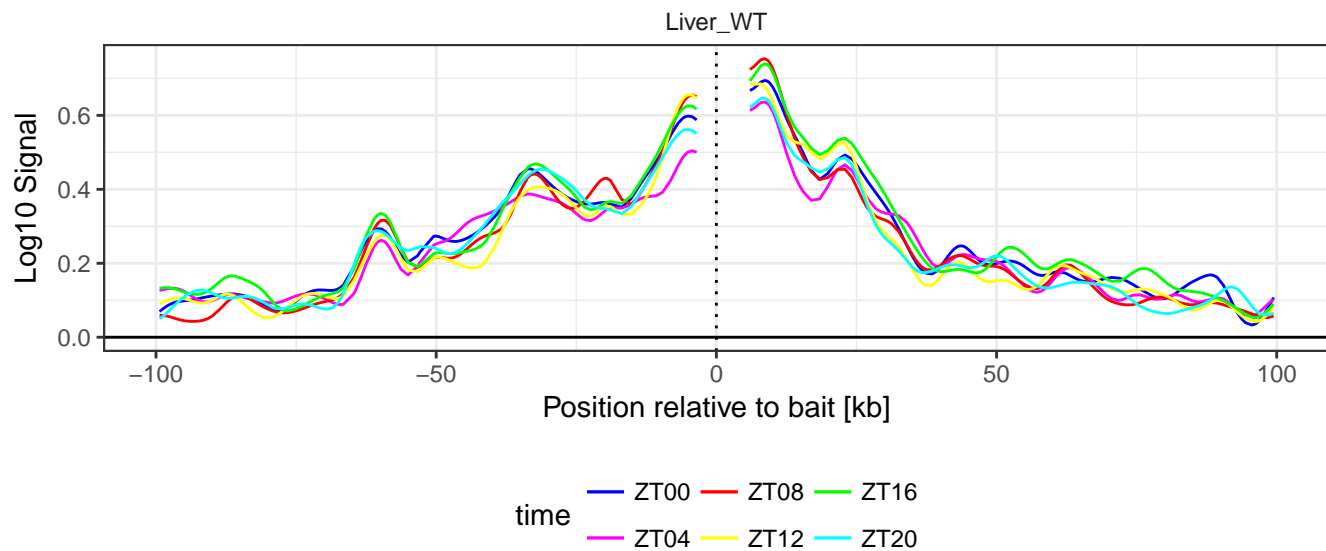
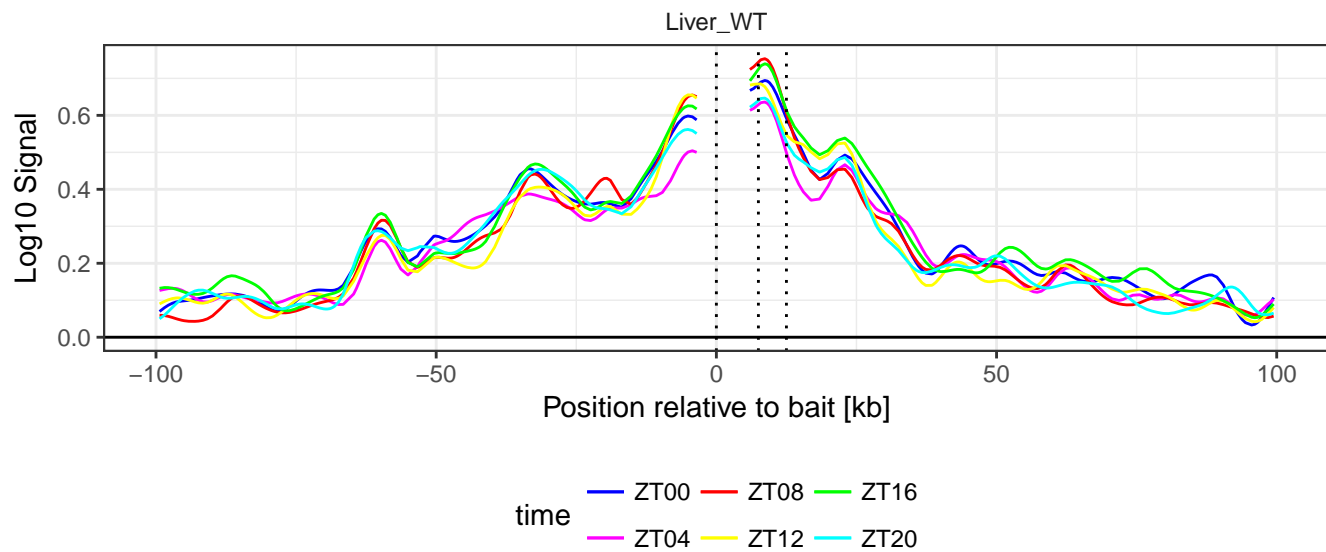


Per1_TSS Around the Clock

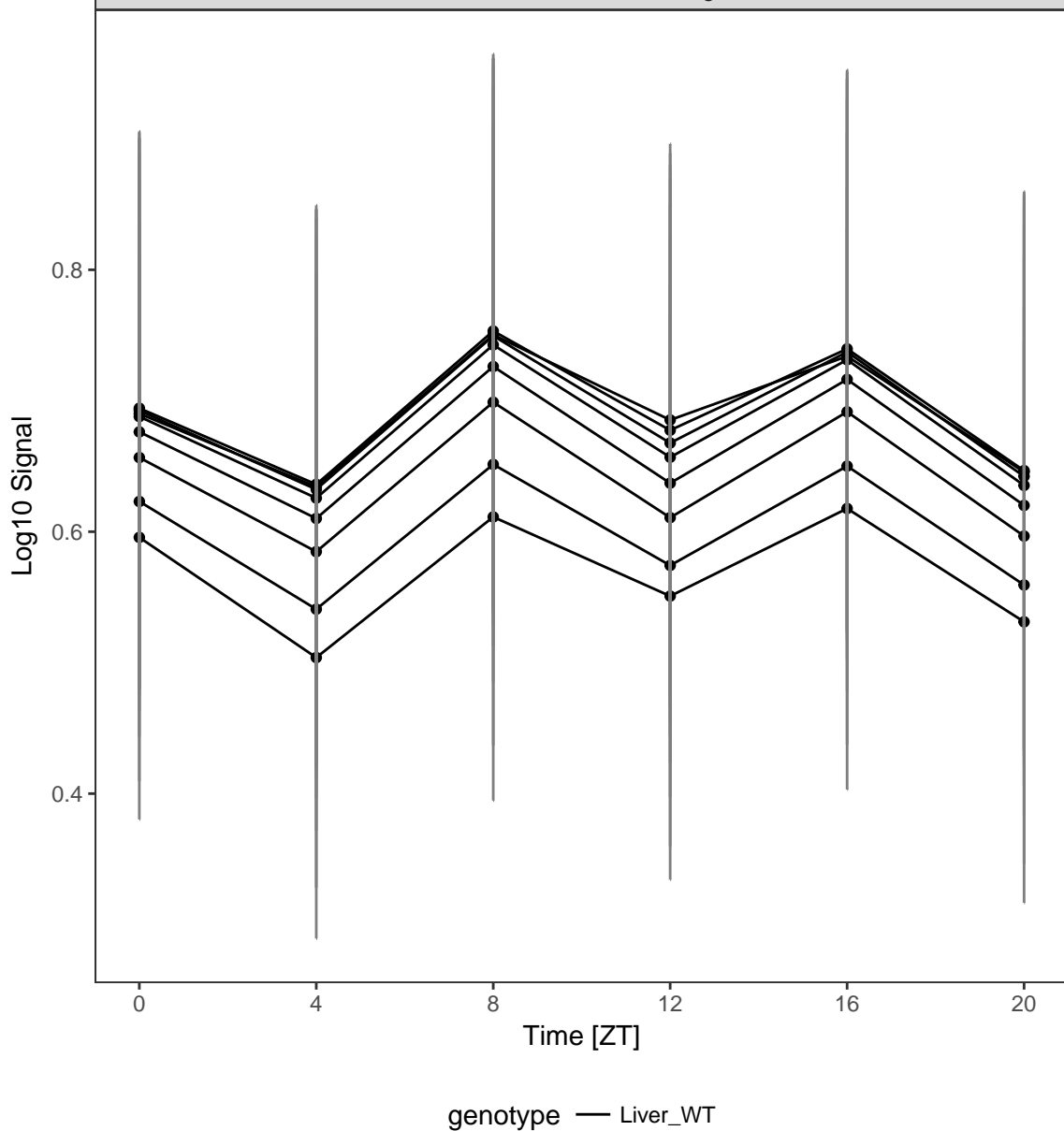


Per1_TSS Around the Clock



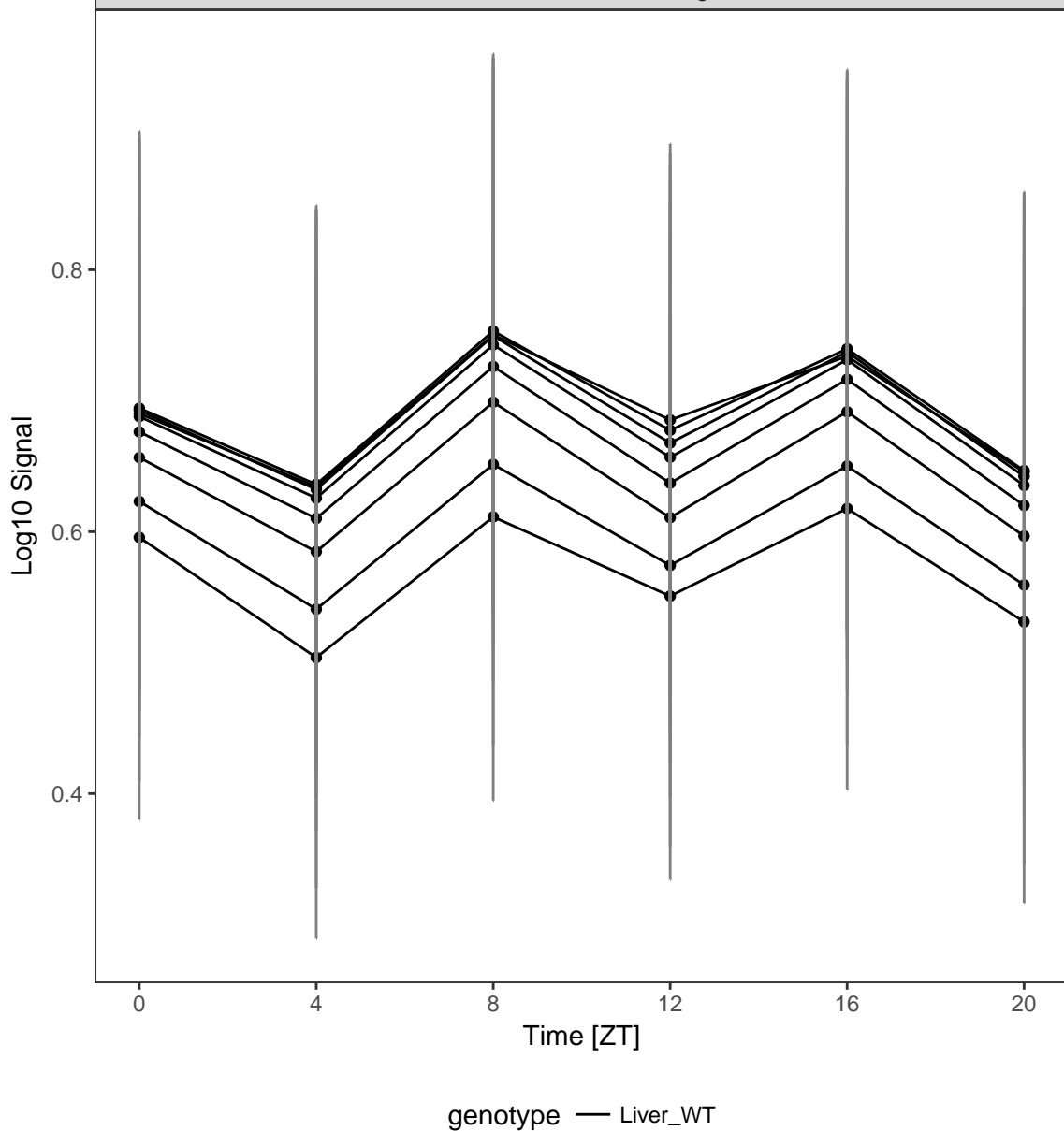
Fragment range: 7500 to 12500

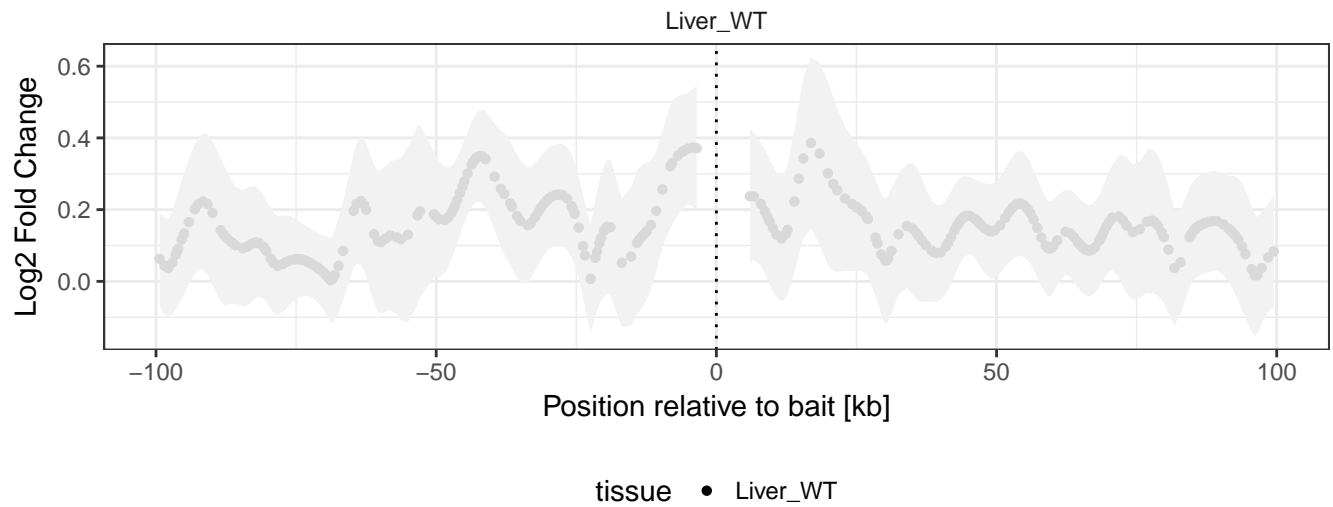
Liver_WT Pval=0.048 Phase=12 Log2FC=0.16

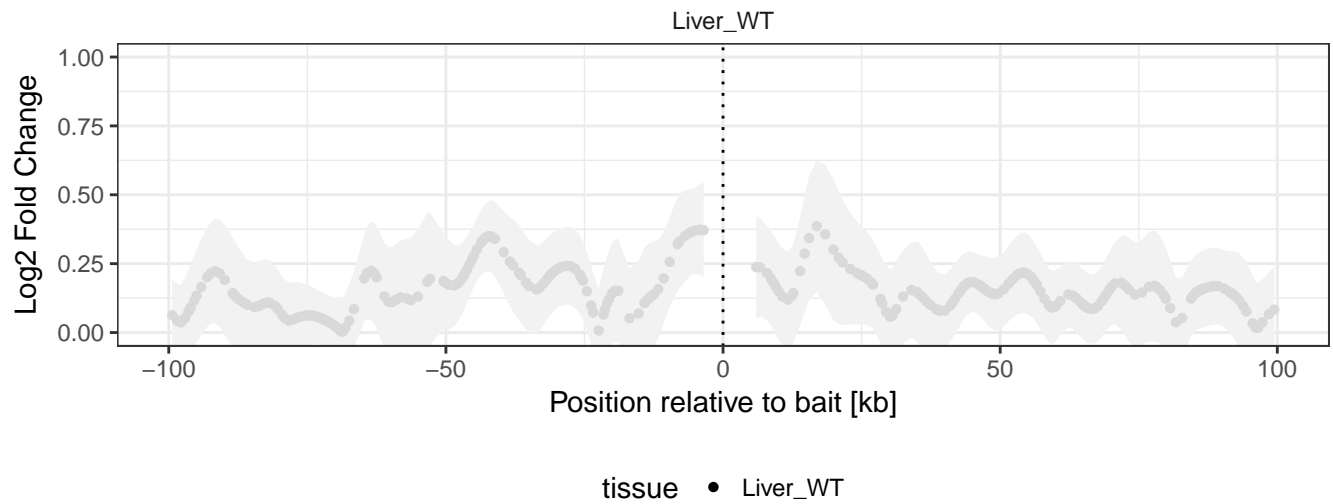


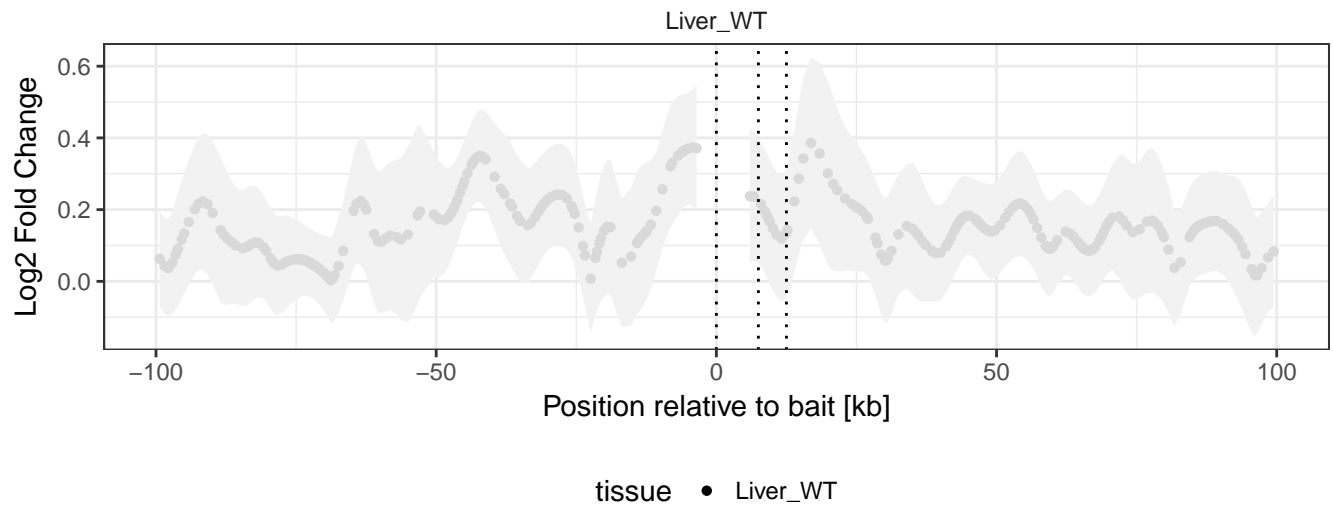
Fragment range: 7500 to 12500

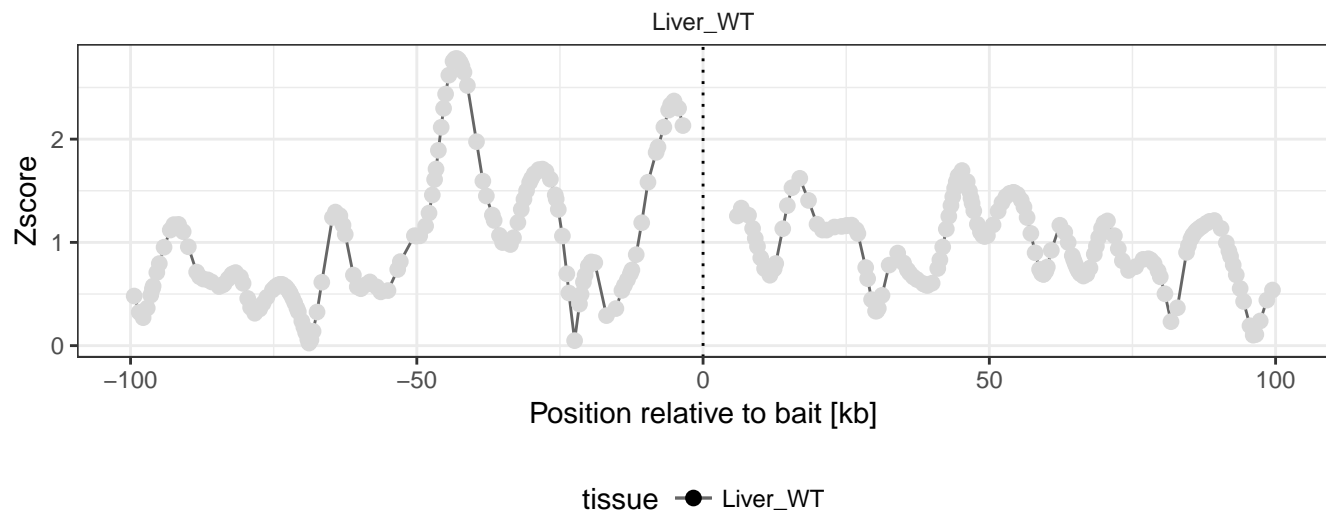
Liver_WT Pval=0.46 Phase=13 Log2FC=0.17

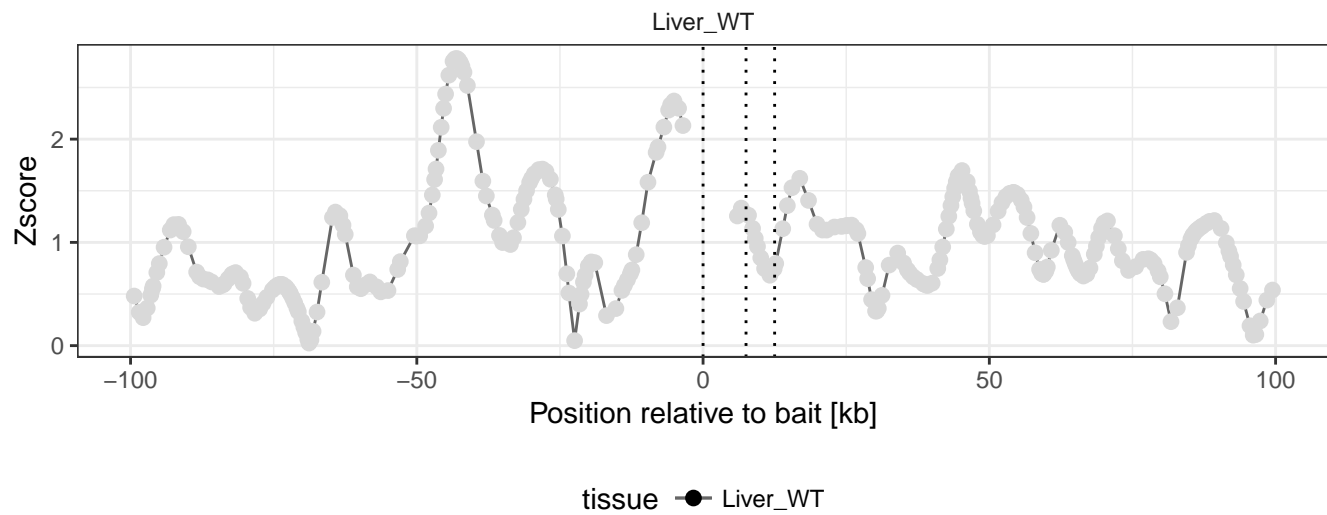


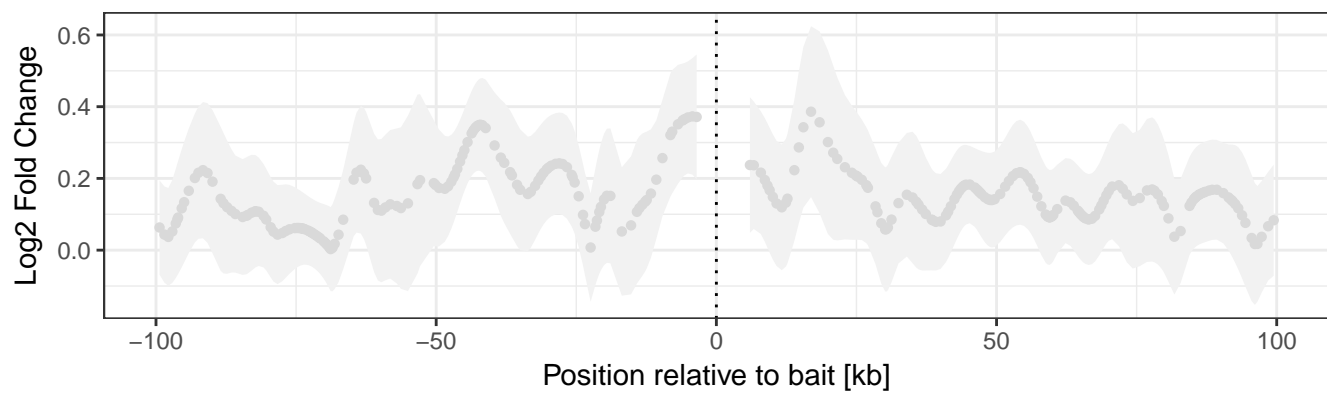




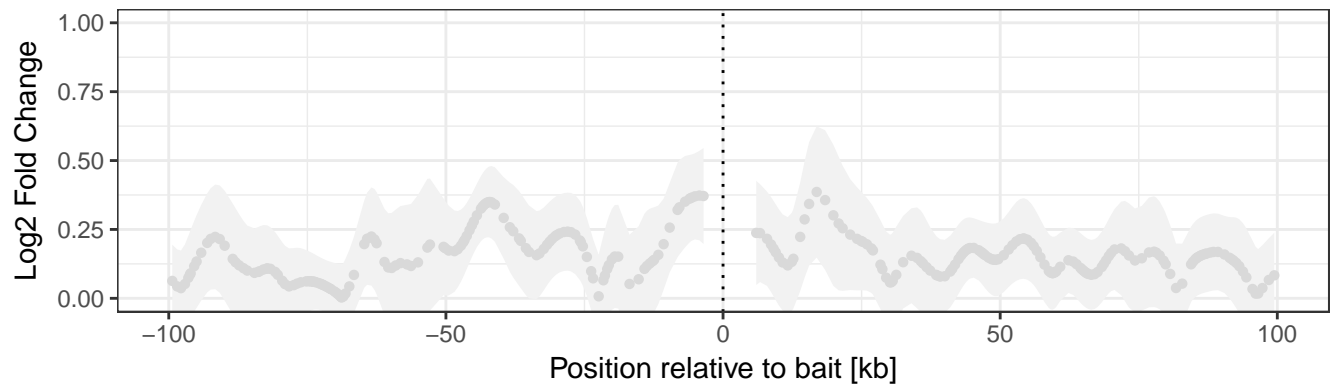




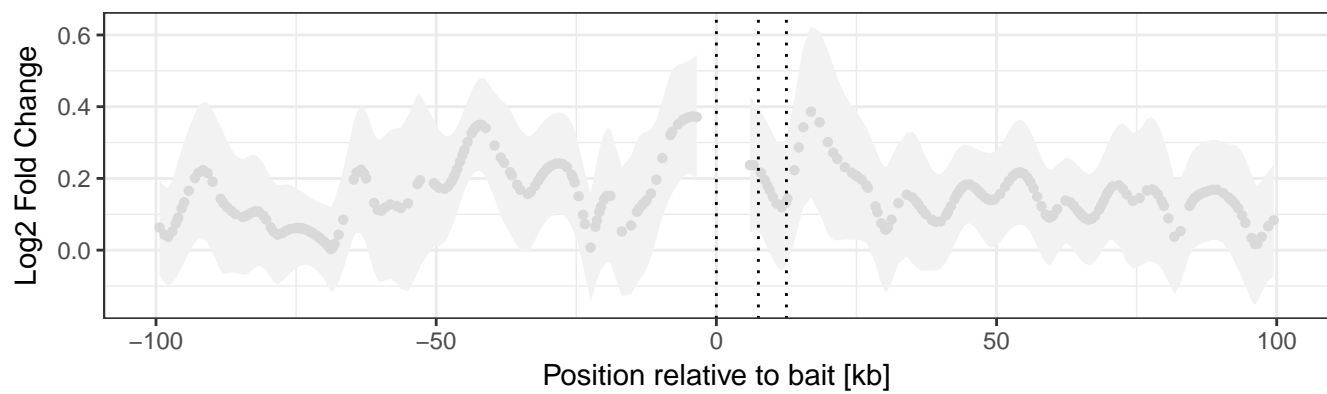




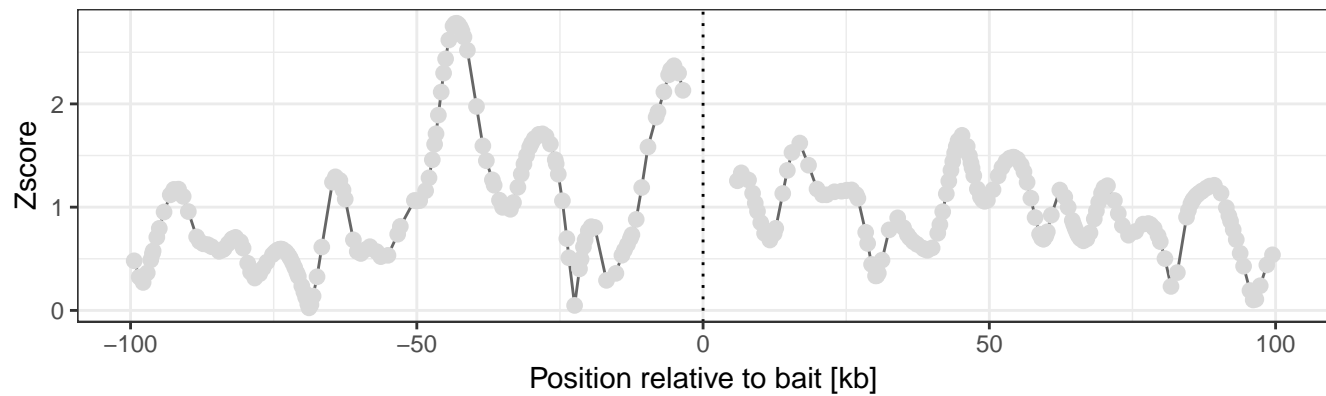
tissue • Liver_WT



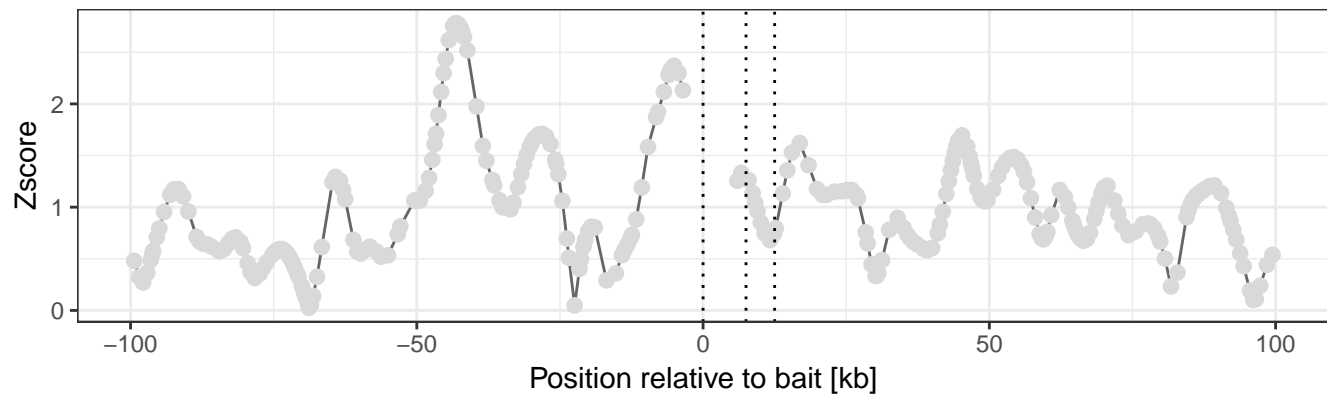
tissue • Liver_WT



tissue • Liver_WT

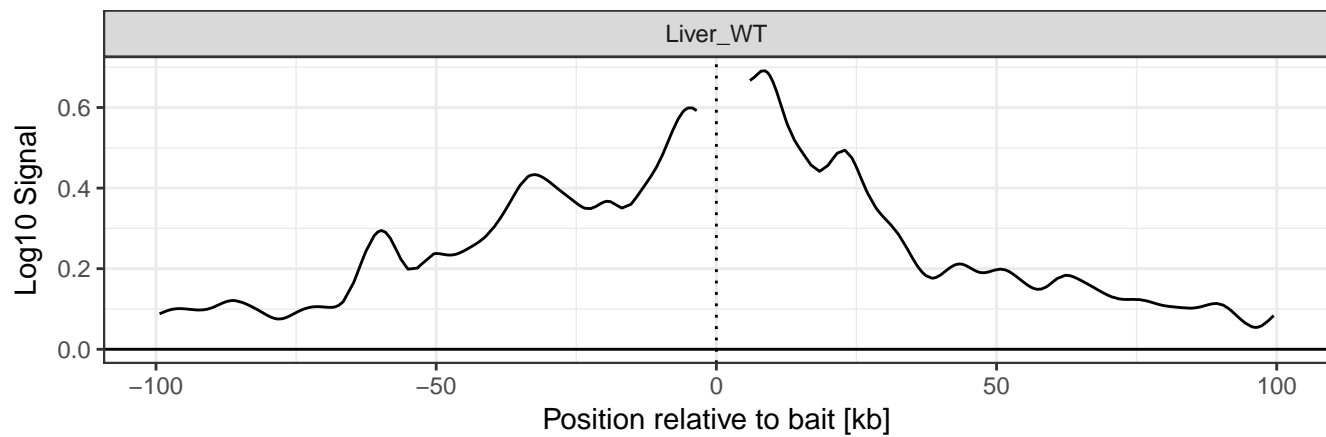


tissue ● Liver_WT



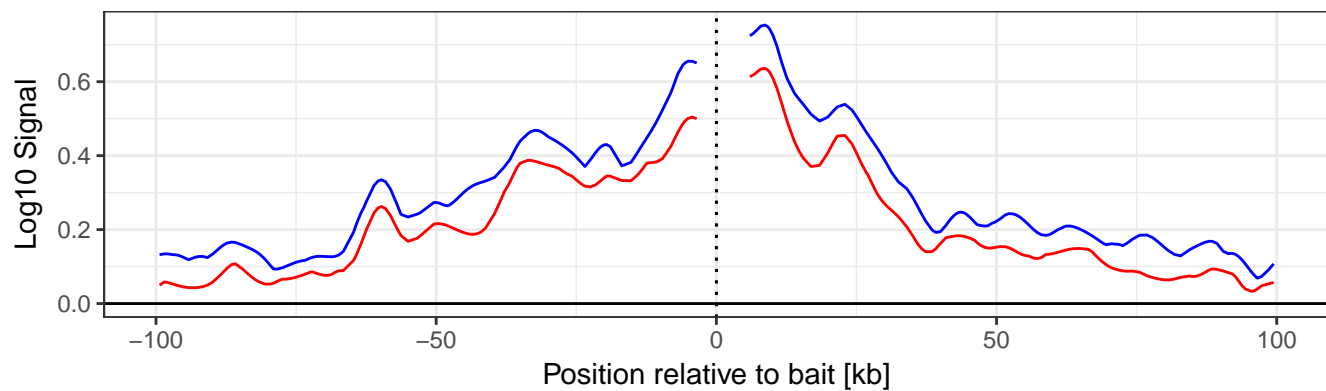
tissue ● Liver_WT

Per1_TSS Around the Clock



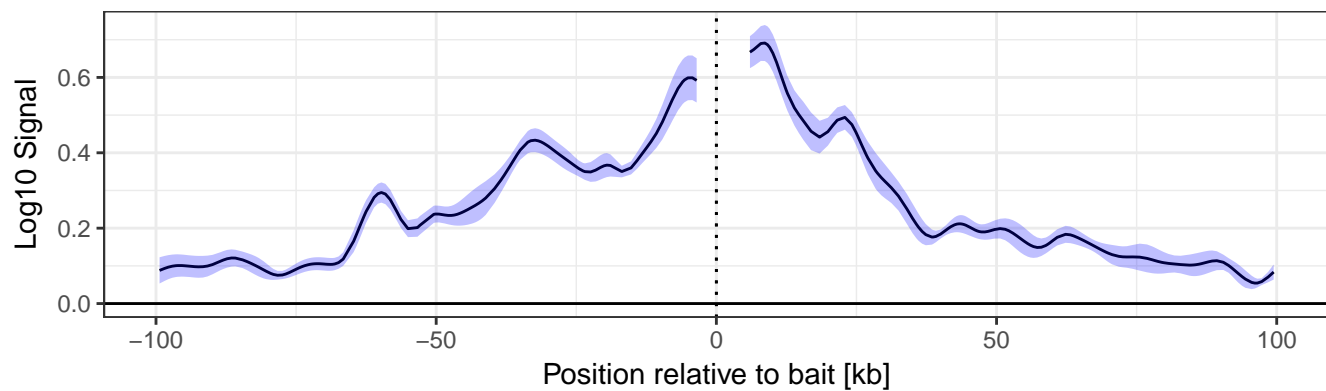
time — ZTmean

Max and min of 4C signal



time Liver_WT genotype — Liver_WT

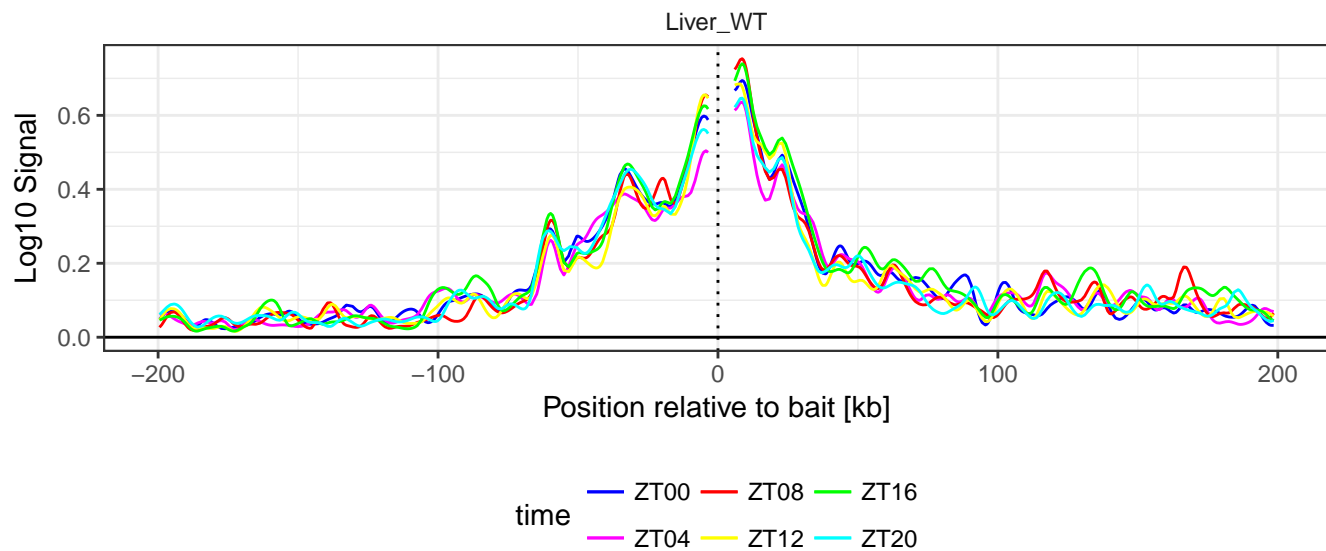
Mean log10 4C signal



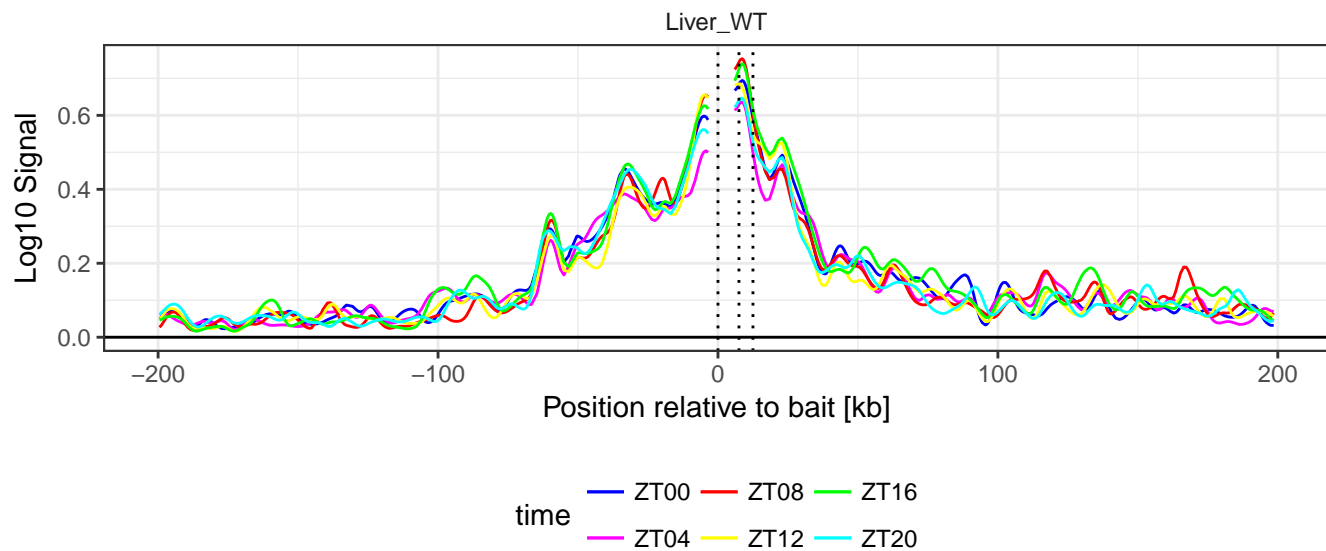
time — Liver_WT

genotype ■ Liver_WT

Per1_TSS Around the Clock

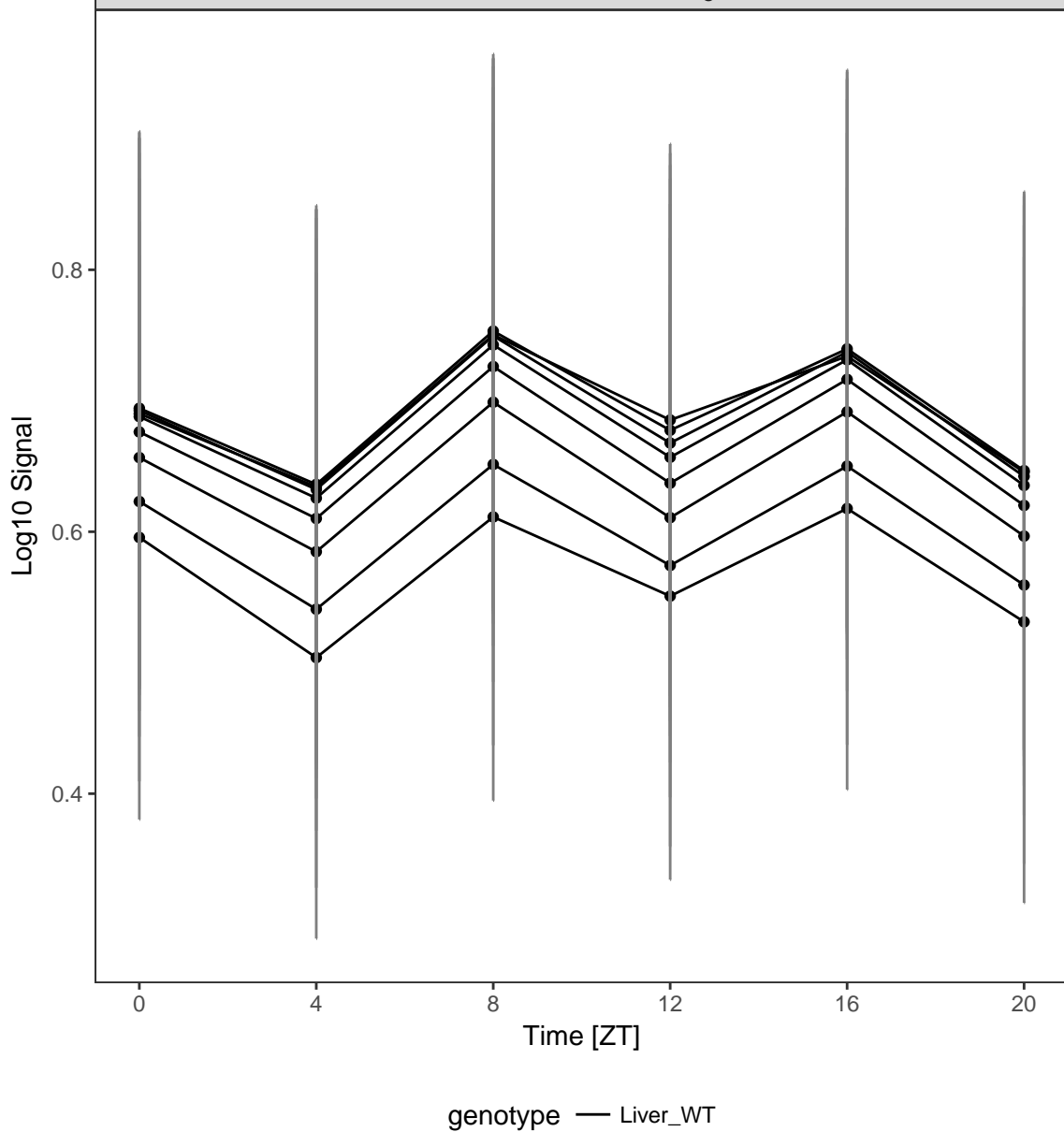


Per1_TSS Around the Clock



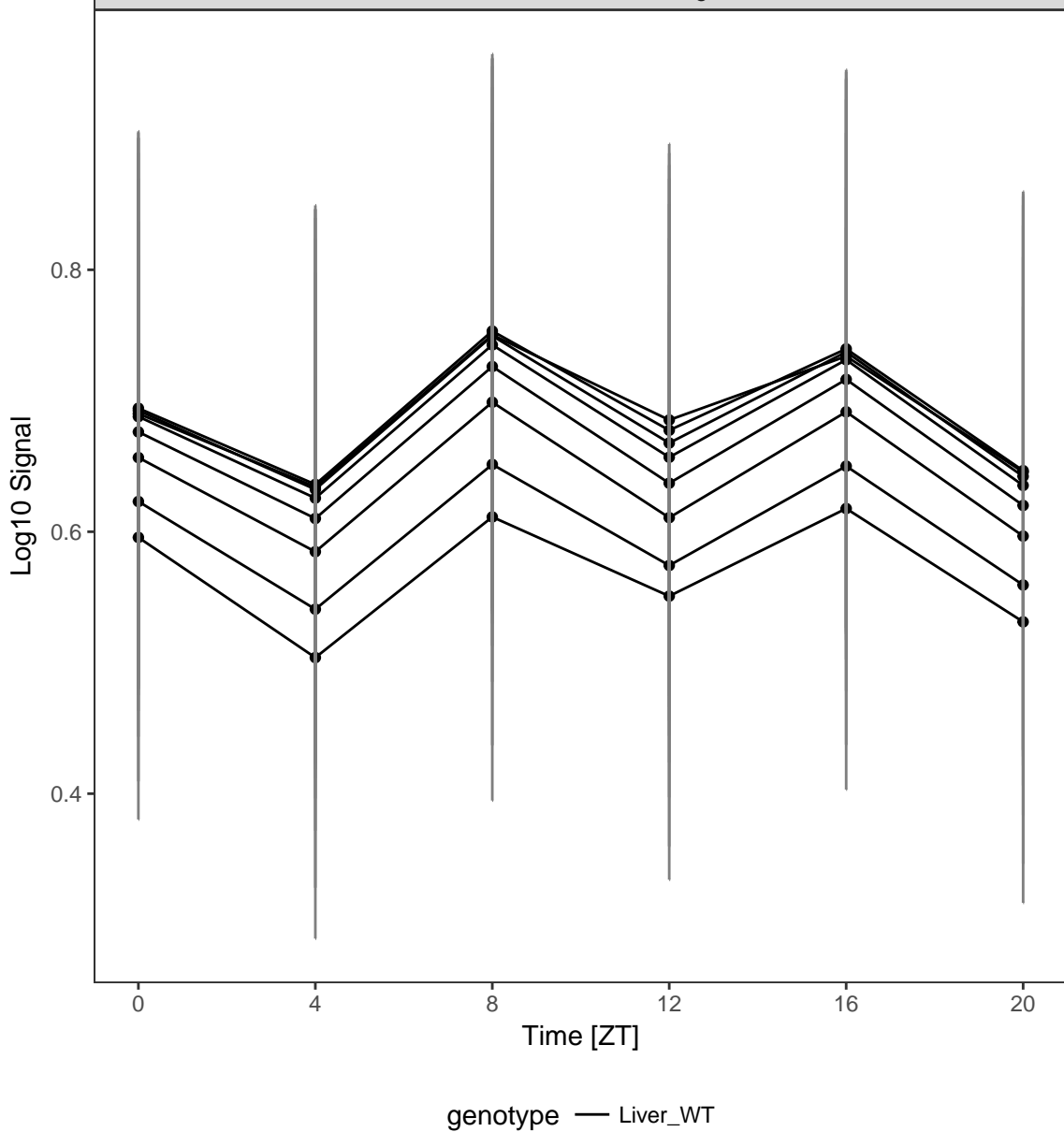
Fragment range: 7500 to 12500

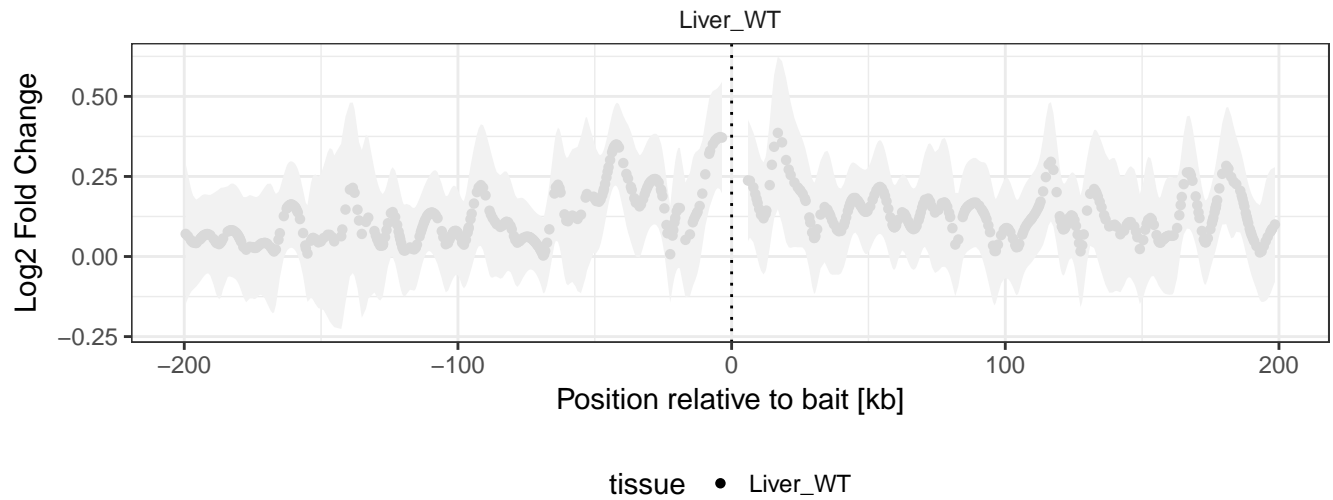
Liver_WT Pval=0.048 Phase=12 Log2FC=0.16

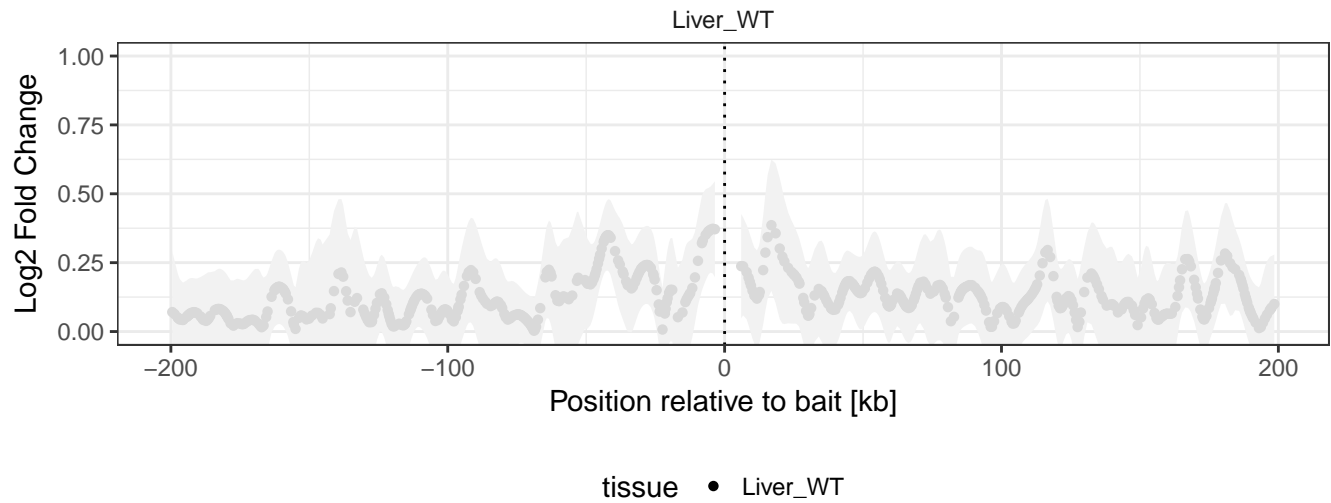


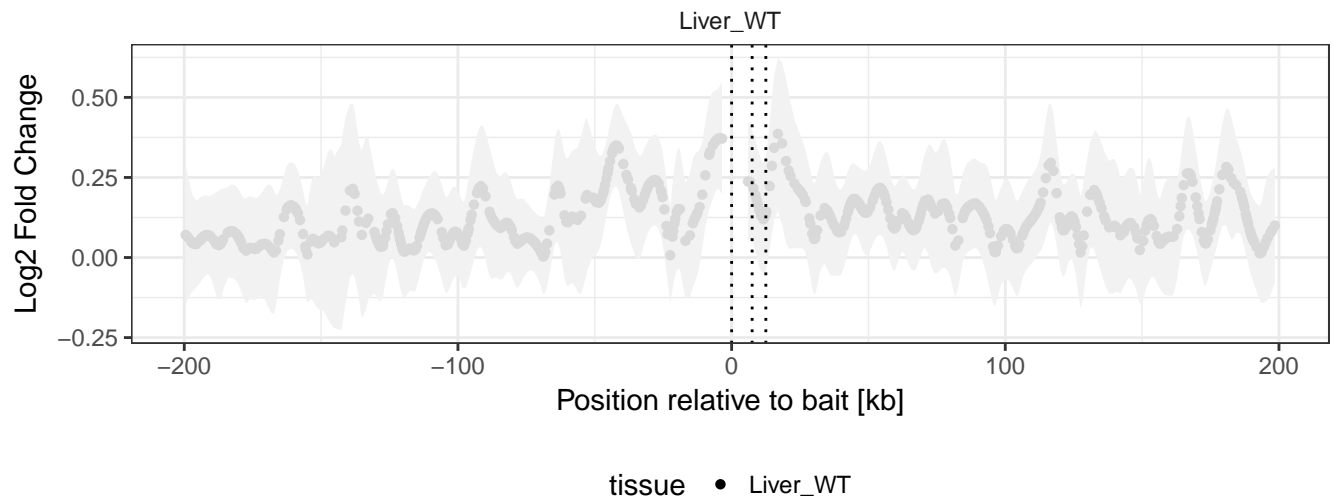
Fragment range: 7500 to 12500

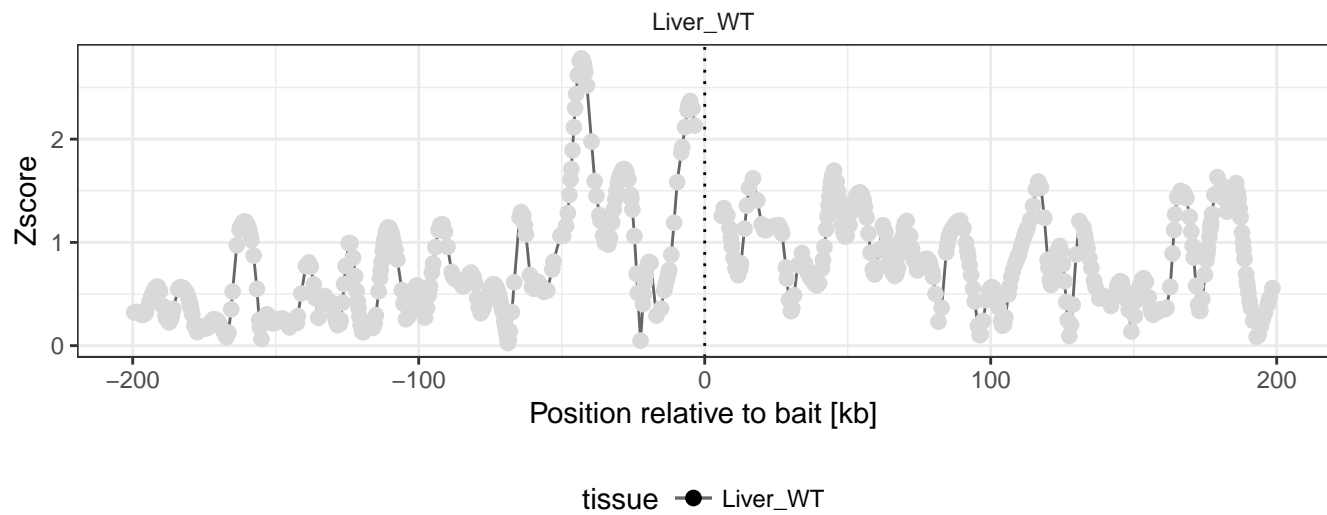
Liver_WT Pval=0.46 Phase=13 Log2FC=0.17

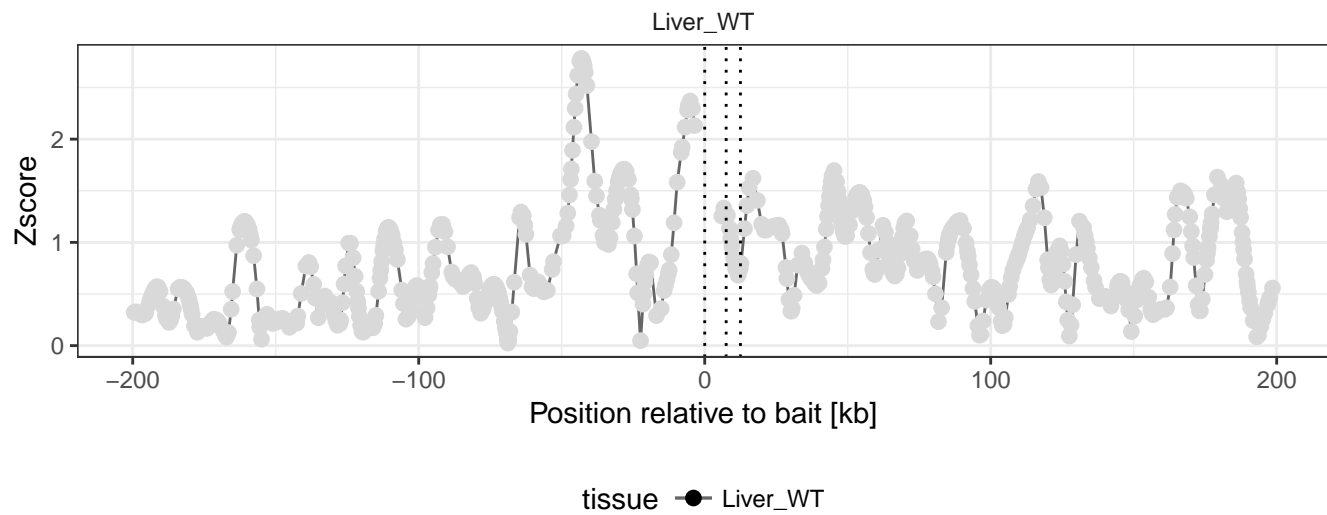


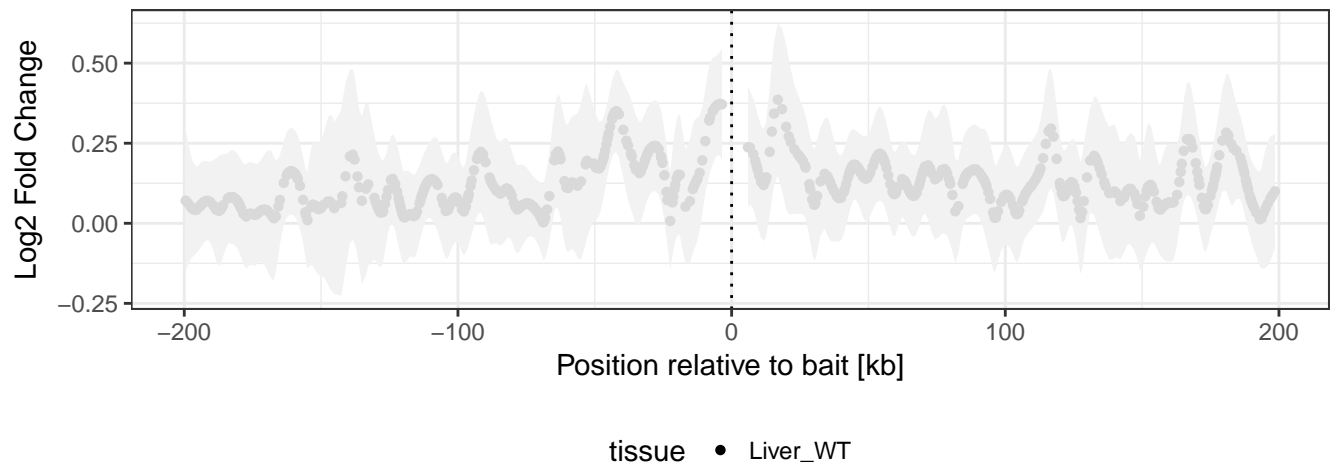


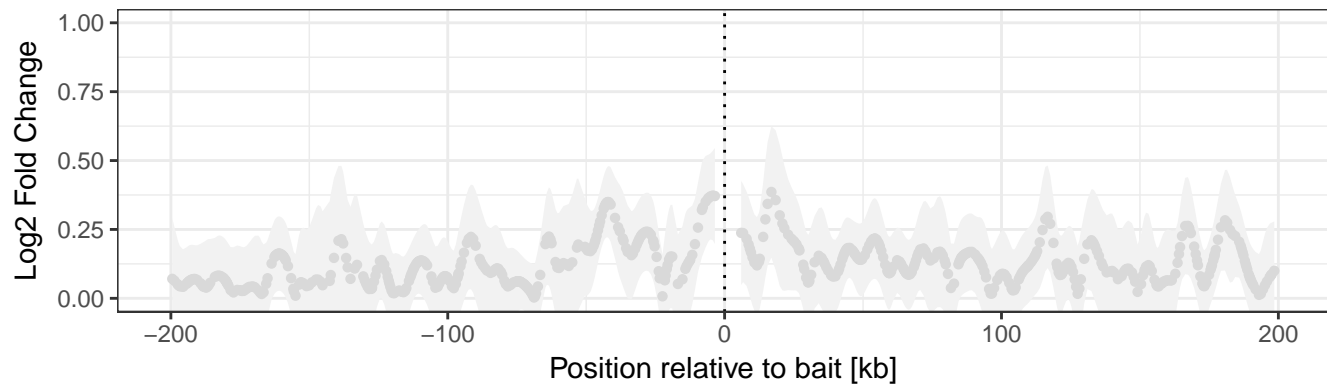




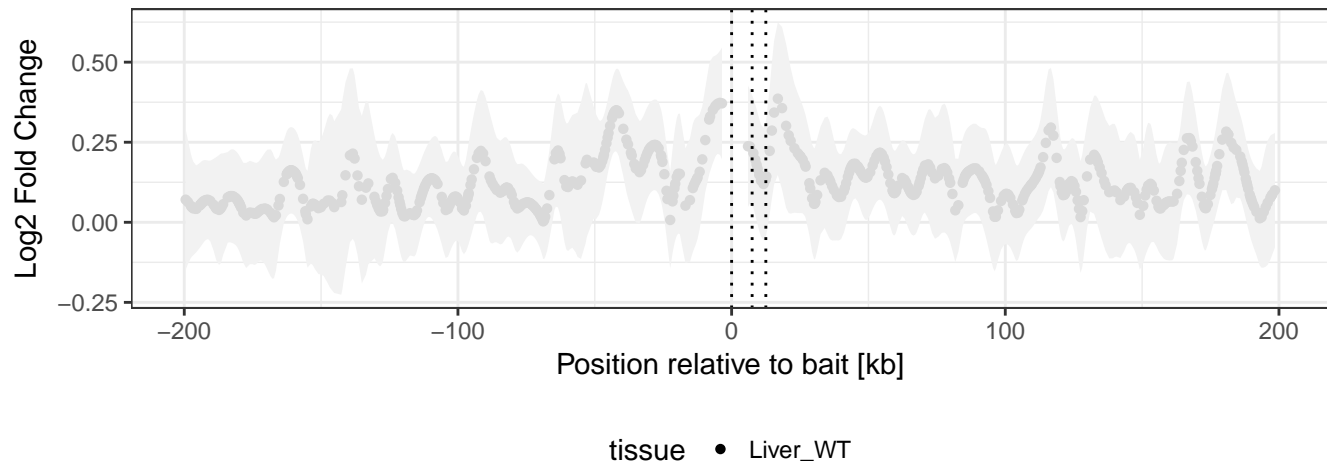


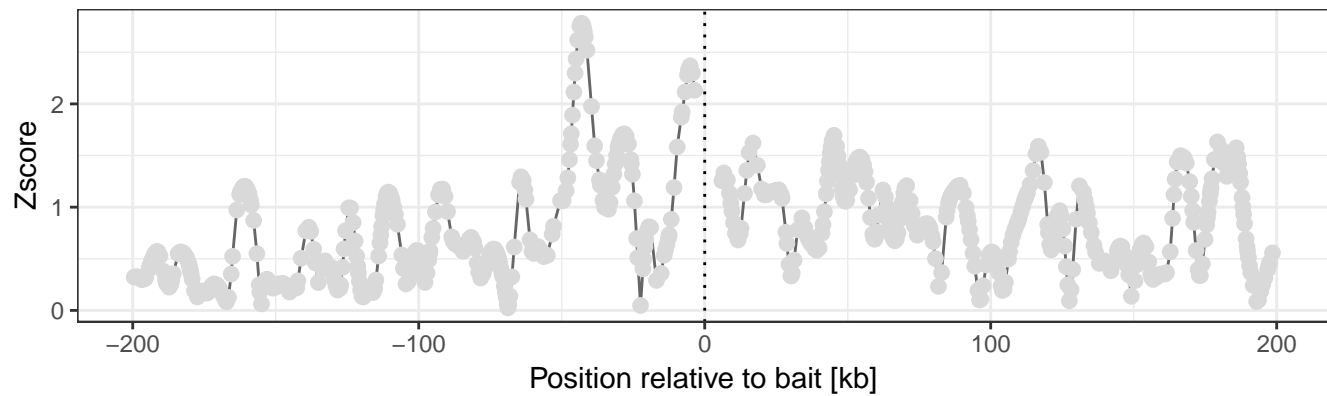




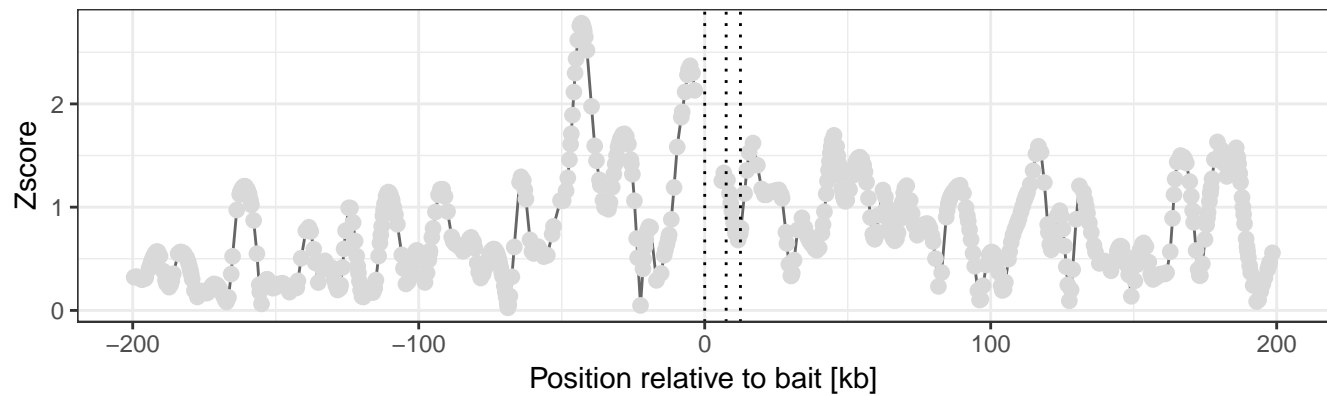


tissue • Liver_WT



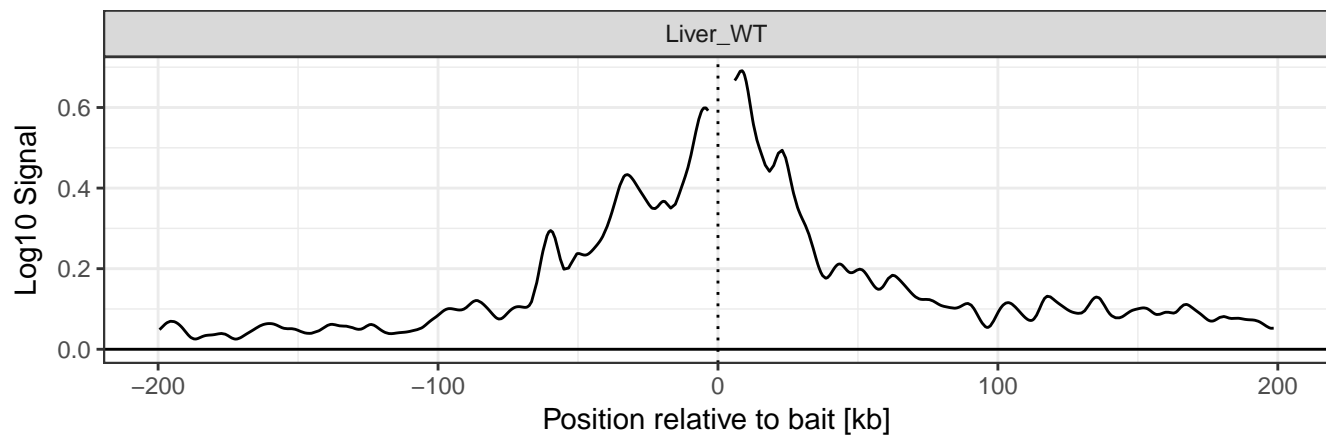


tissue ● Liver_WT



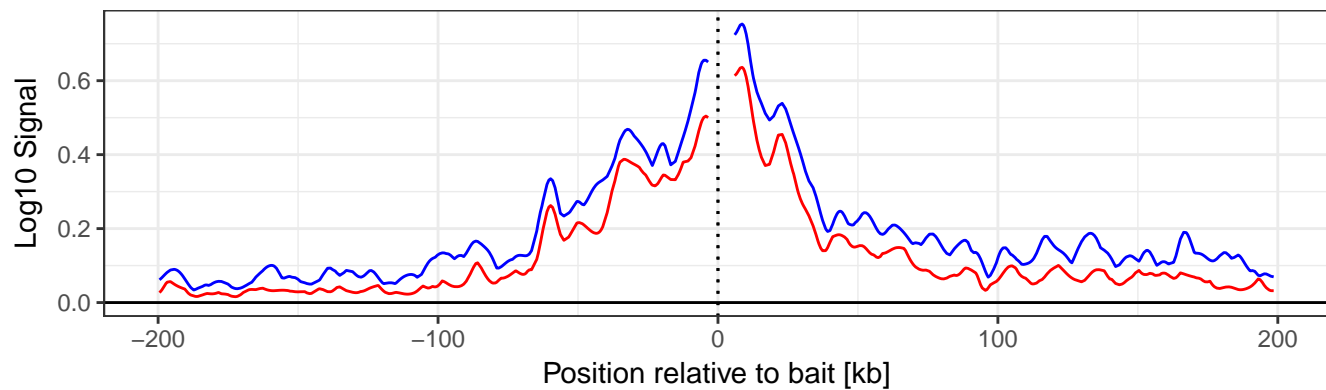
tissue ● Liver_WT

Per1_TSS Around the Clock



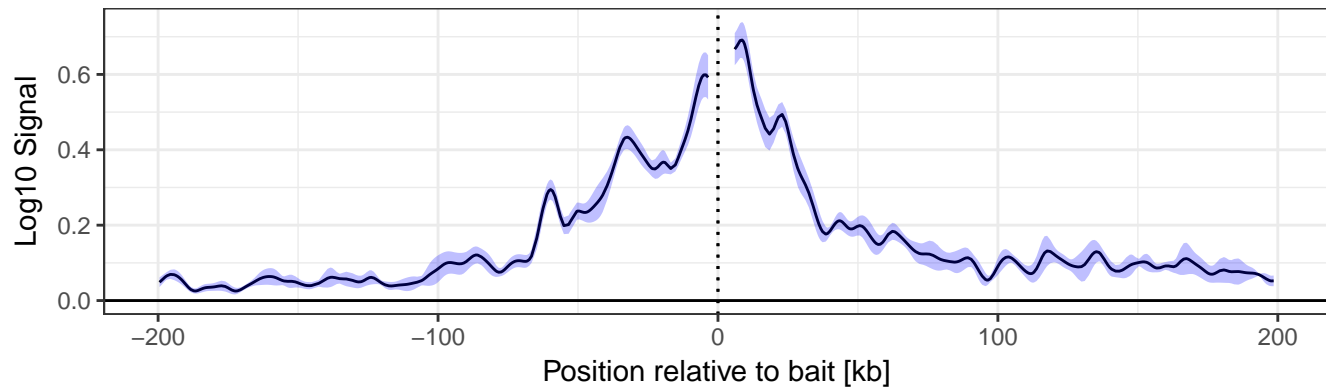
time — ZTmean

Max and min of 4C signal



time Liver_WT genotype — Liver_WT

Mean log10 4C signal



time — Liver_WT

genotype Liver_WT