DP_per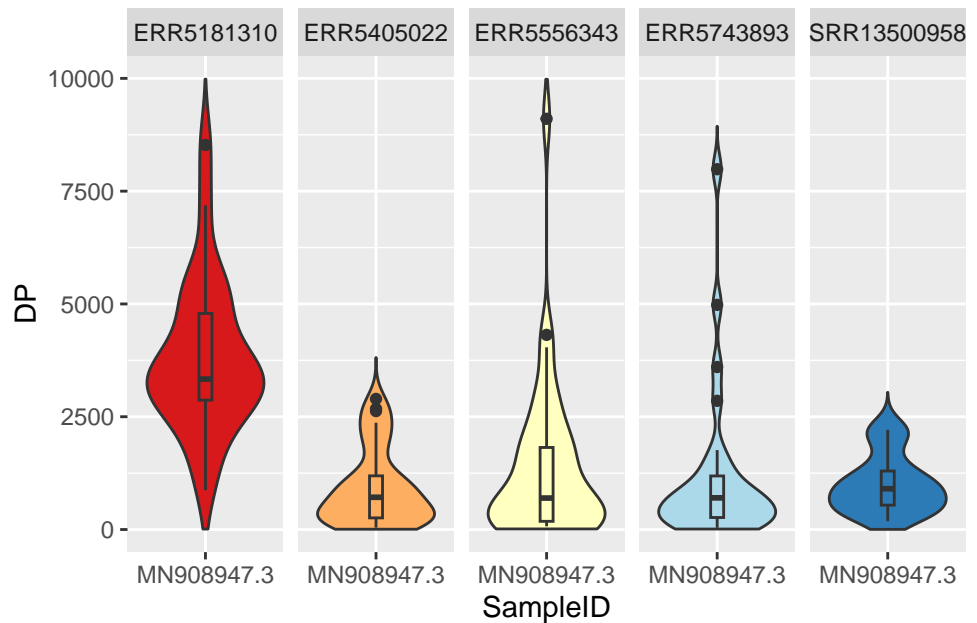_Chromosome