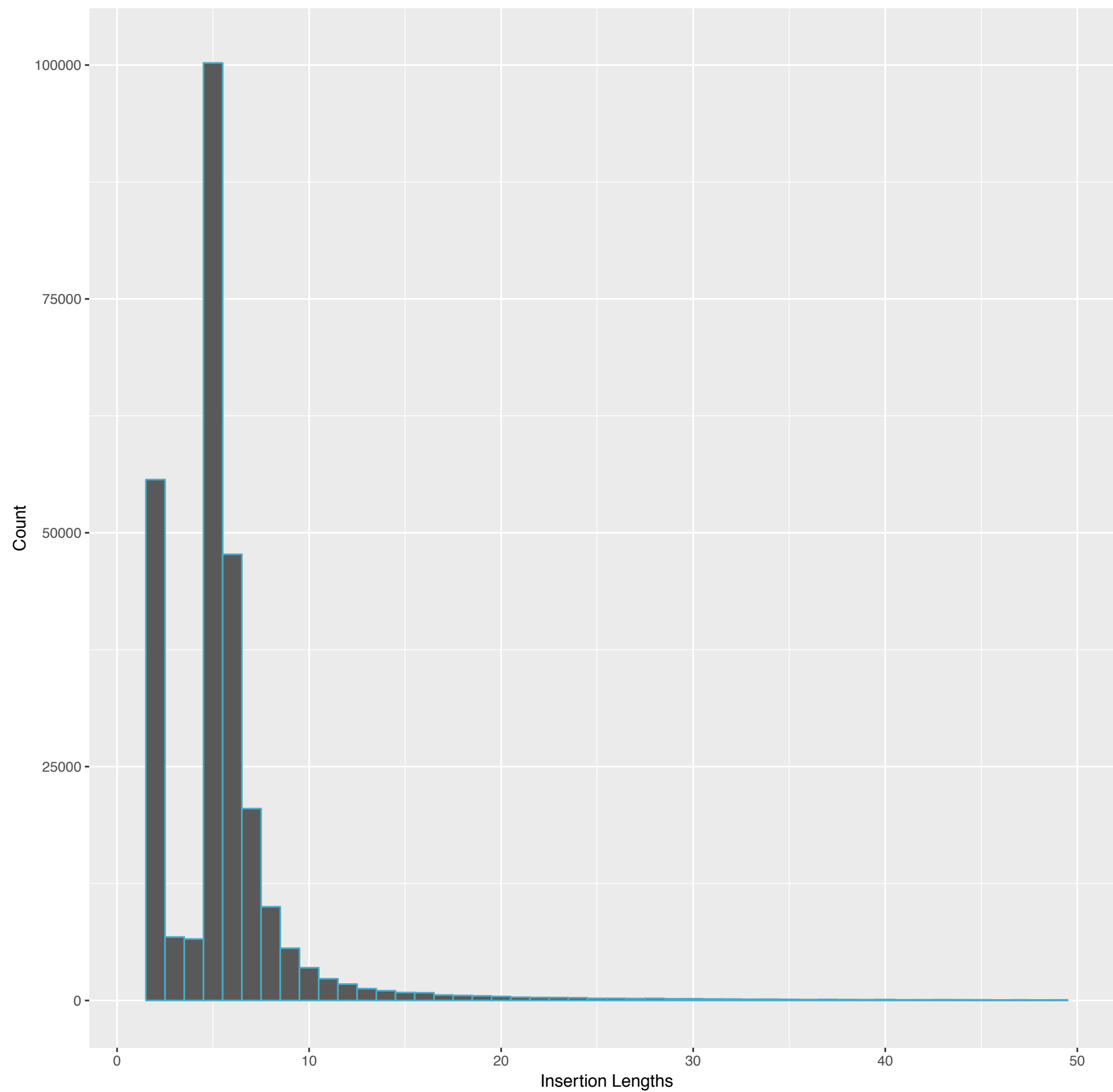
Chrom12, Insertion lengths <= 50, binwidth=1



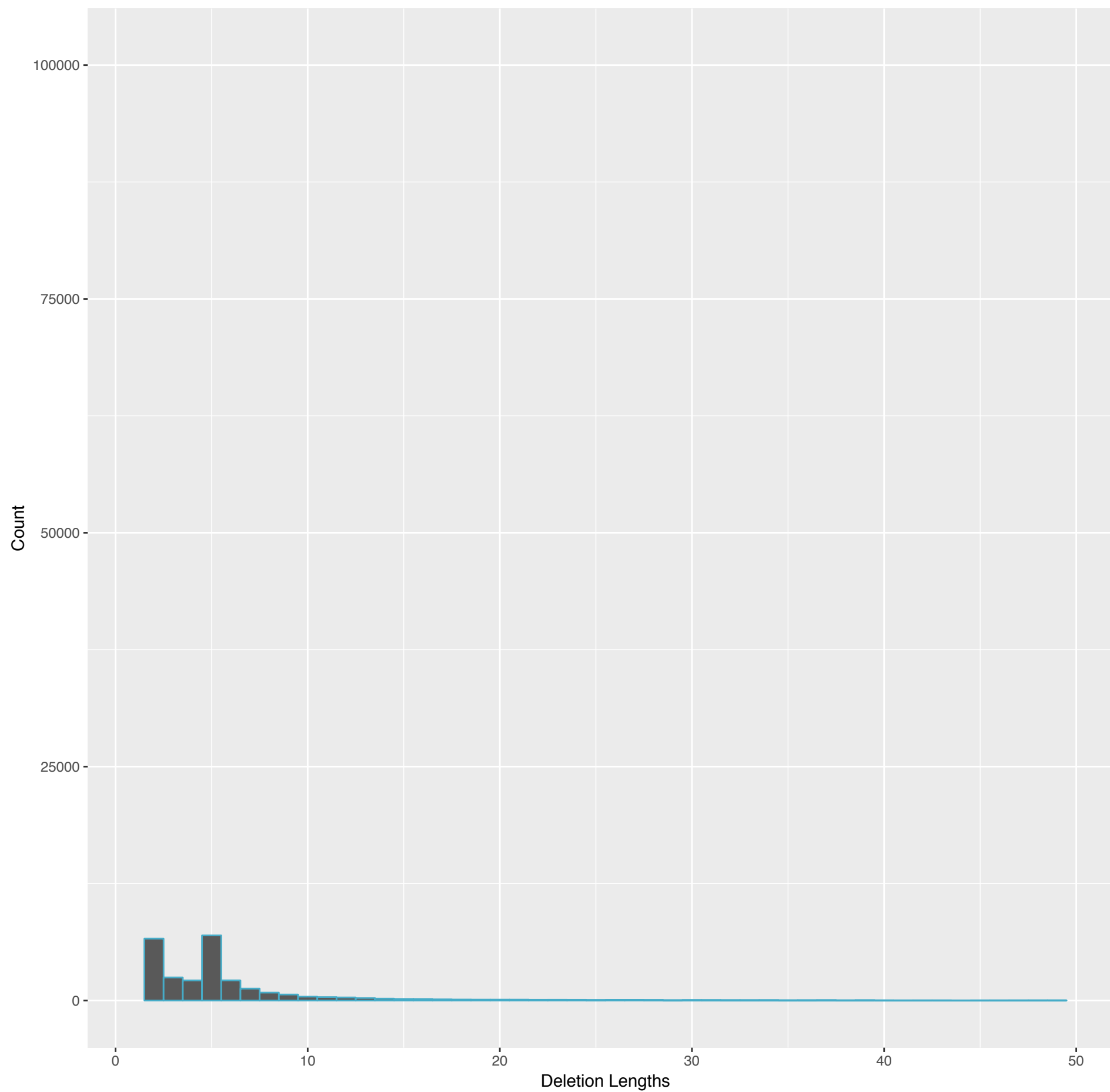
Chrom12, Deletions lengths <= 50, binwidth=1



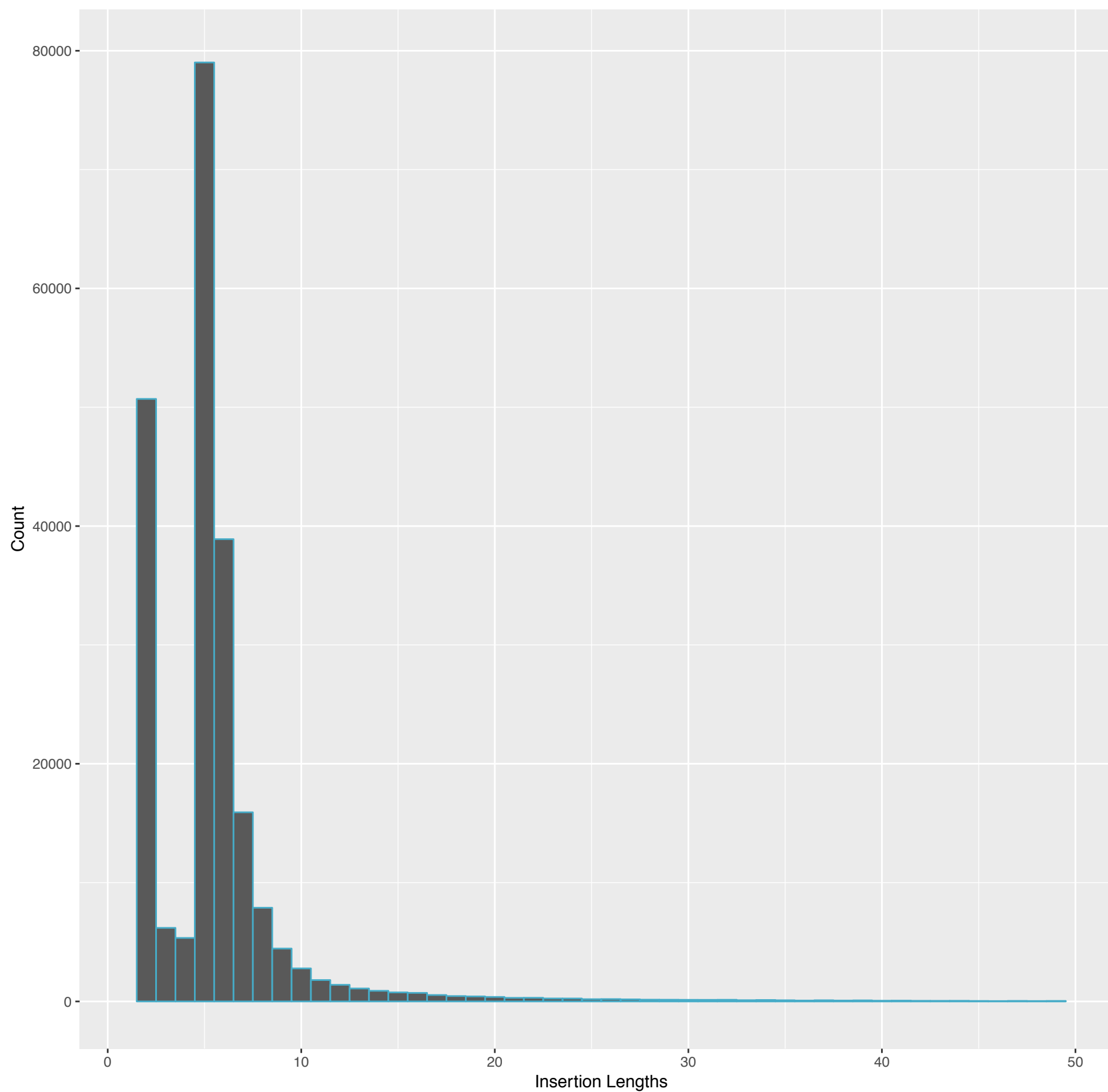
Chrom13, Insertion lengths ≤ 50 , binwidth=1



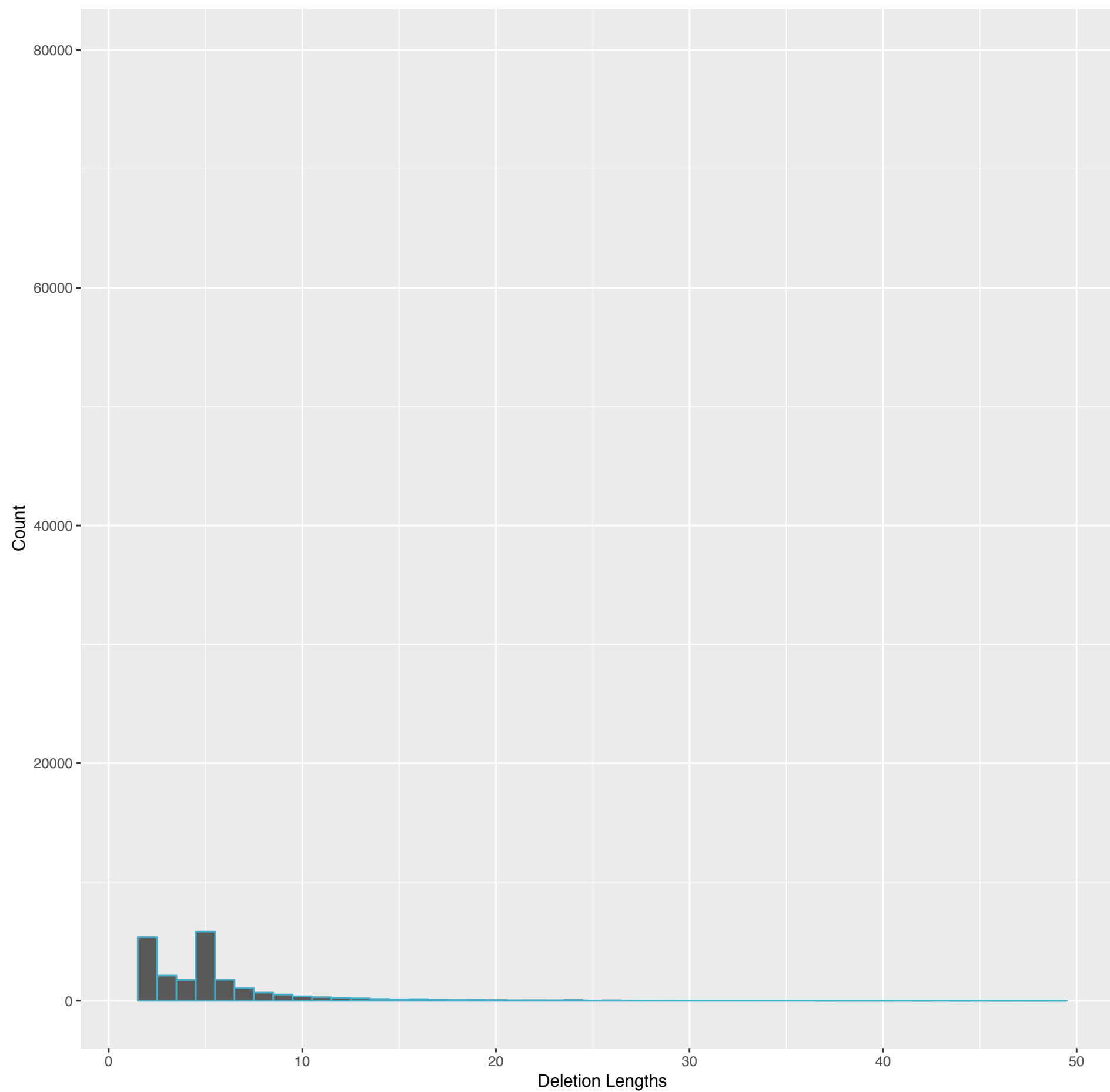
Chrom13, Deletions lengths <= 50, binwidth=1



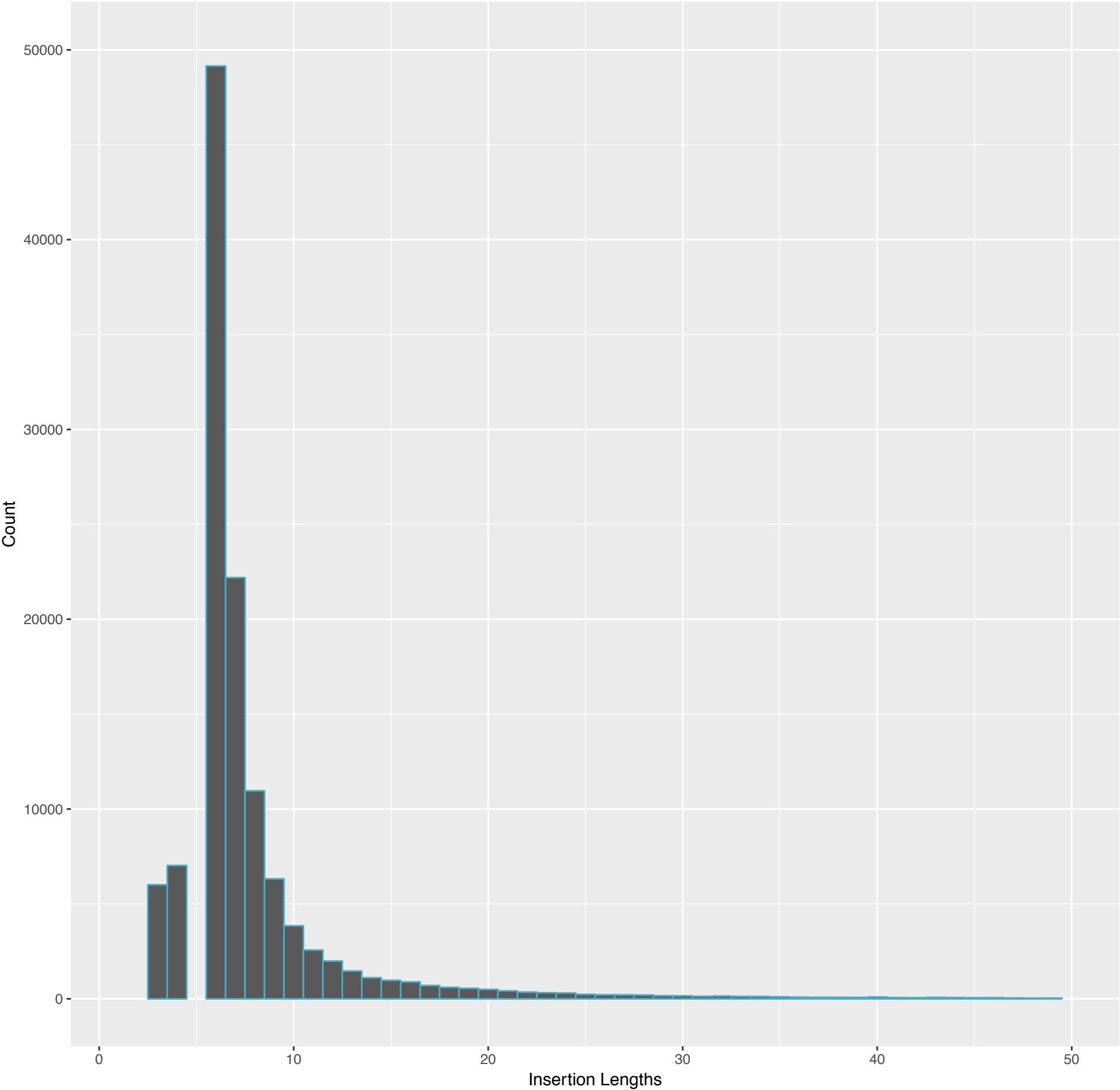
Chrom14, Insertion lengths ≤ 50 , binwidth=1



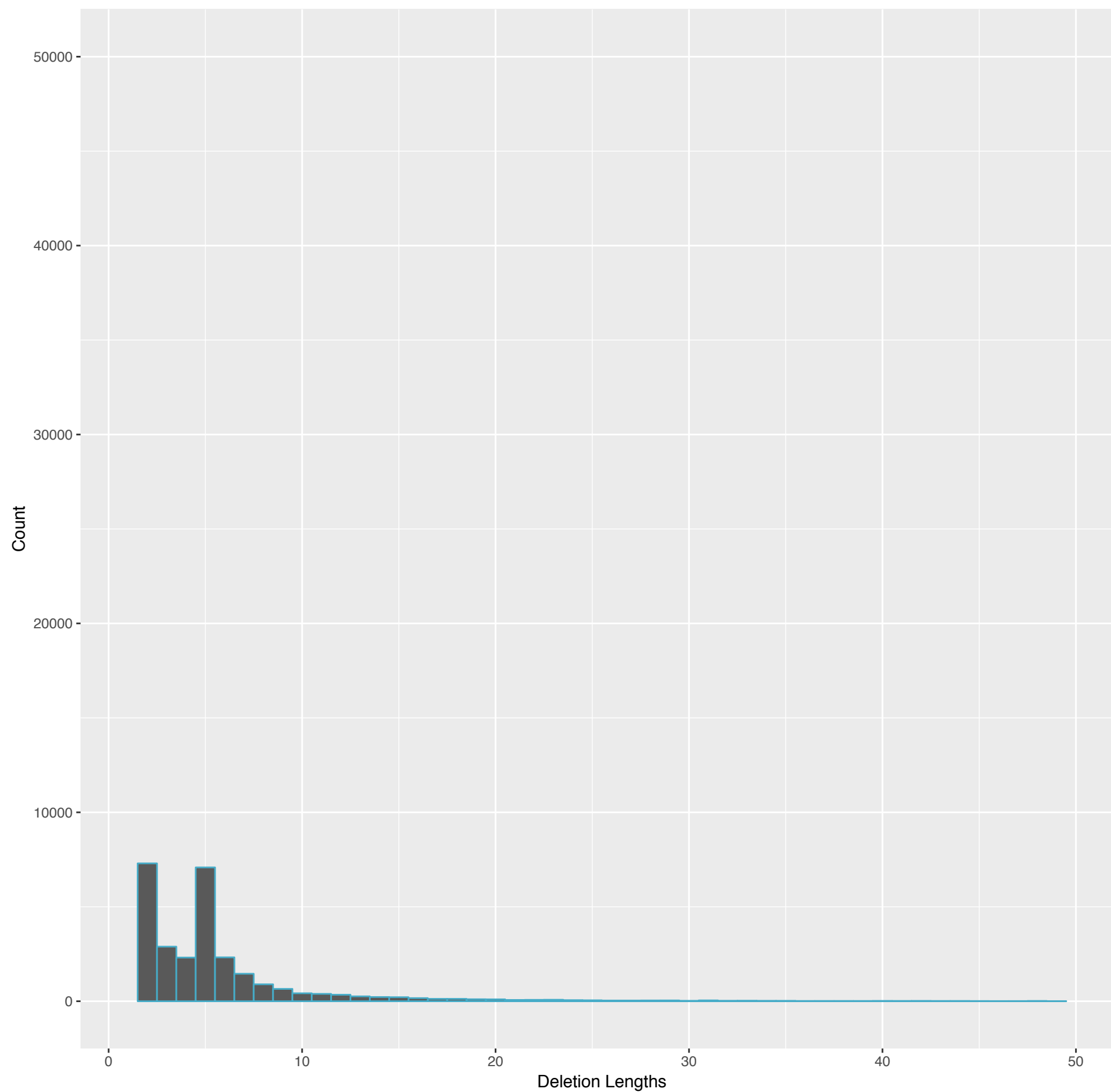
Chrom14, Deletions lengths ≤ 50 , binwidth=1



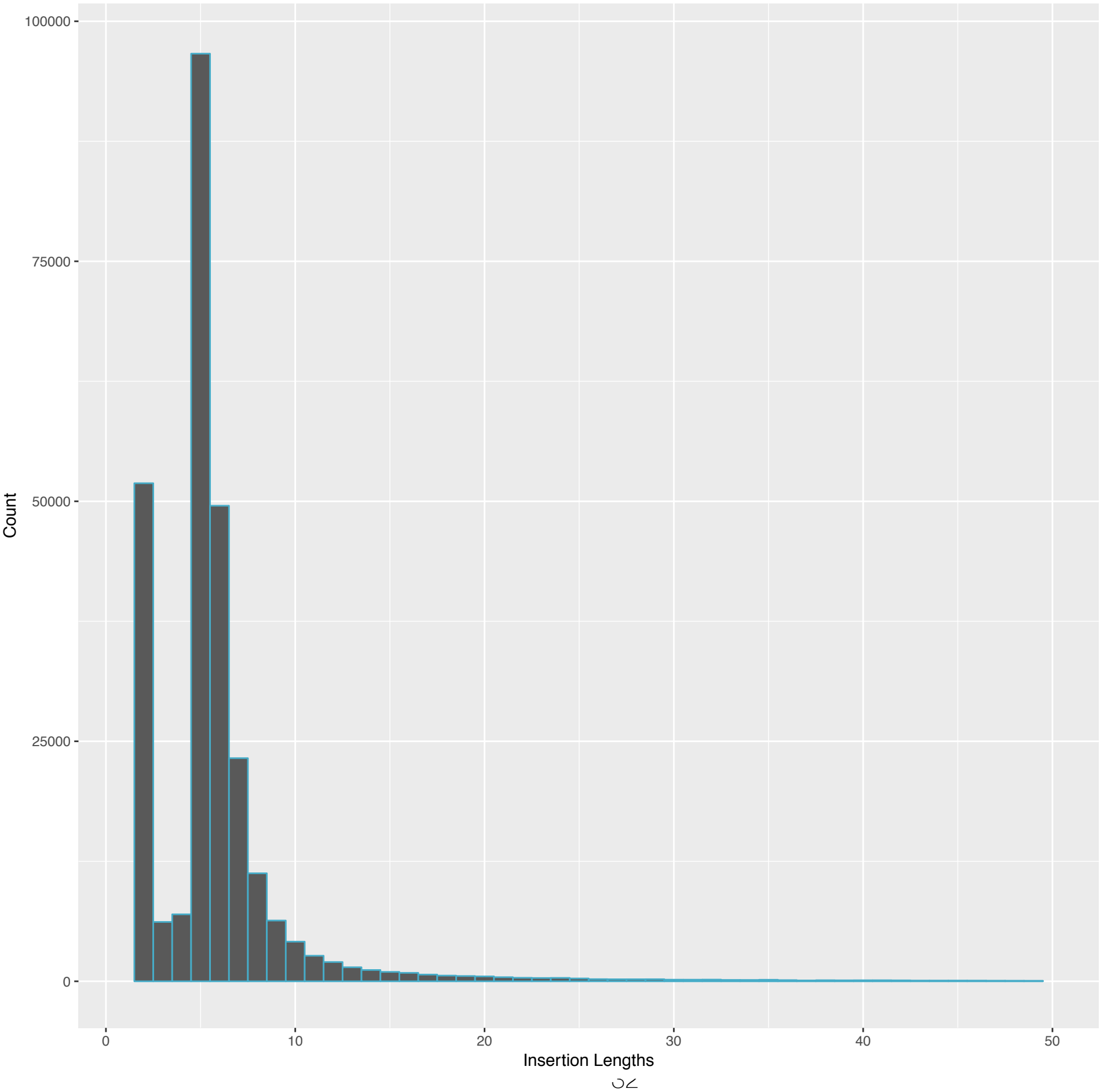
Chrom15, Insertion lengths <= 50, binwidth=1



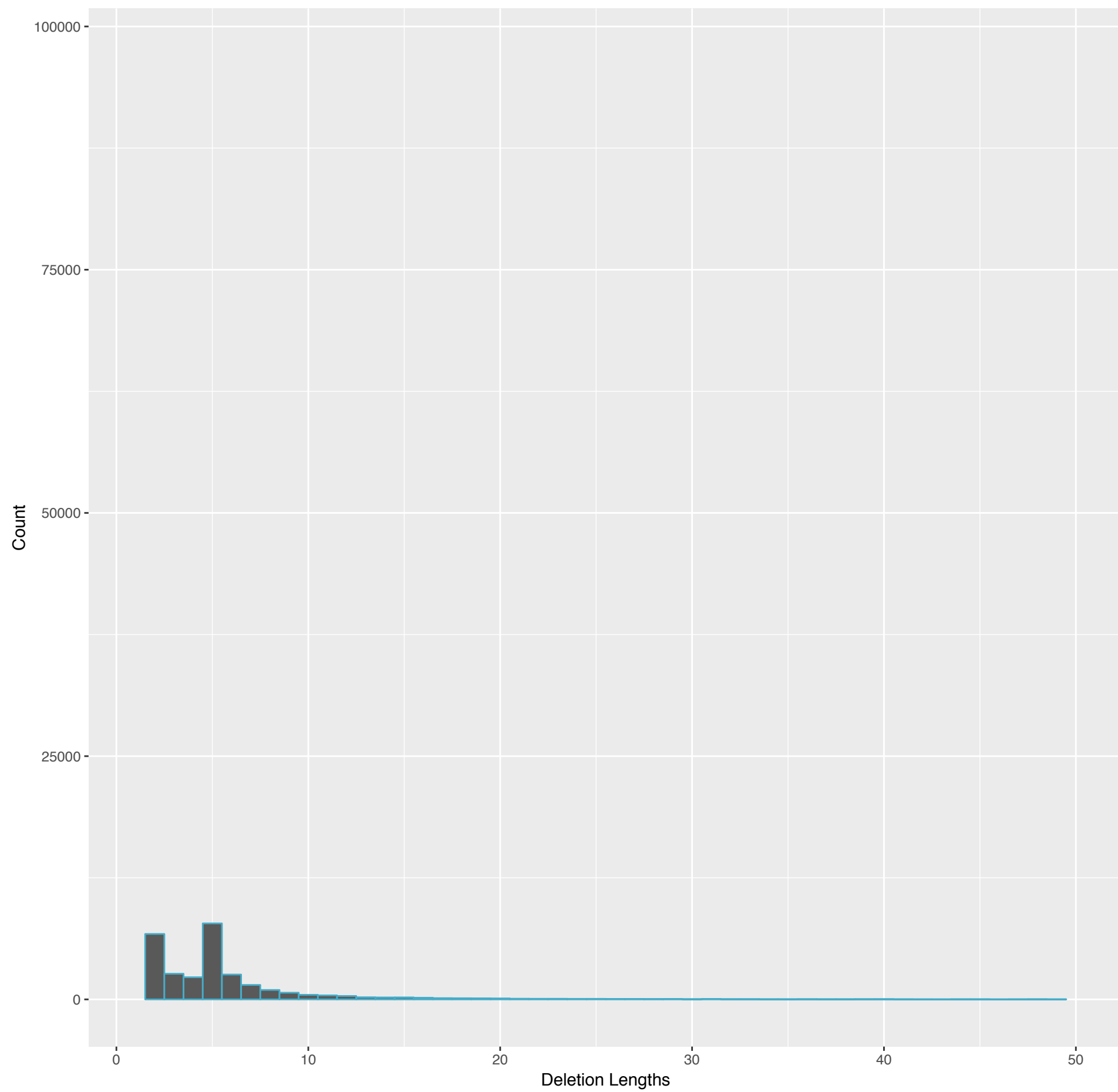
Chrom15, Deletions lengths ≤ 50 , binwidth=1



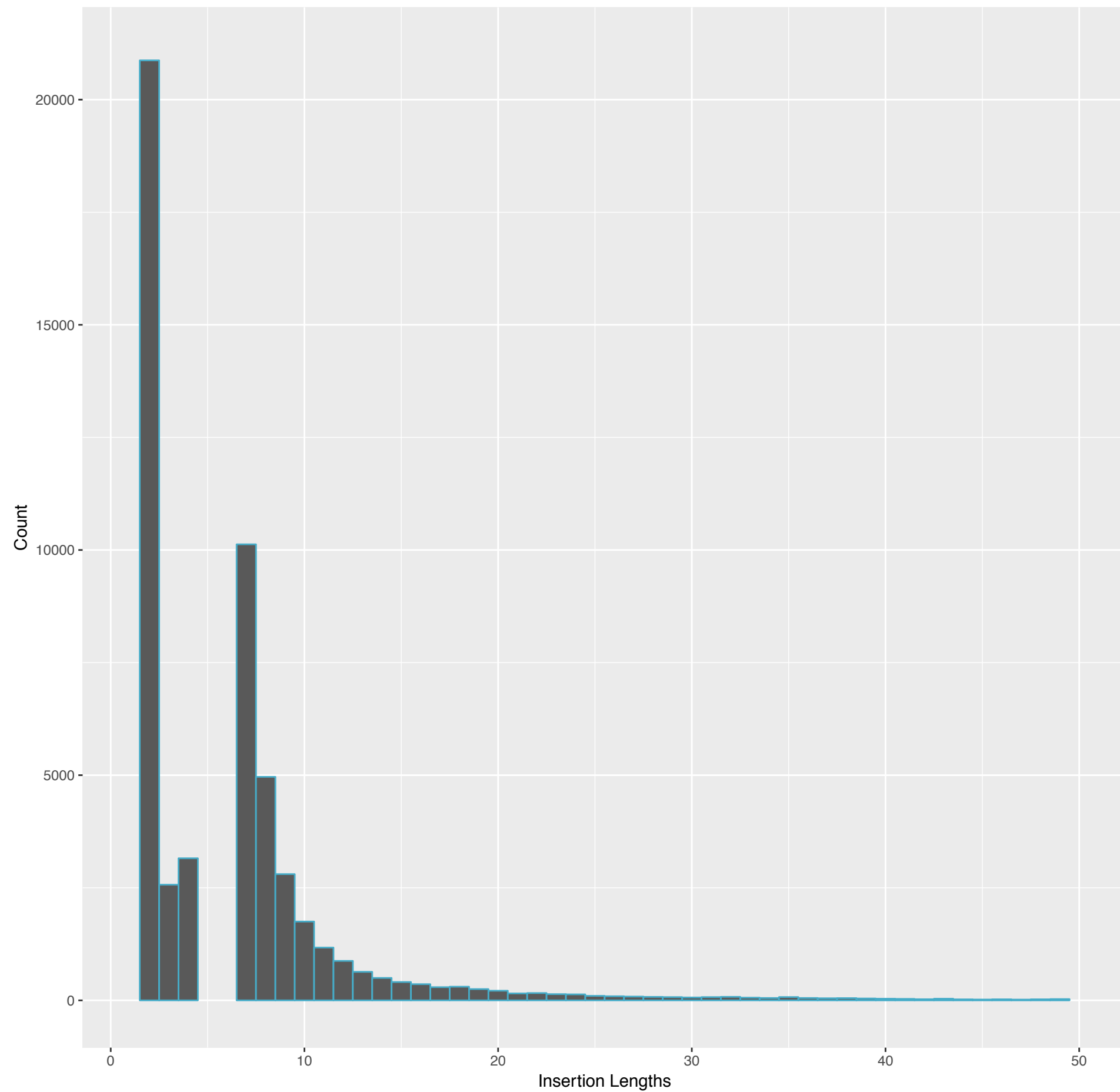
Chrom16, Insertion lengths <= 50, binwidth=1



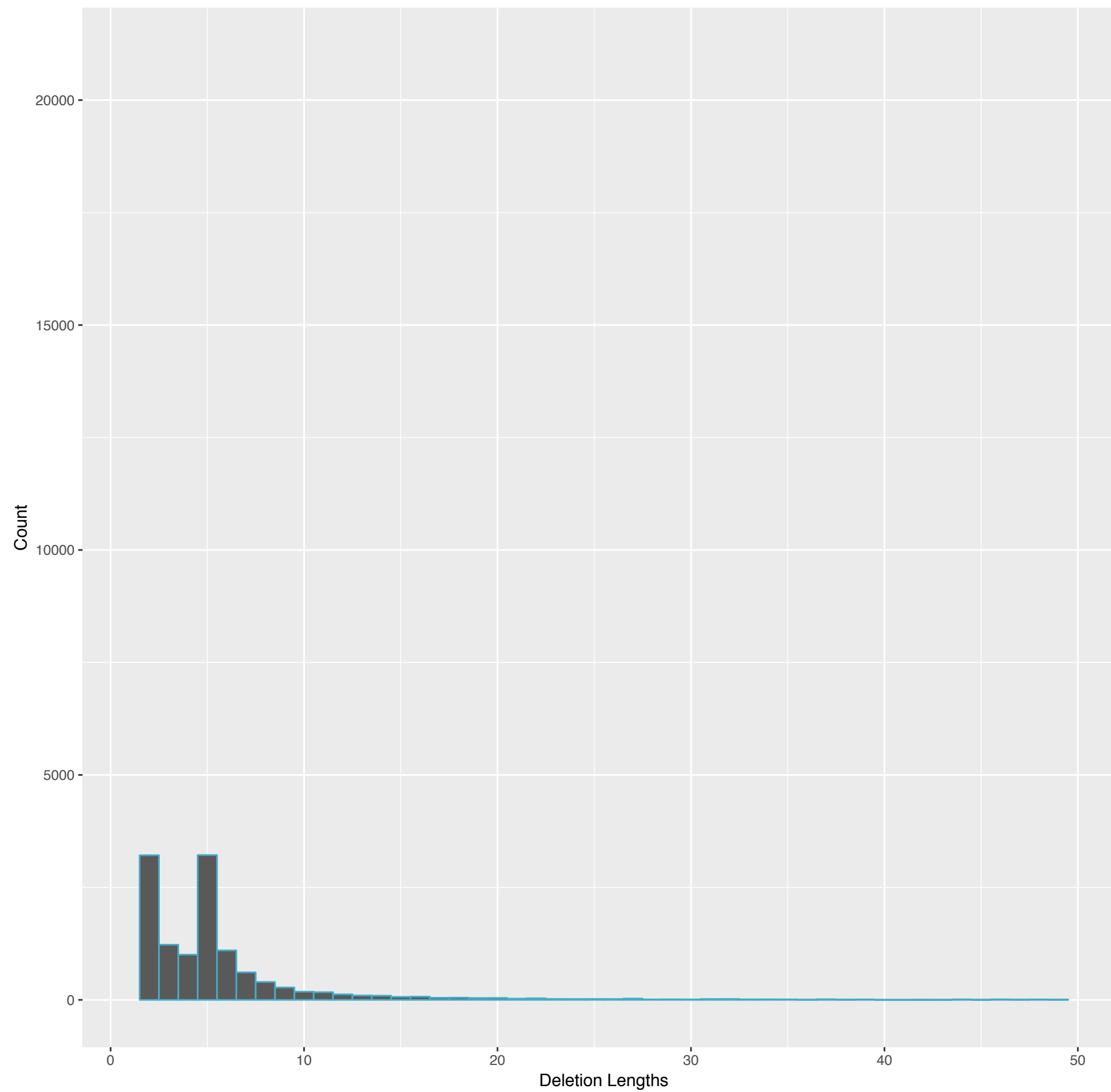
Chrom16, Deletions lengths ≤ 50 , binwidth=1



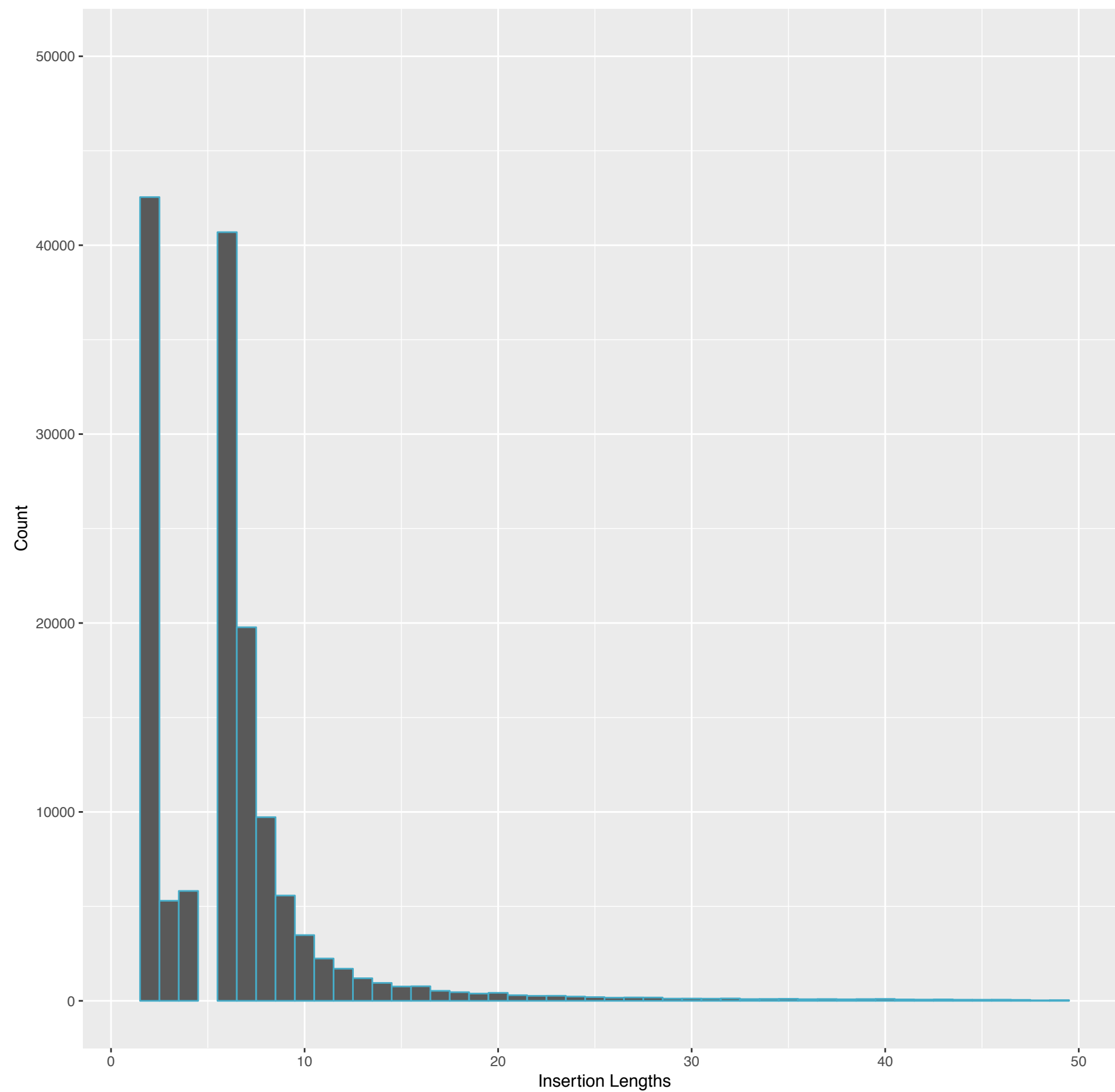
Chrom17, Insertion lengths ≤ 50 , binwidth=1



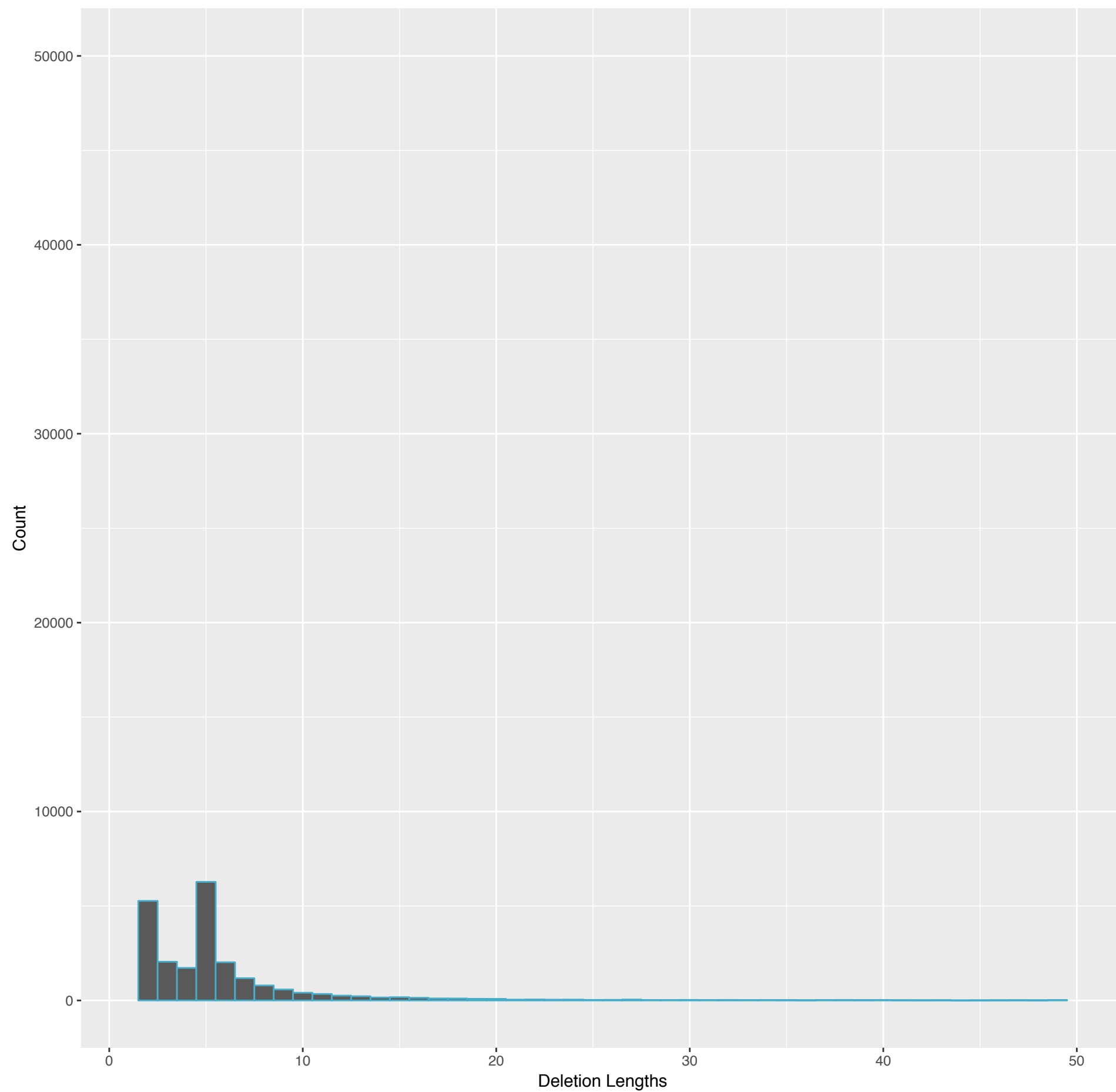
Chrom17, Deletions lengths ≤ 50 , binwidth=1



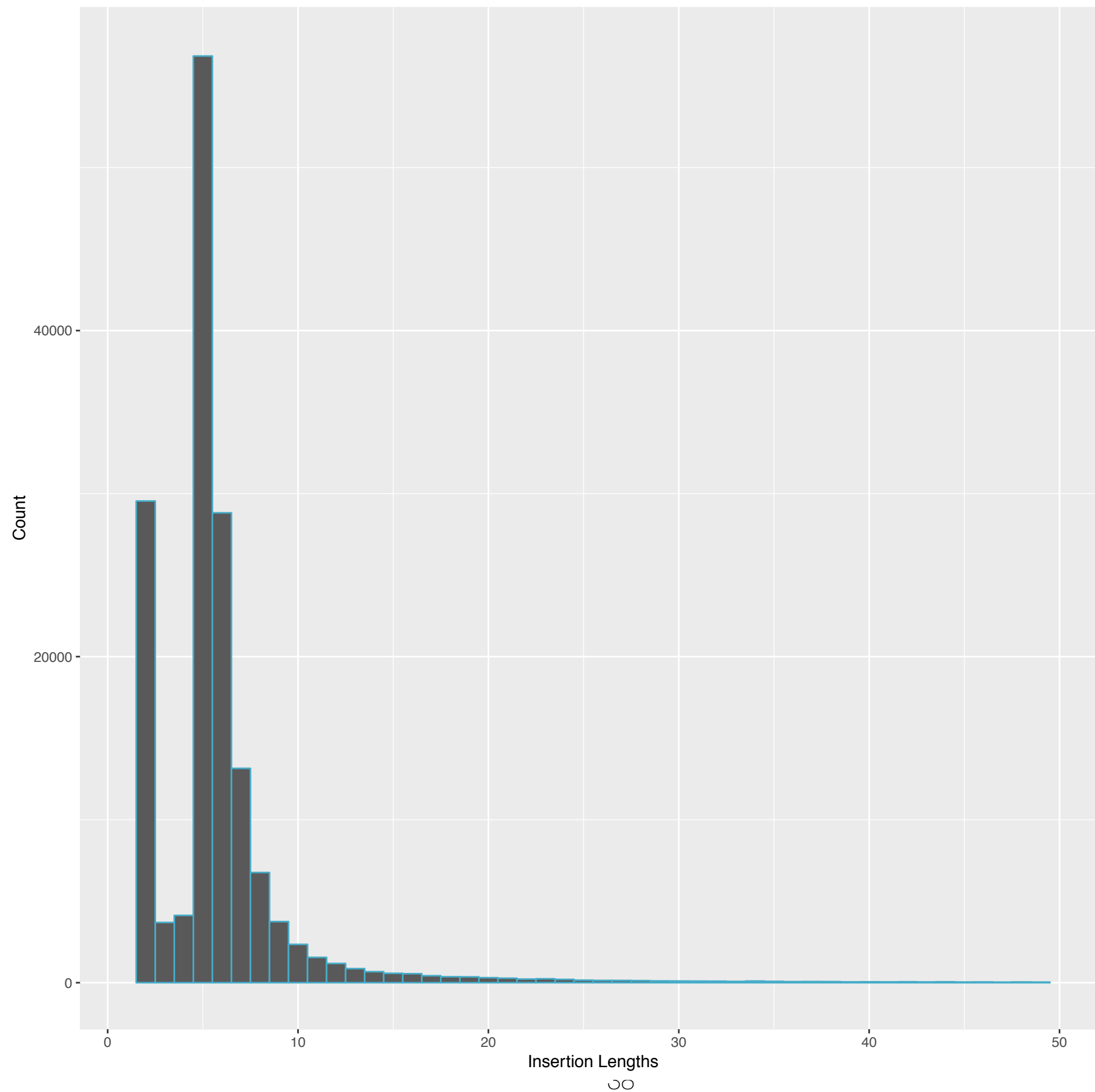
Chrom18, Insertion lengths ≤ 50 , binwidth=1



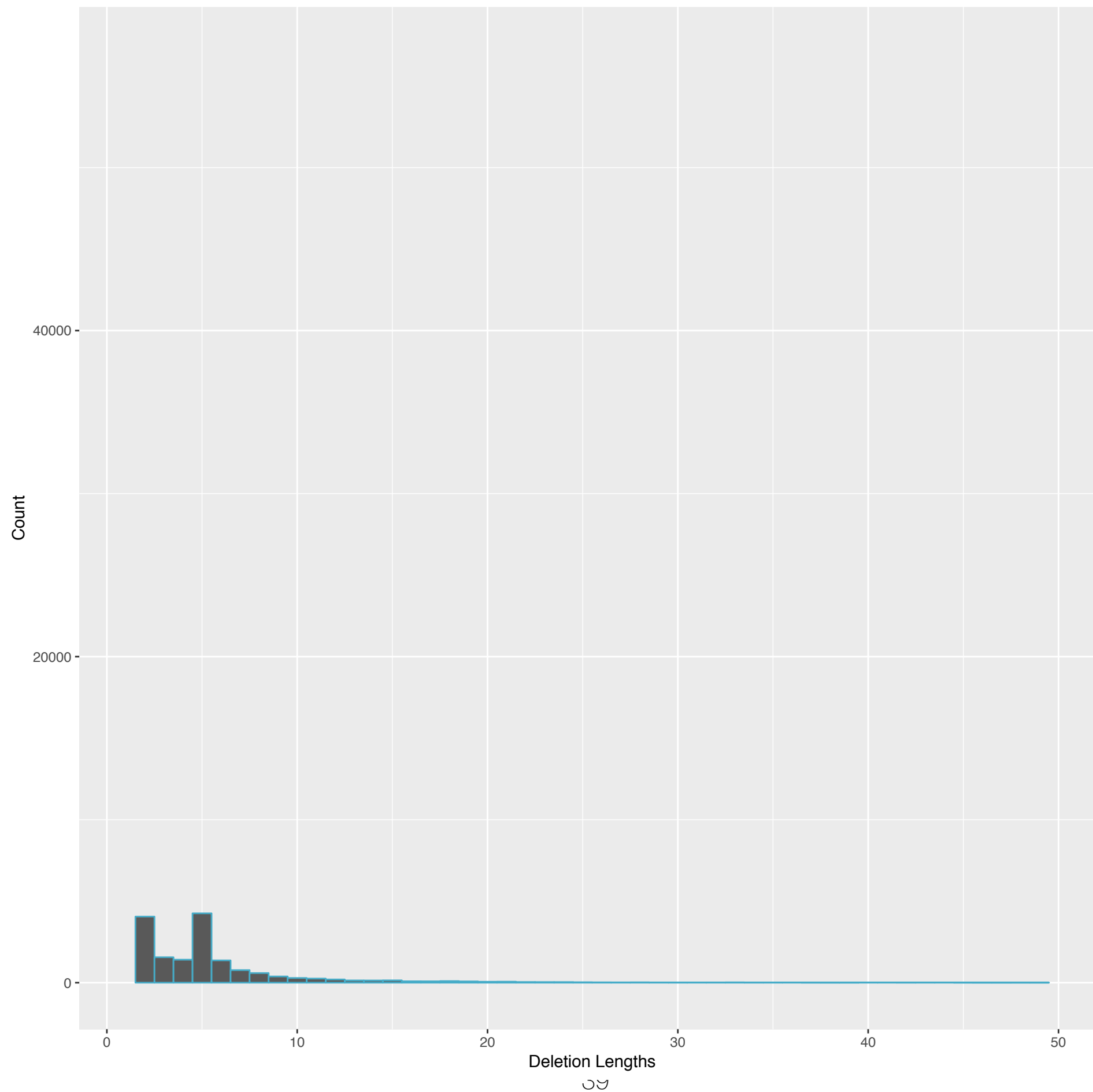
Chrom18, Deletions lengths <= 50, binwidth=1



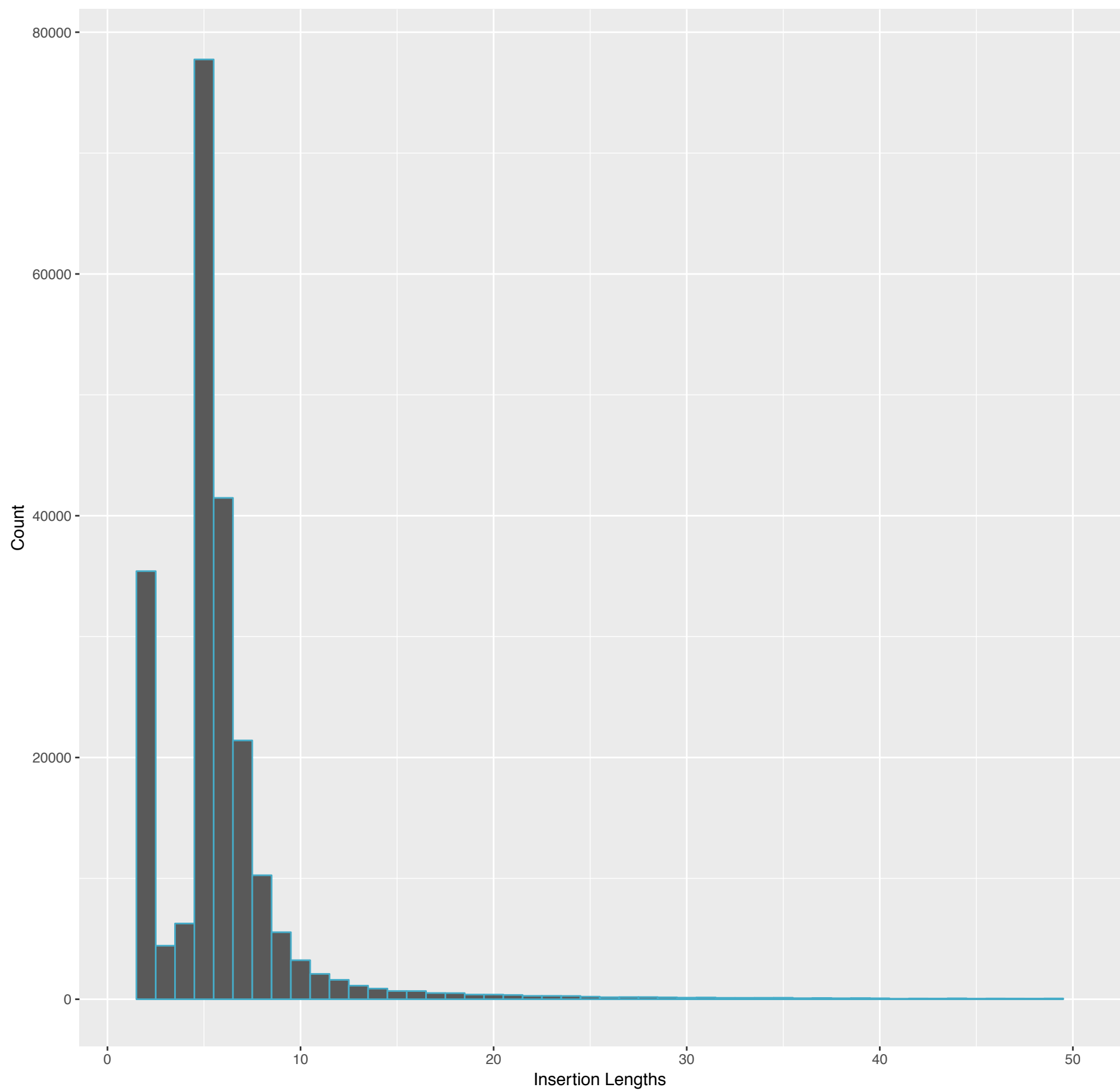
Chrom19, Insertion lengths <= 50, binwidth=1

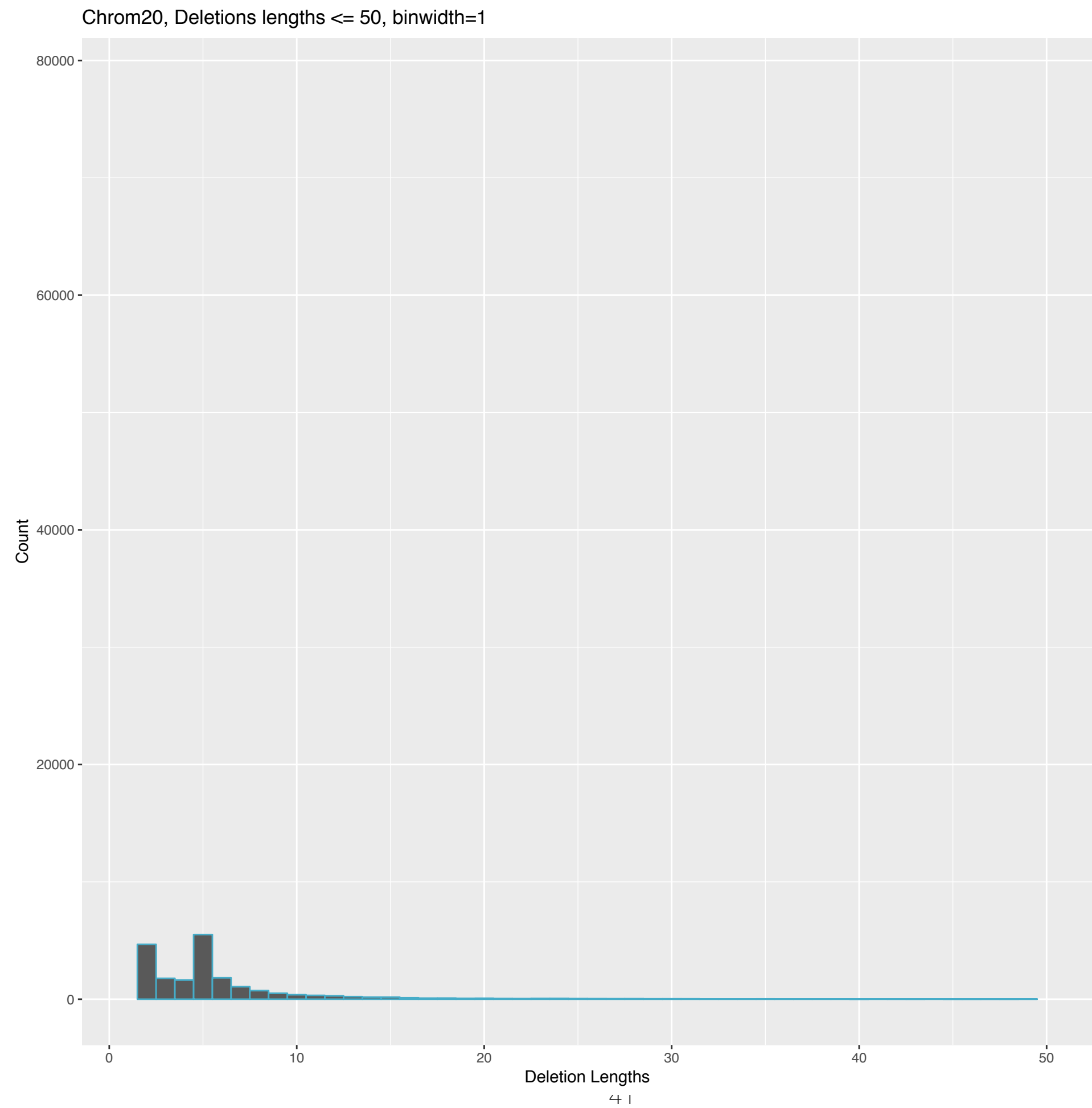


Chrom19, Deletions lengths ≤ 50 , binwidth=1

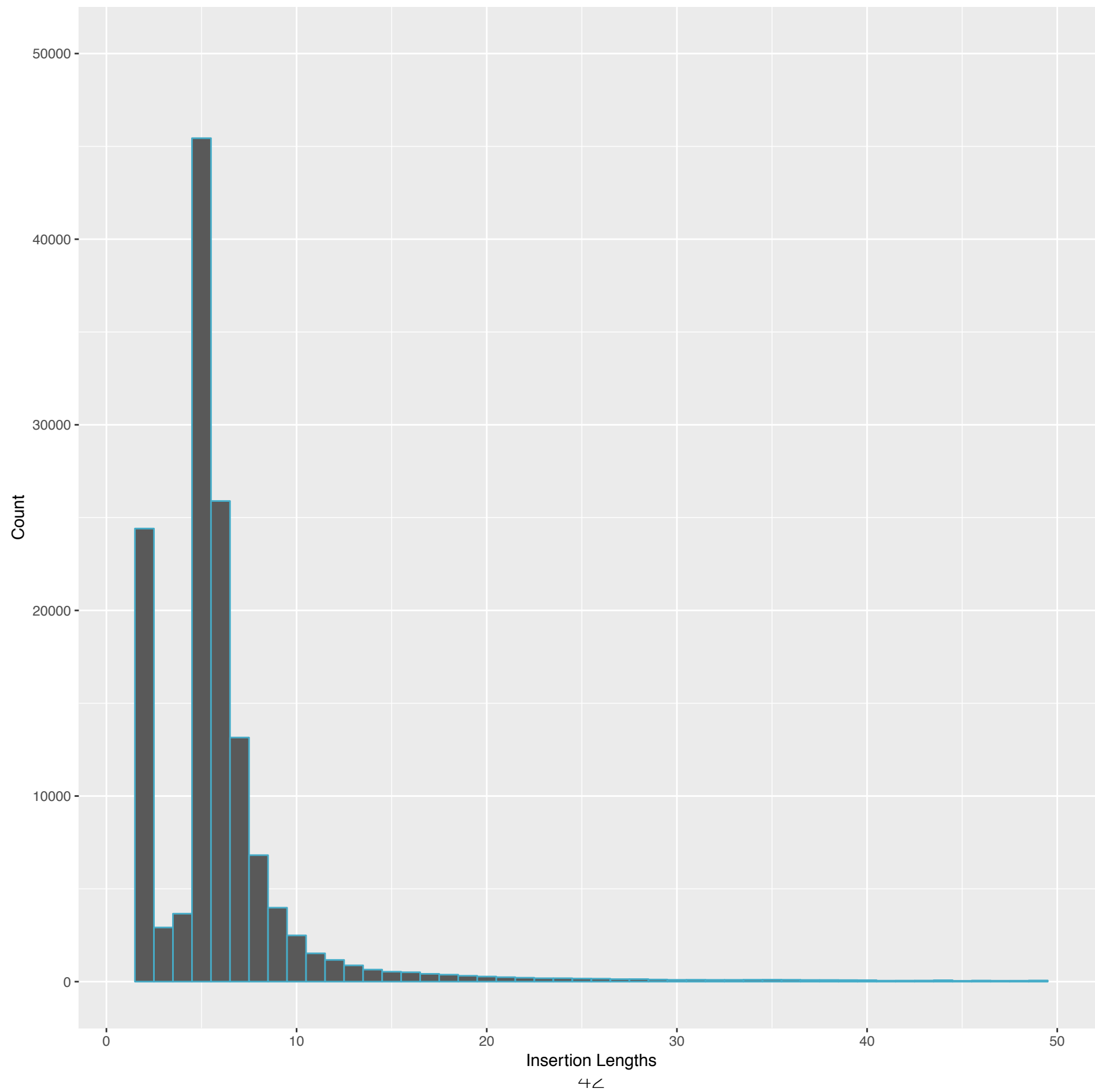


Chrom20, Insertion lengths ≤ 50 , binwidth=1

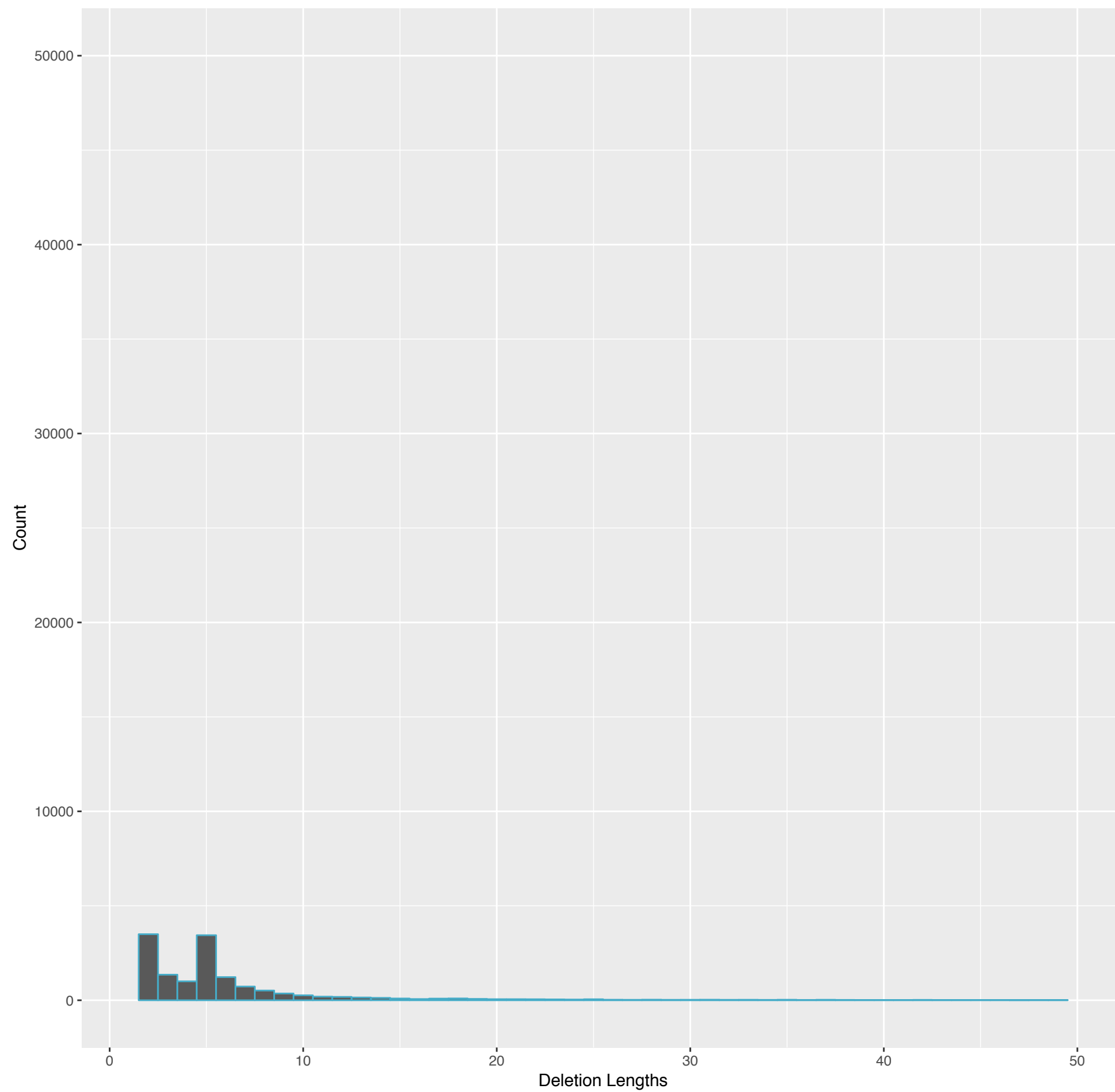




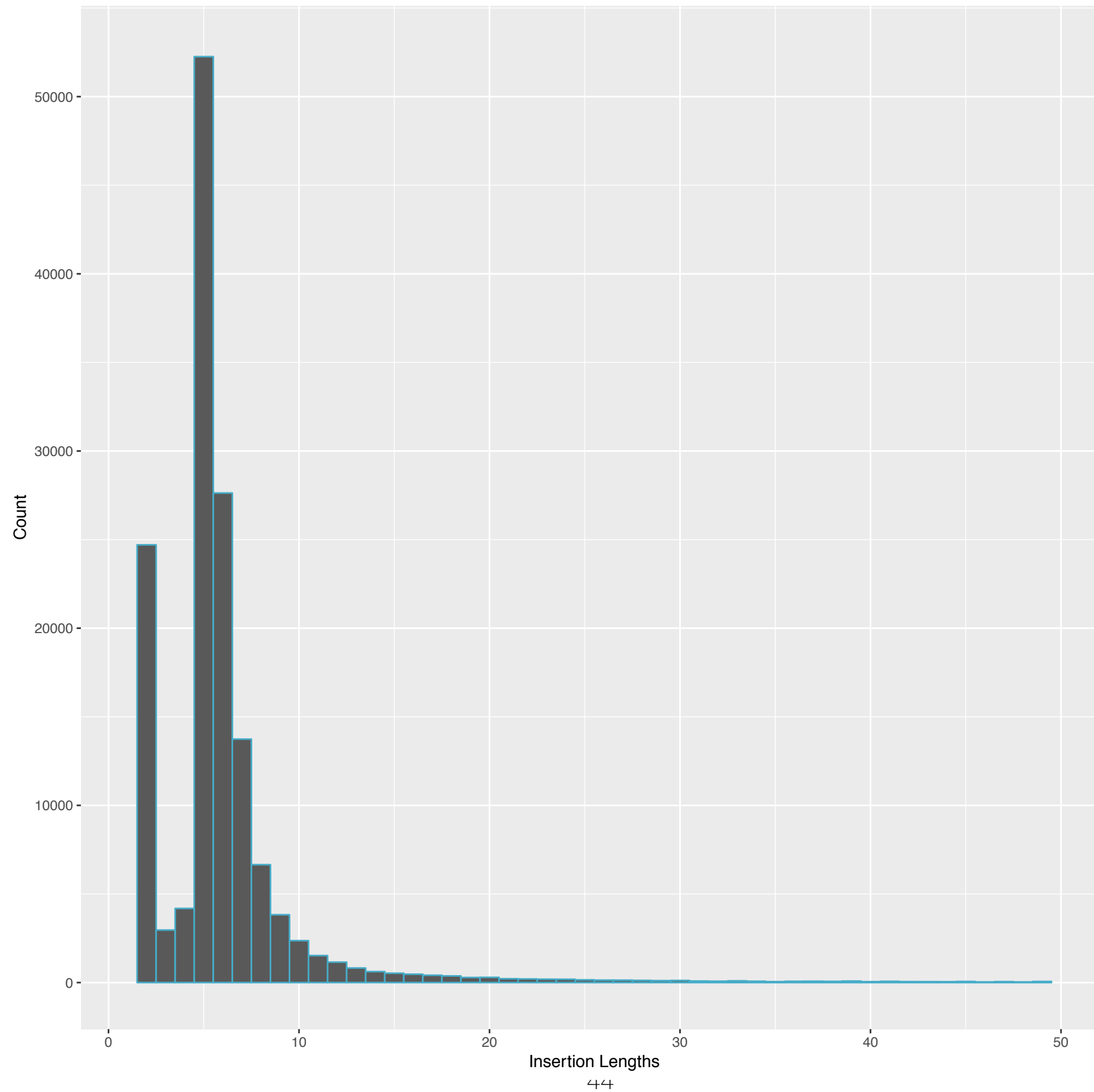
Chrom21, Insertion lengths <= 50, binwidth=1



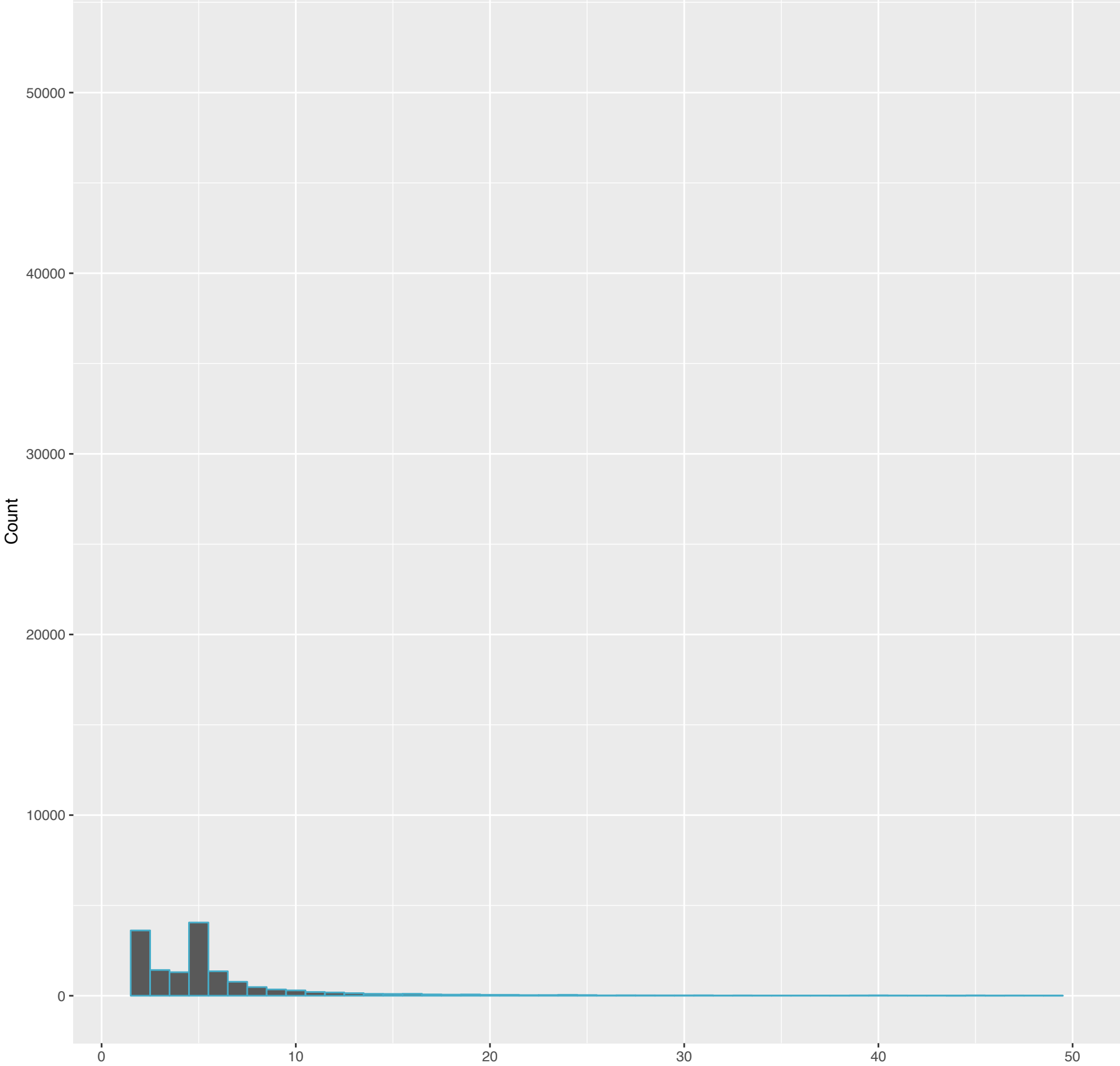
Chrom21, Deletions lengths ≤ 50 , binwidth=1



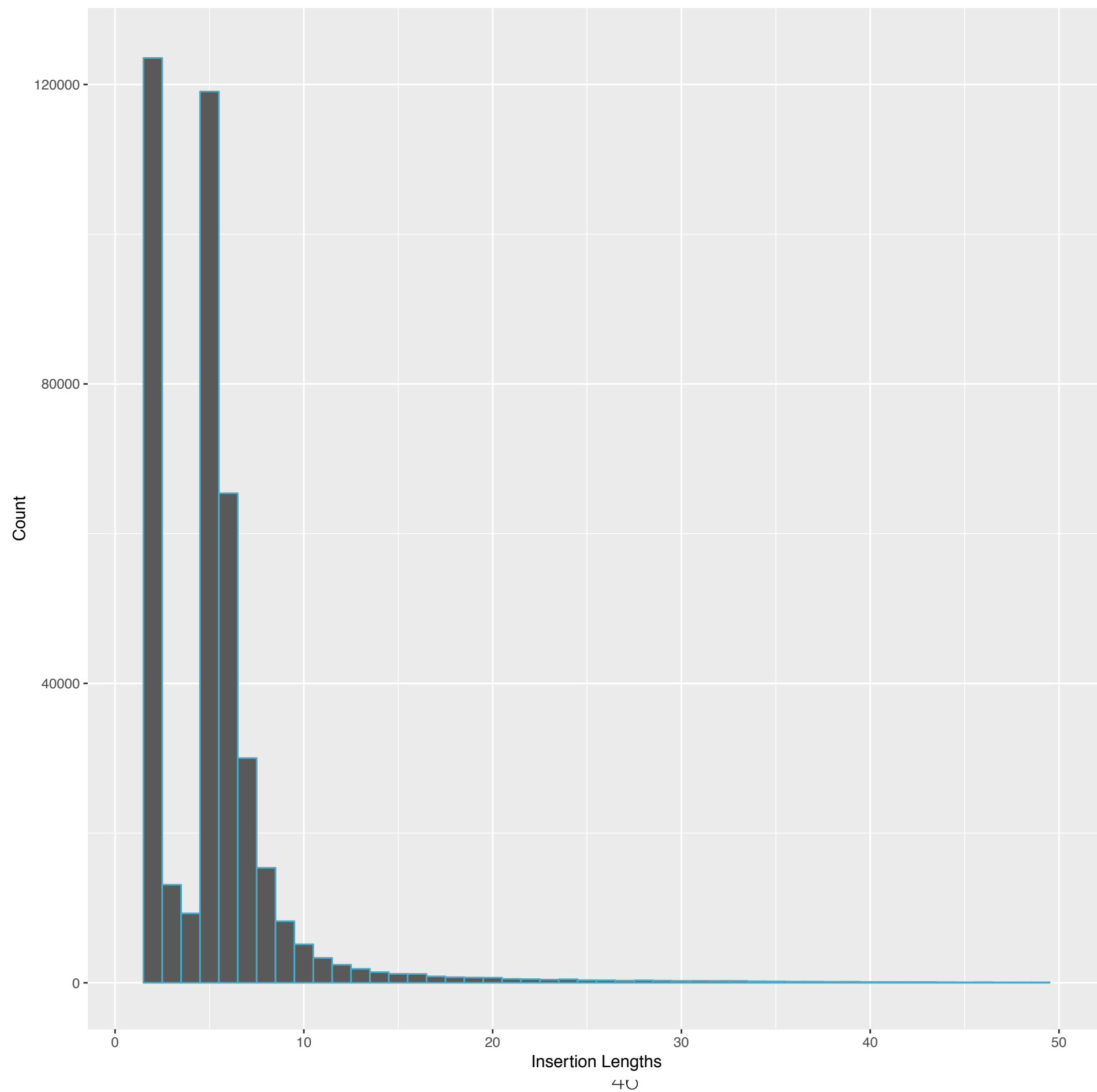
Chrom22, Insertion lengths <= 50, binwidth=1



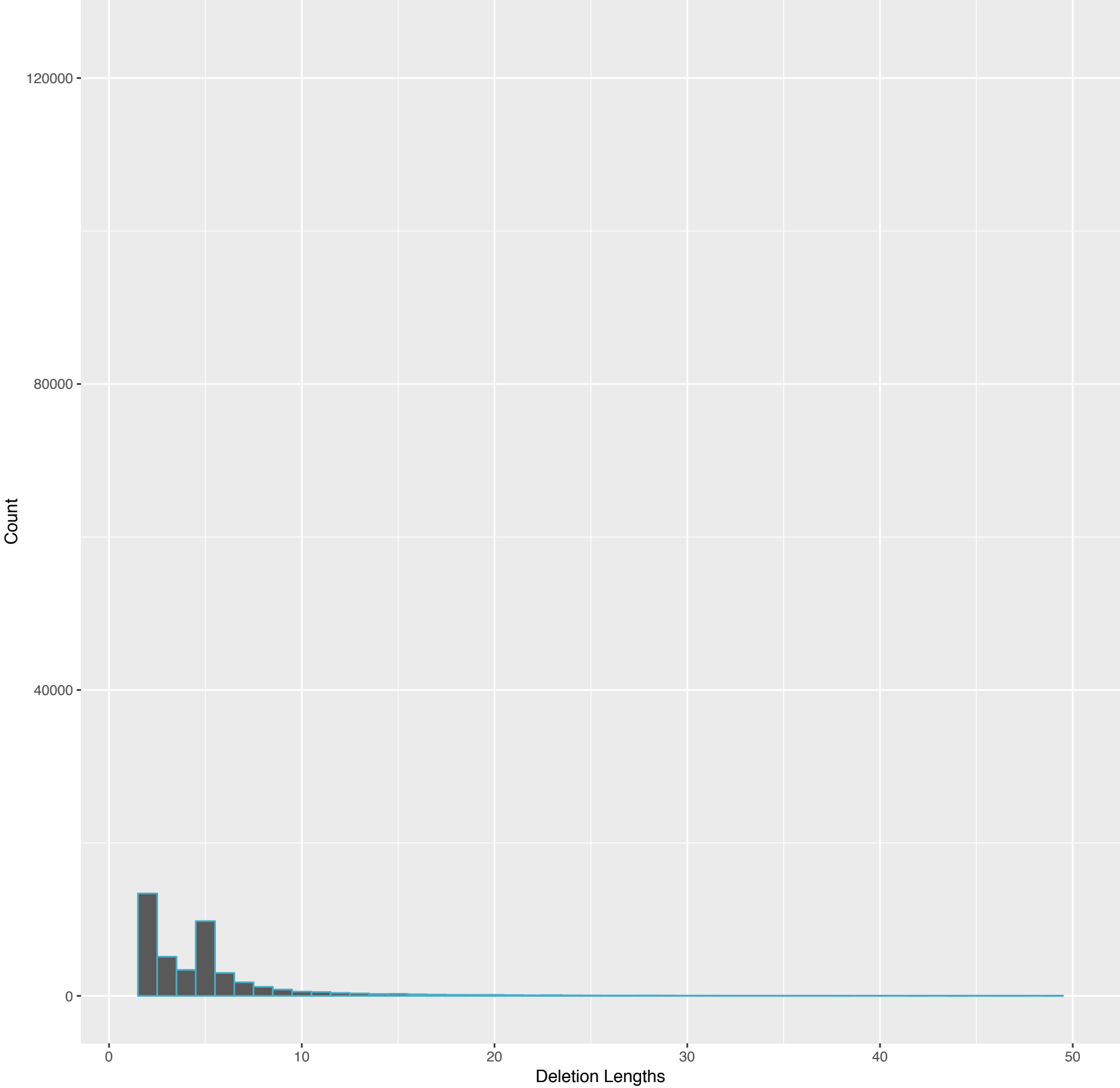
Chrom22, Deletions lengths <= 50, binwidth=1



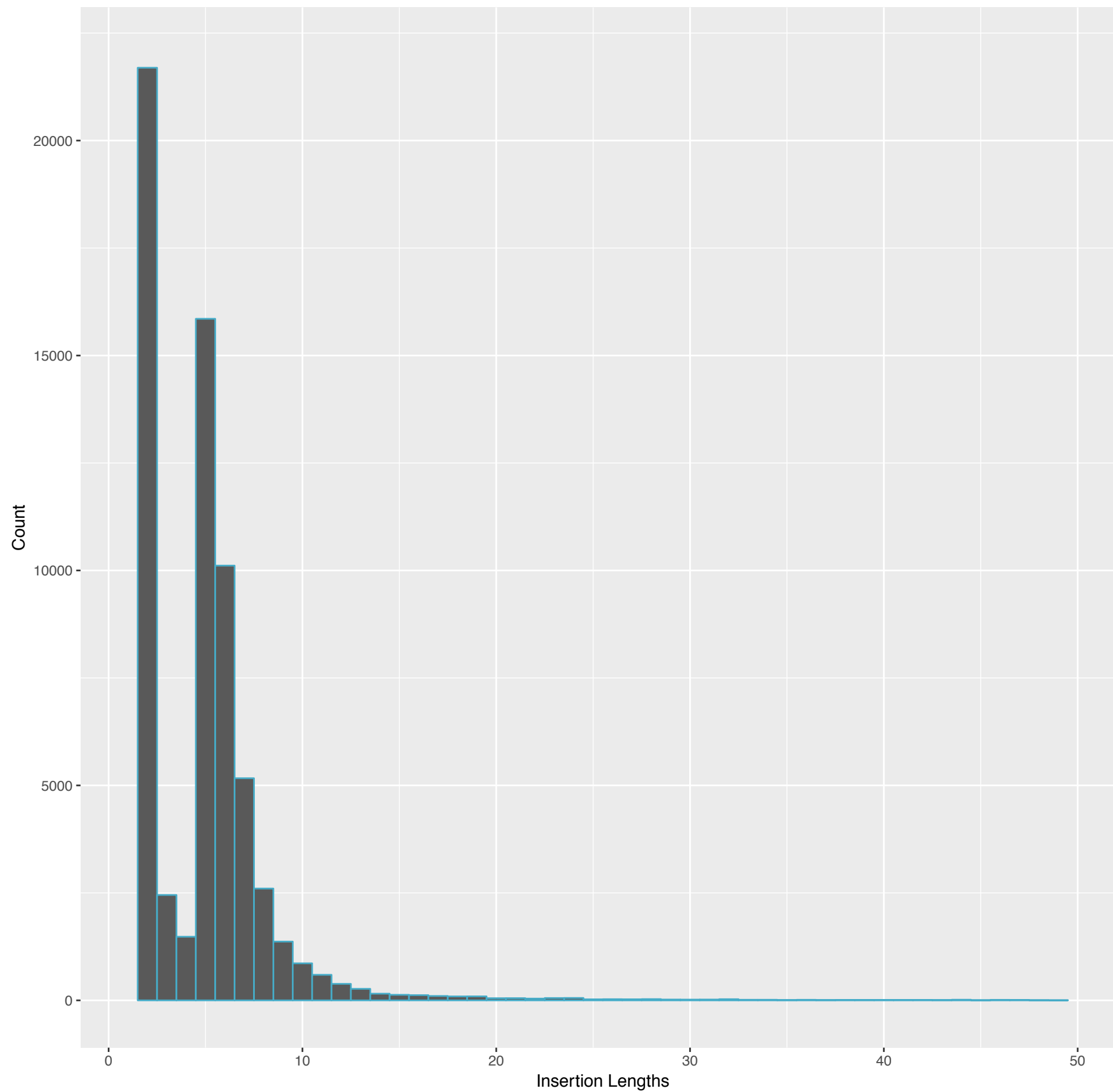
ChromX, Insertion lengths ≤ 50 , binwidth=1



ChromX, Deletions lengths <= 50, binwidth=1



ChromY, Insertion lengths <= 50, binwidth=1



ChromY, Deletions lengths <= 50, binwidth=1

