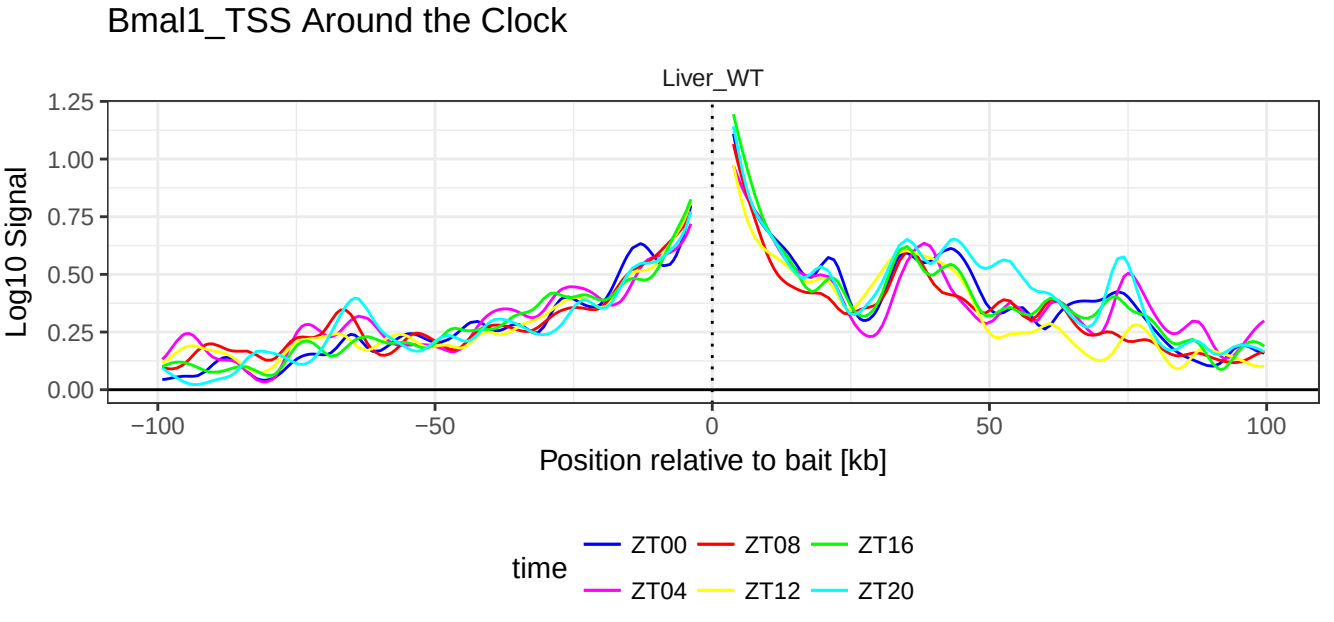
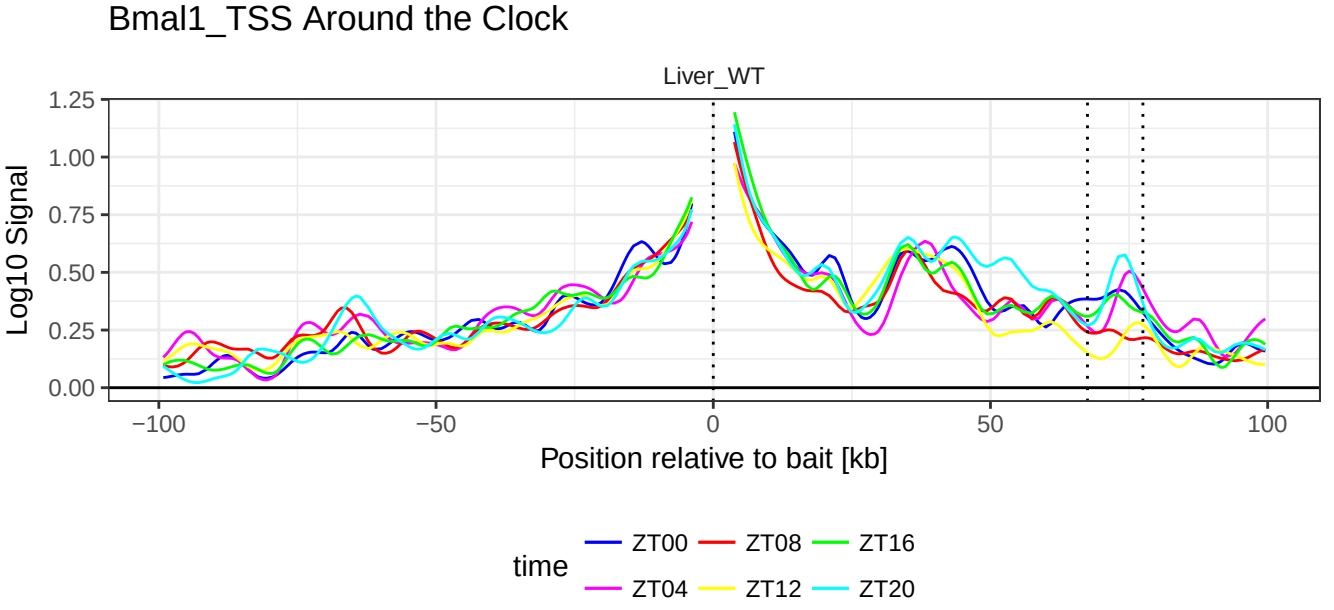
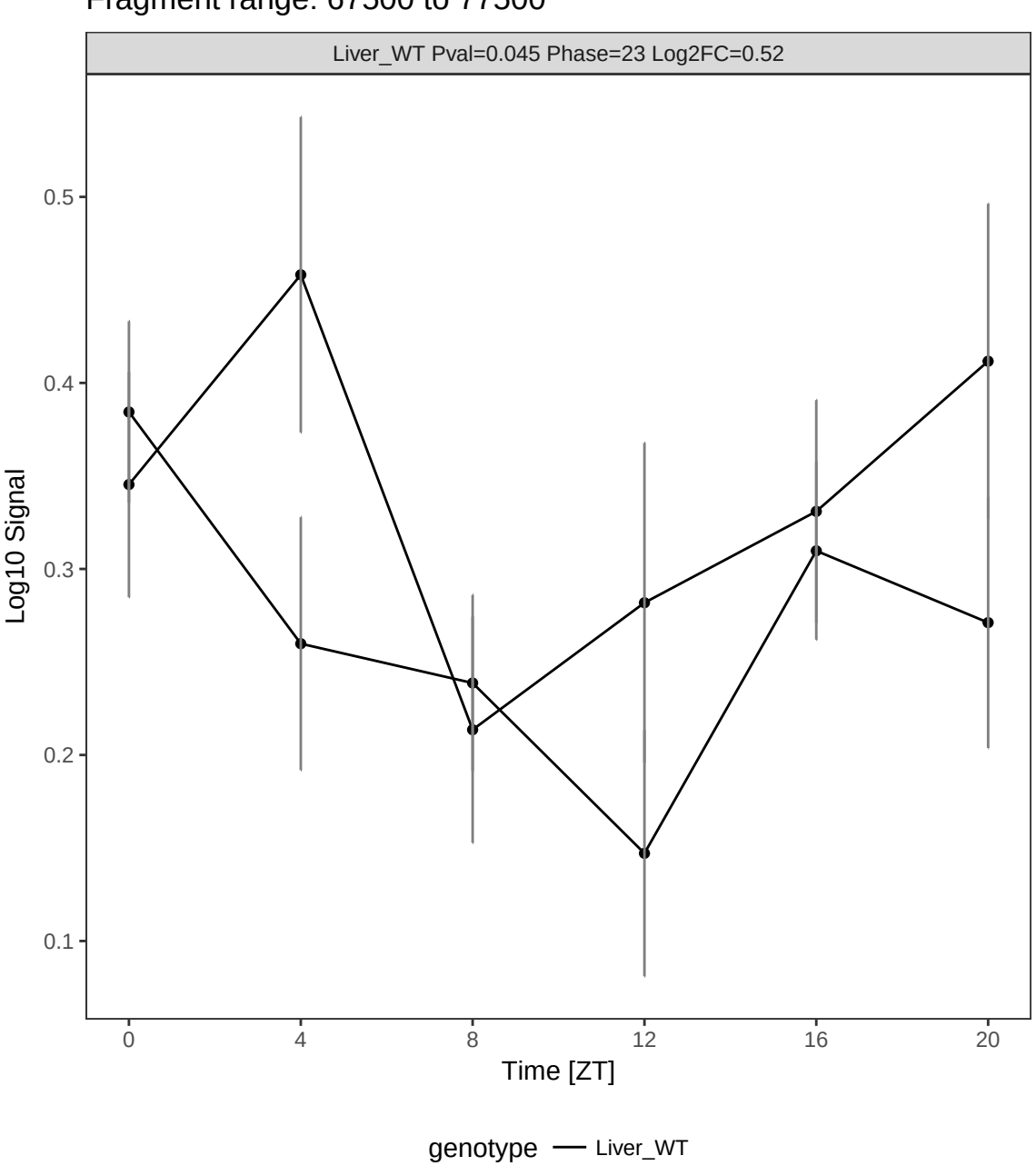
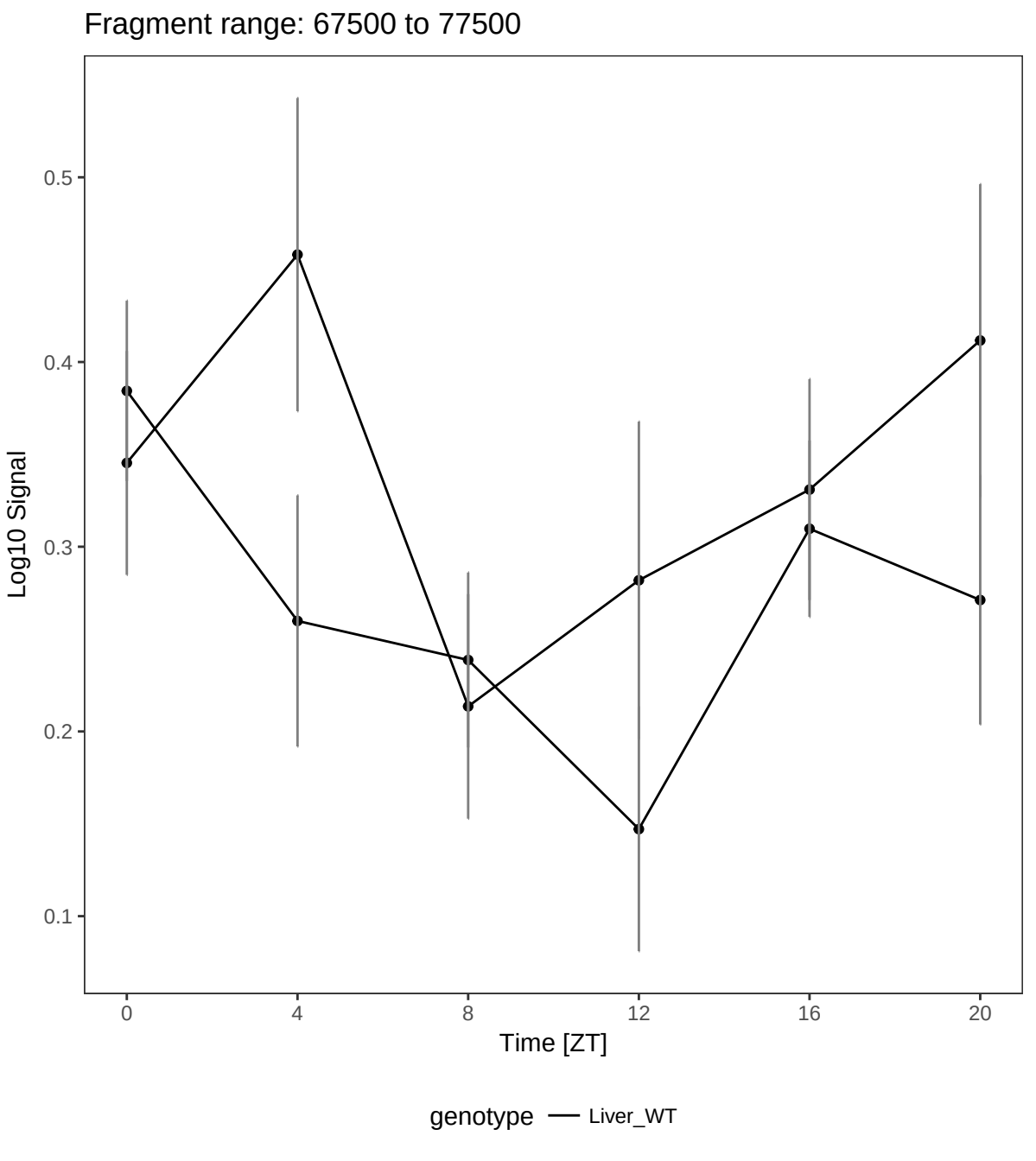
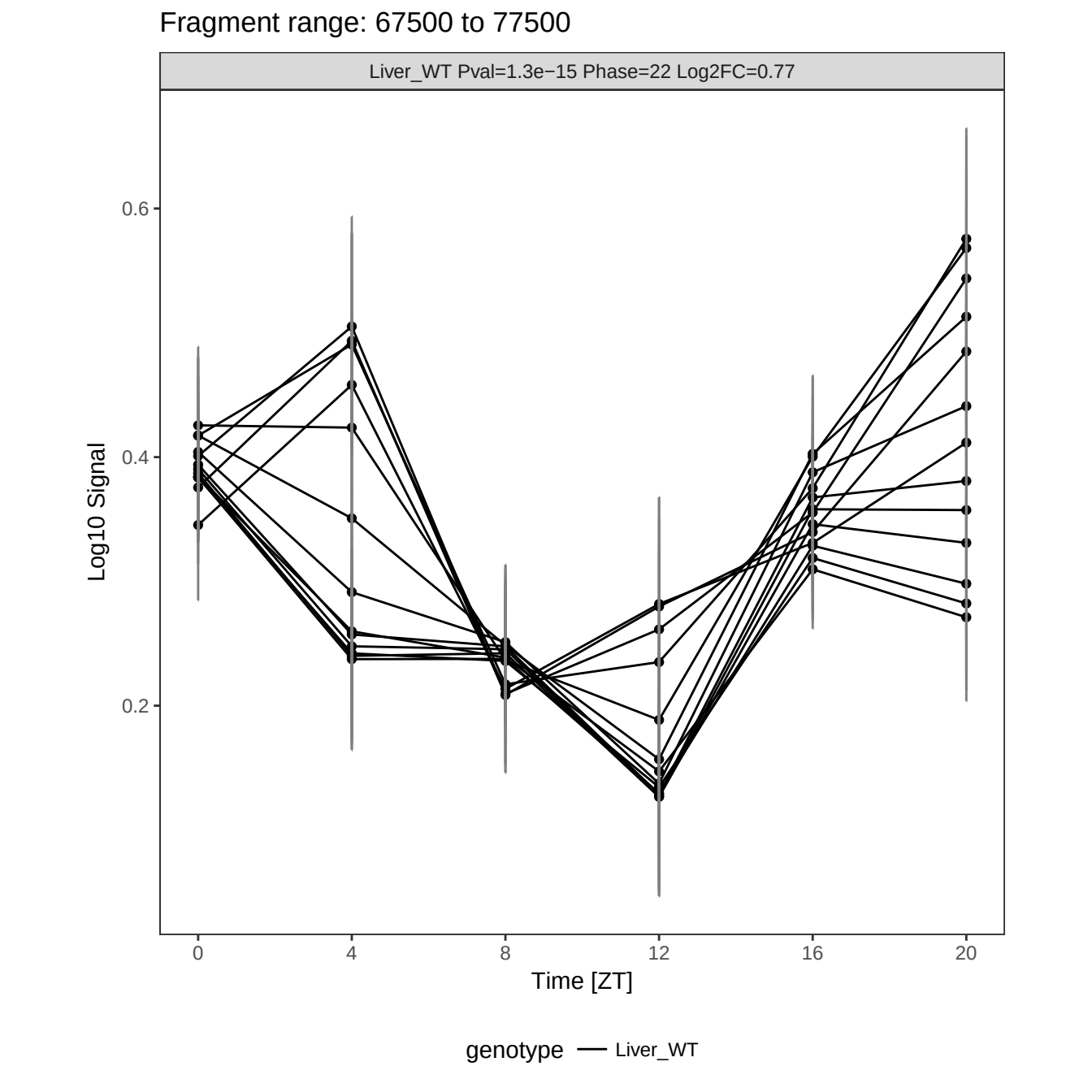
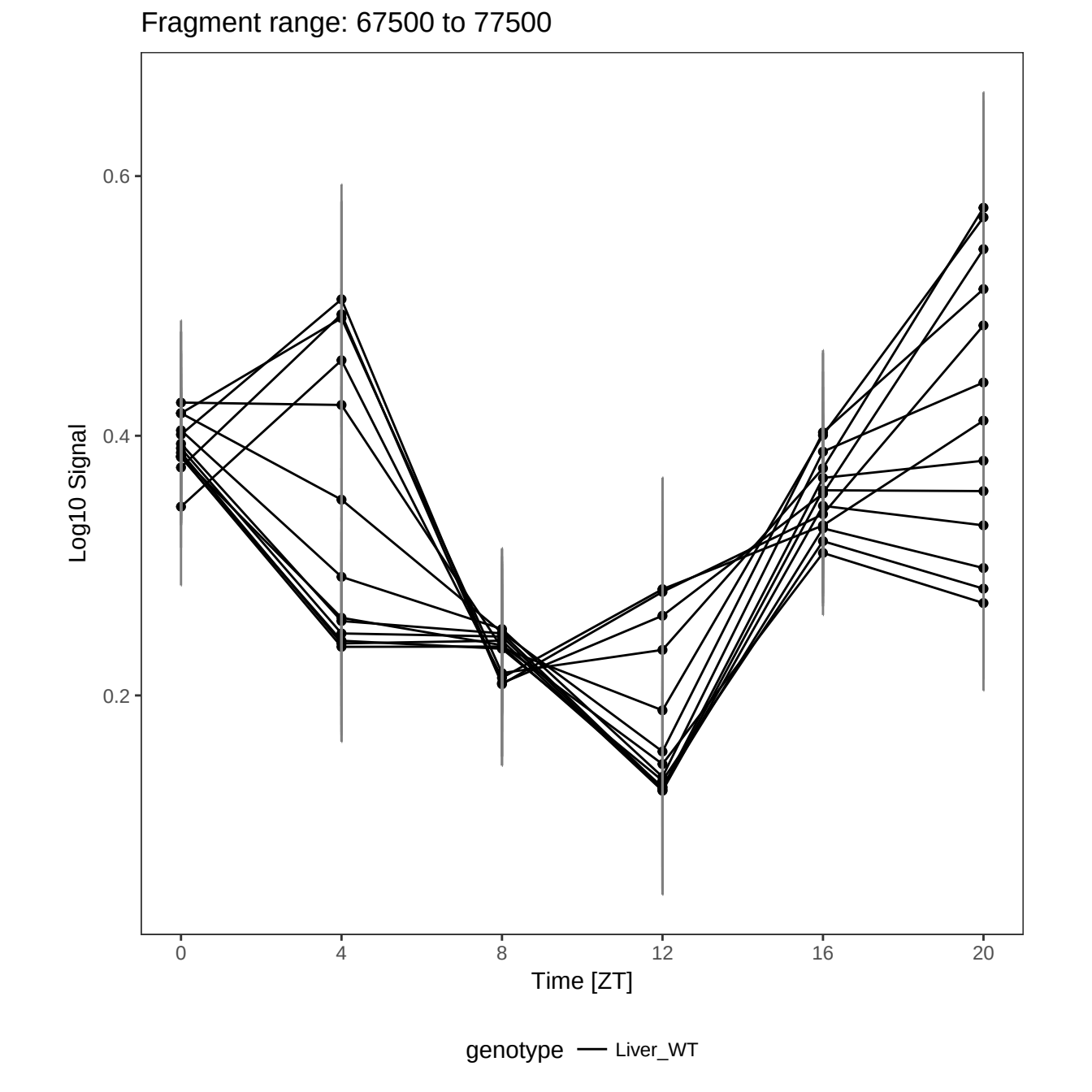

Bmal1_TSS Around the Clock
Liver_WT
Log10 Signal
1.25
1.00
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position relative to bait [kb]
time
ZT00
ZT04
ZT08
ZT12
ZT16
ZT20

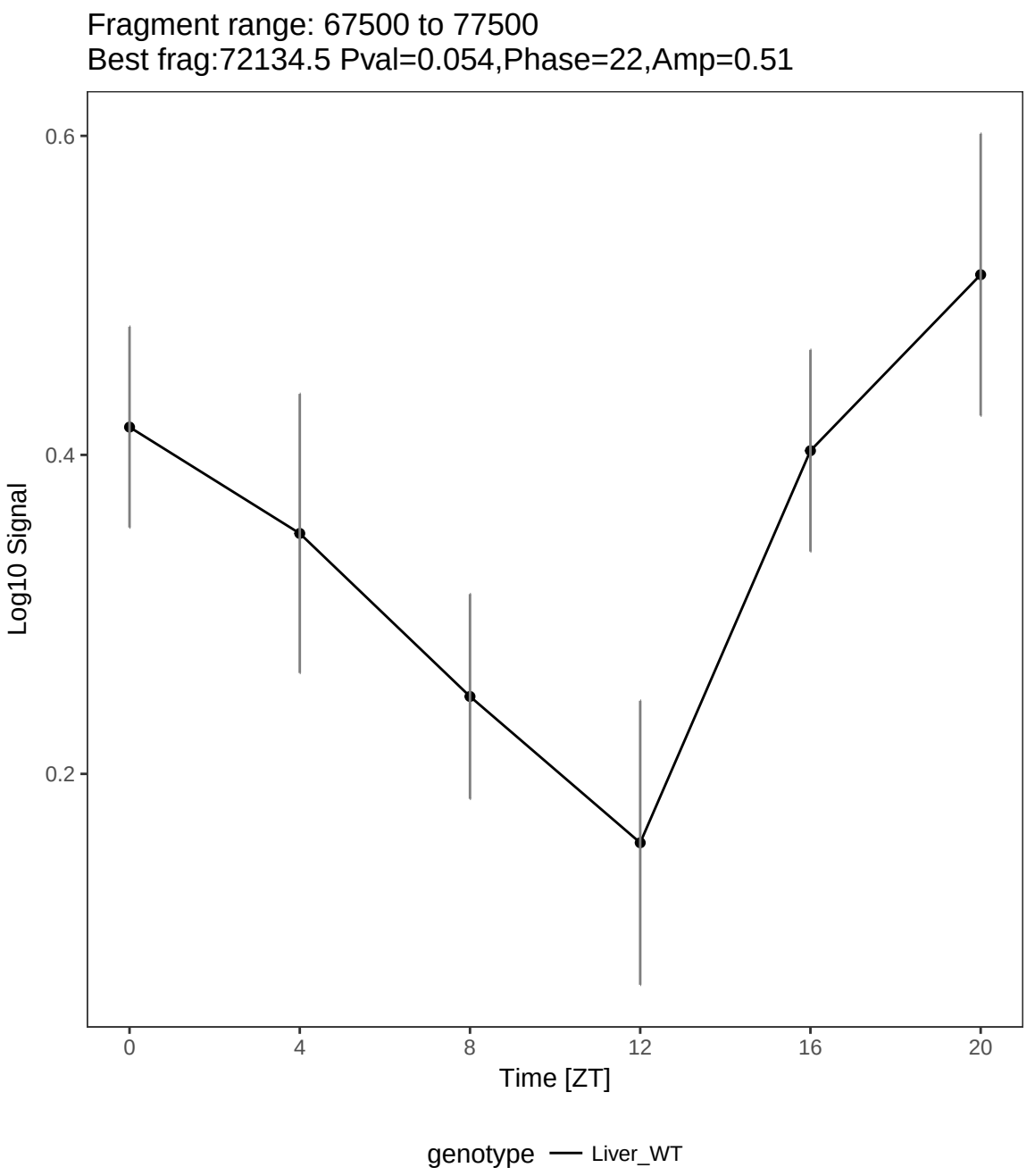

Bmal1_TSS Around the Clock
Liver_WT
Log10 Signal
1.25
1.00
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position relative to bait [kb]
time
ZT00
ZT04
ZT08
ZT12
ZT16
ZT20

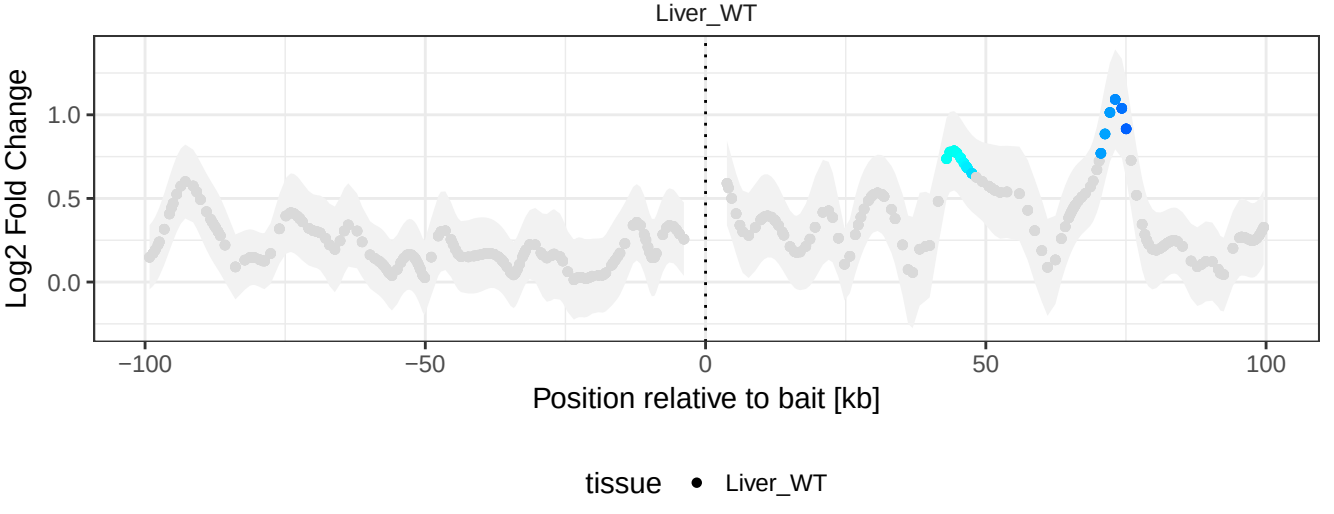

Fragment range: 67500 to 77500
Liver_WT Pval=0.045 Phase=23 Log2FC=0.52
Log10 Signal
0.5
0.4
0.3
0.2
0.1
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

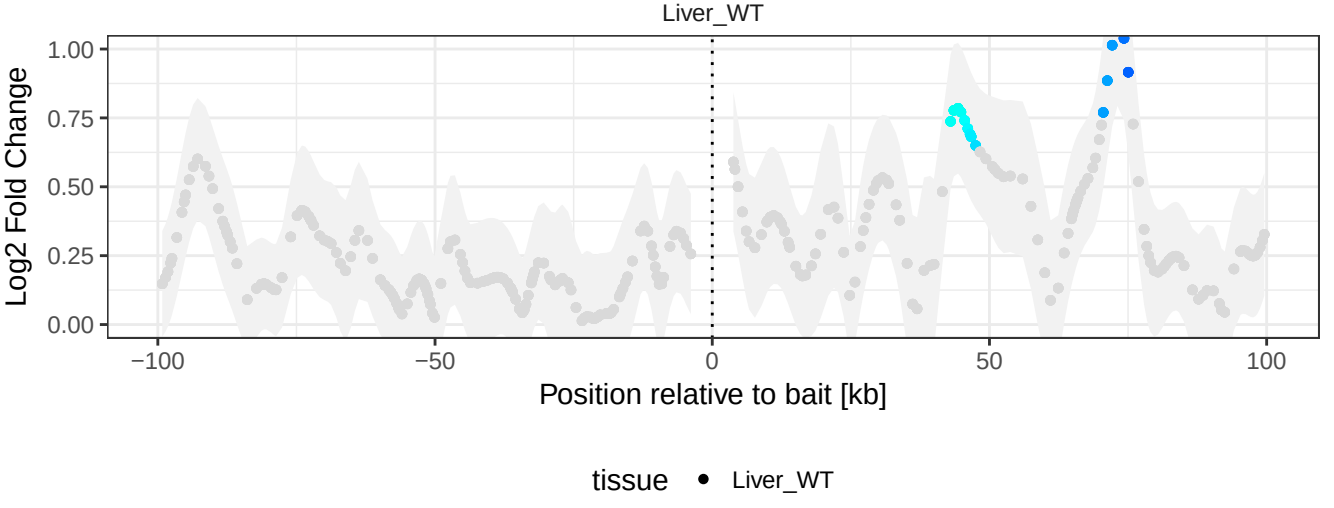

Fragment range: 67500 to 77500
Log10 Signal
0.5
0.4
0.3
0.2
0.1
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

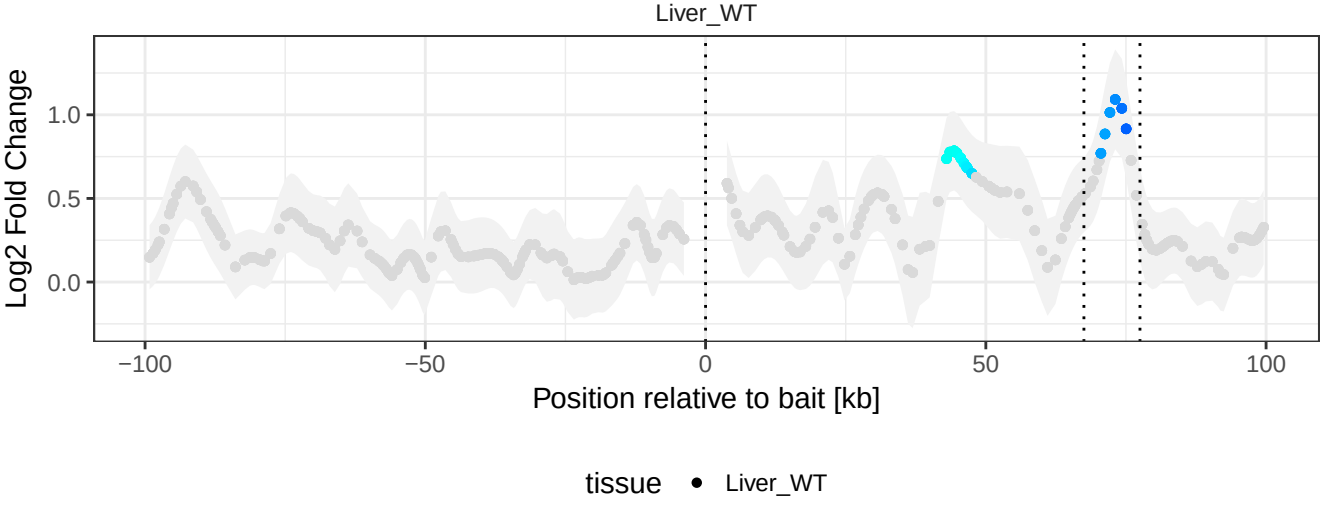

Fragment range: 67500 to 77500
Liver_WT Pval=1.3e−15 Phase=22 Log2FC=0.77
Log10 Signal
0.6
0.4
0.2
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

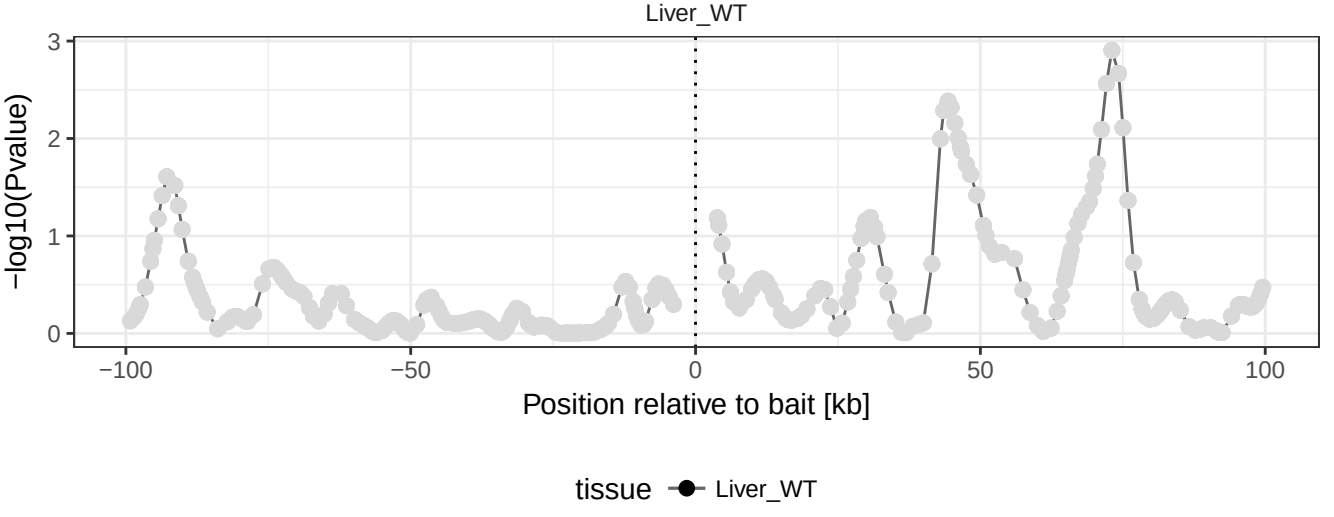

Fragment range: 67500 to 77500
Log10 Signal
0.6
0.4
0.2
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

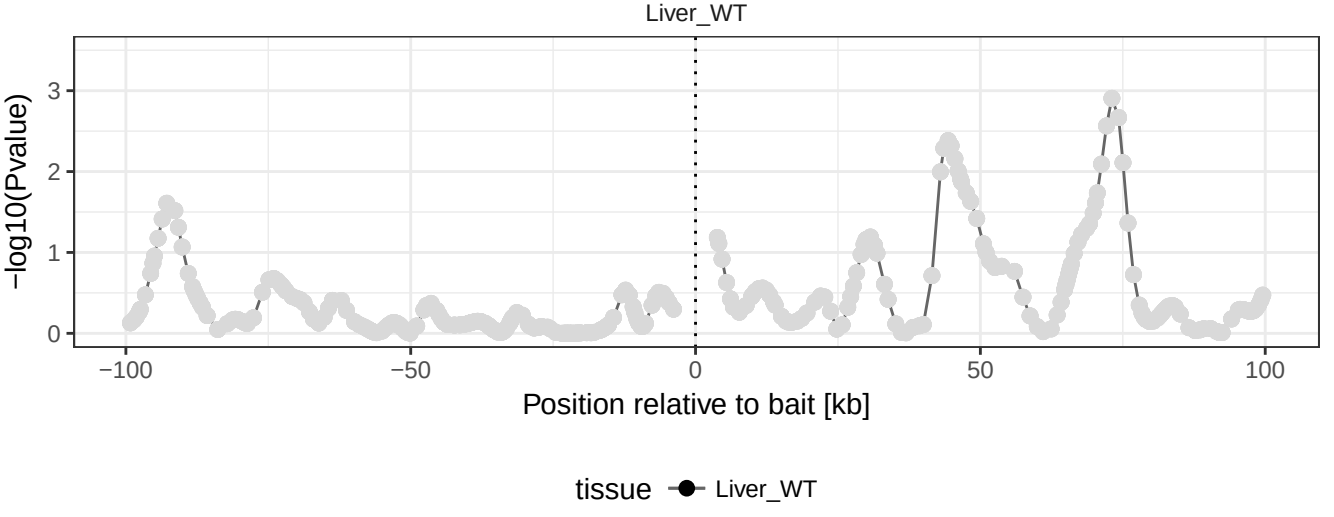

Fragment range: 67500 to 77500
Best frag:72134.5 Pval=0.054,Phase=22,Amp=0.51
0.6
0.4
0.2
Log10 Signal
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

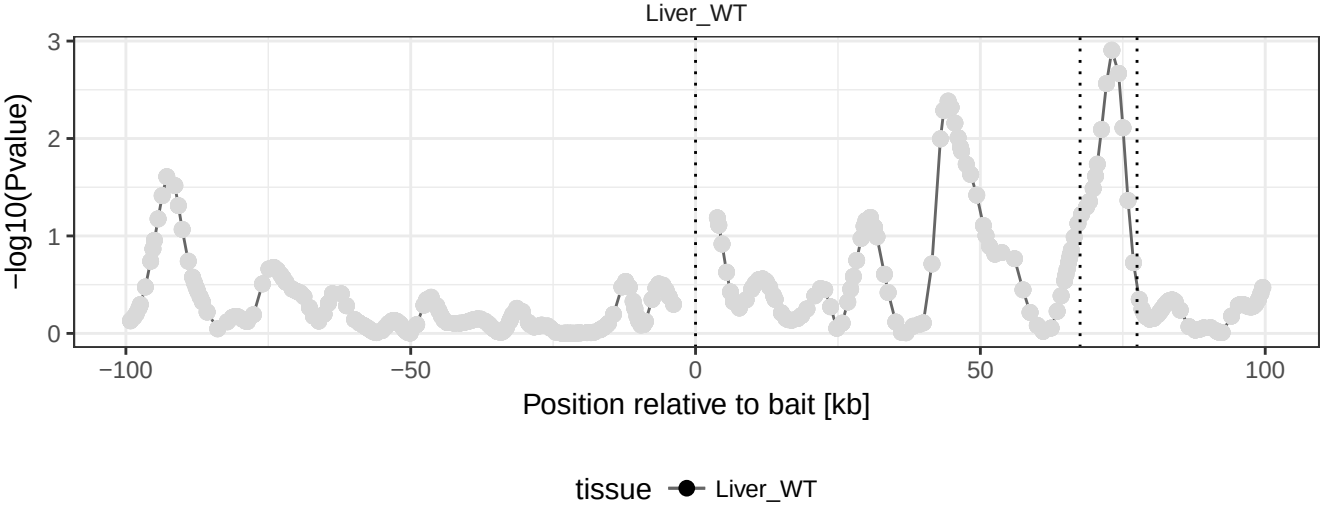

Liver_WT
Log2 Fold Change
1.0
0.5
0.0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

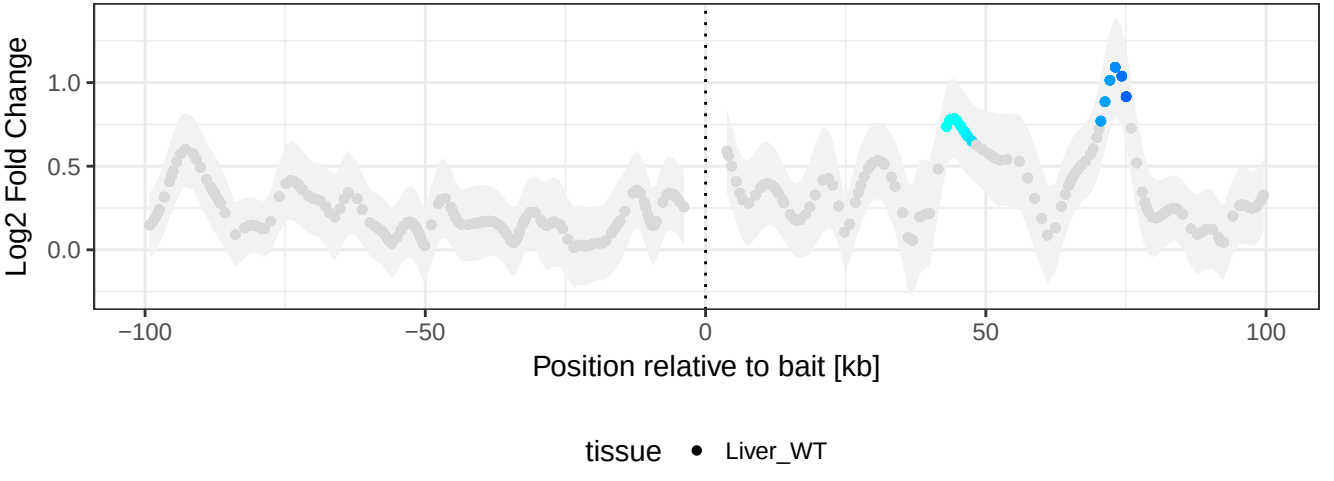

Liver_WT
Log2 Fold Change
1.00
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

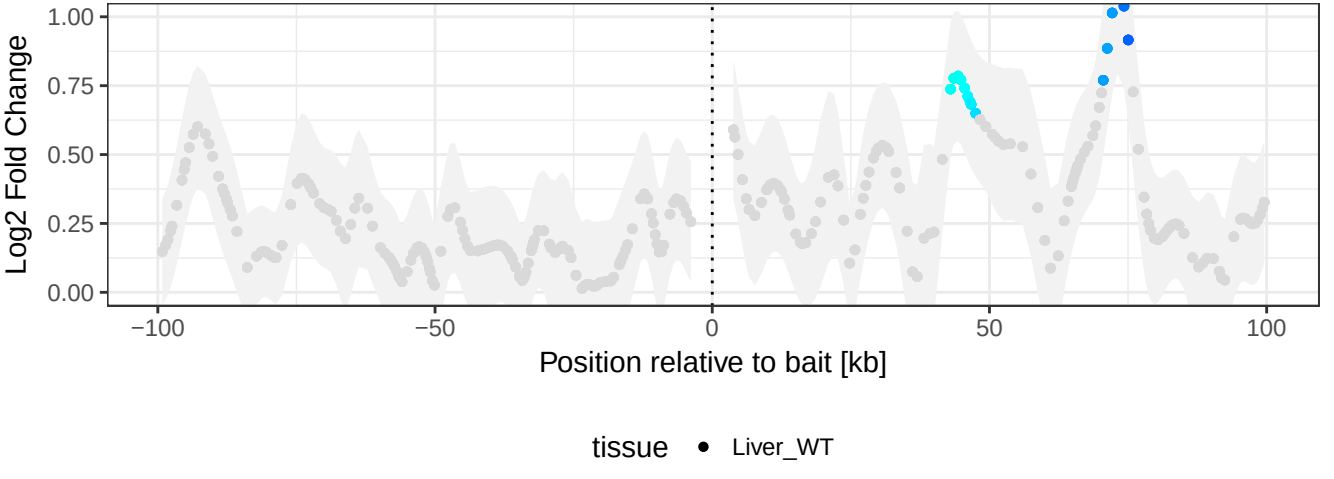

Liver_WT
Log2 Fold Change
1.0
0.5
0.0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

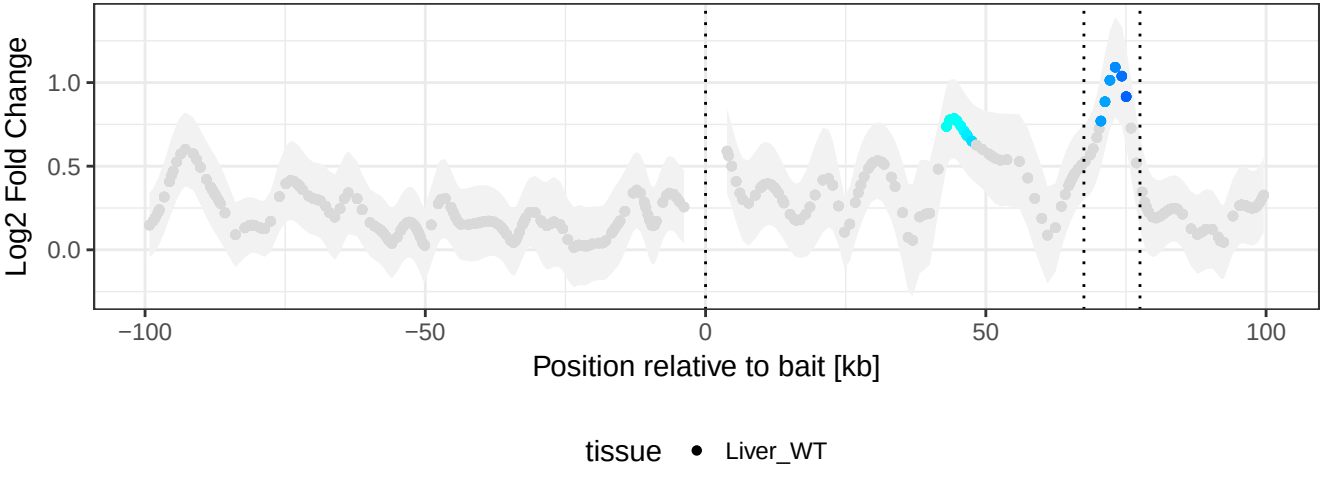

Liver_WT
−log10(Pvalue)
3
2
1
0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

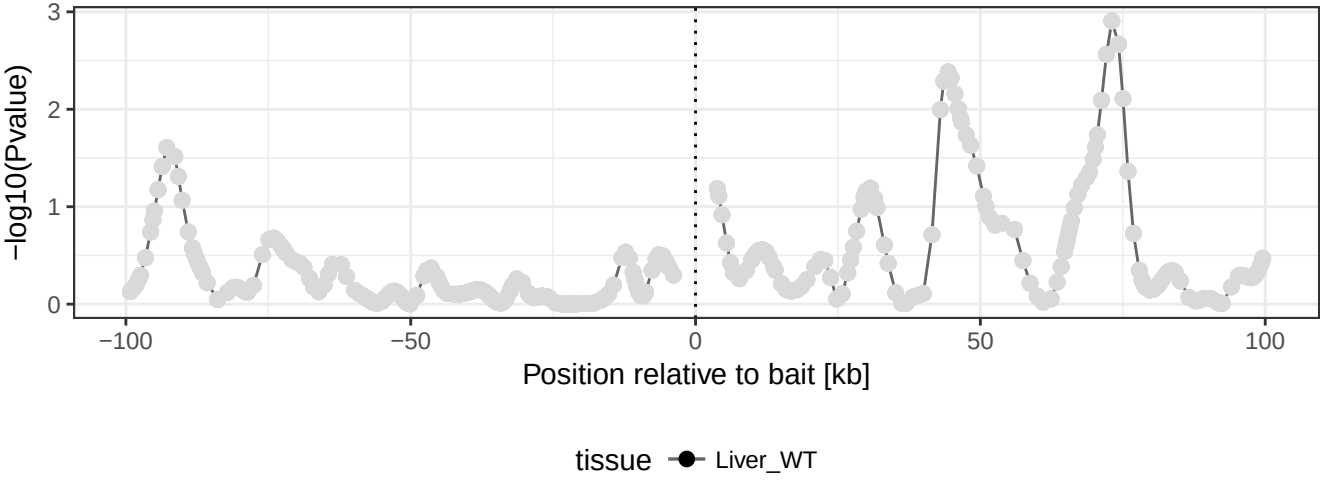

Liver_WT
−log10(Pvalue)
3
2
1
0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

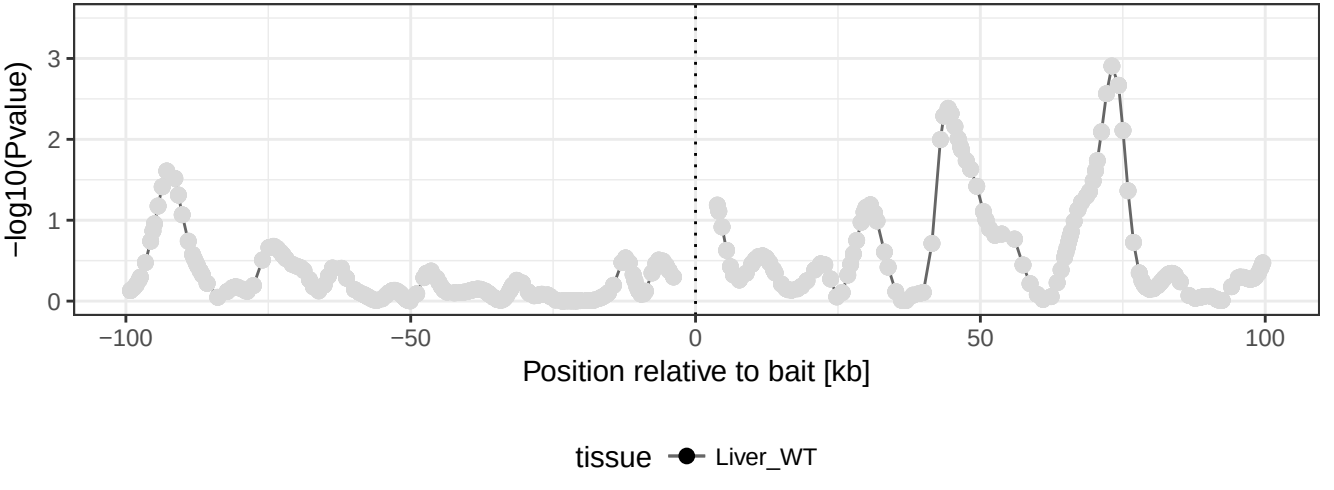

Liver_WT
−log10(Pvalue)
3
2
1
0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

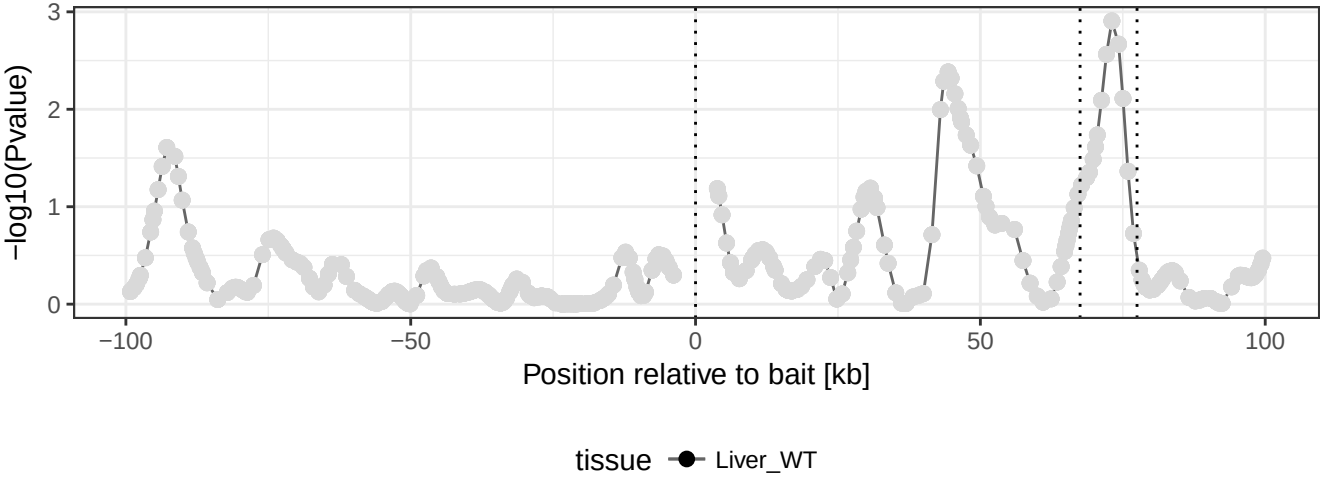

Log2 Fold Change
1.0
0.5
0.0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

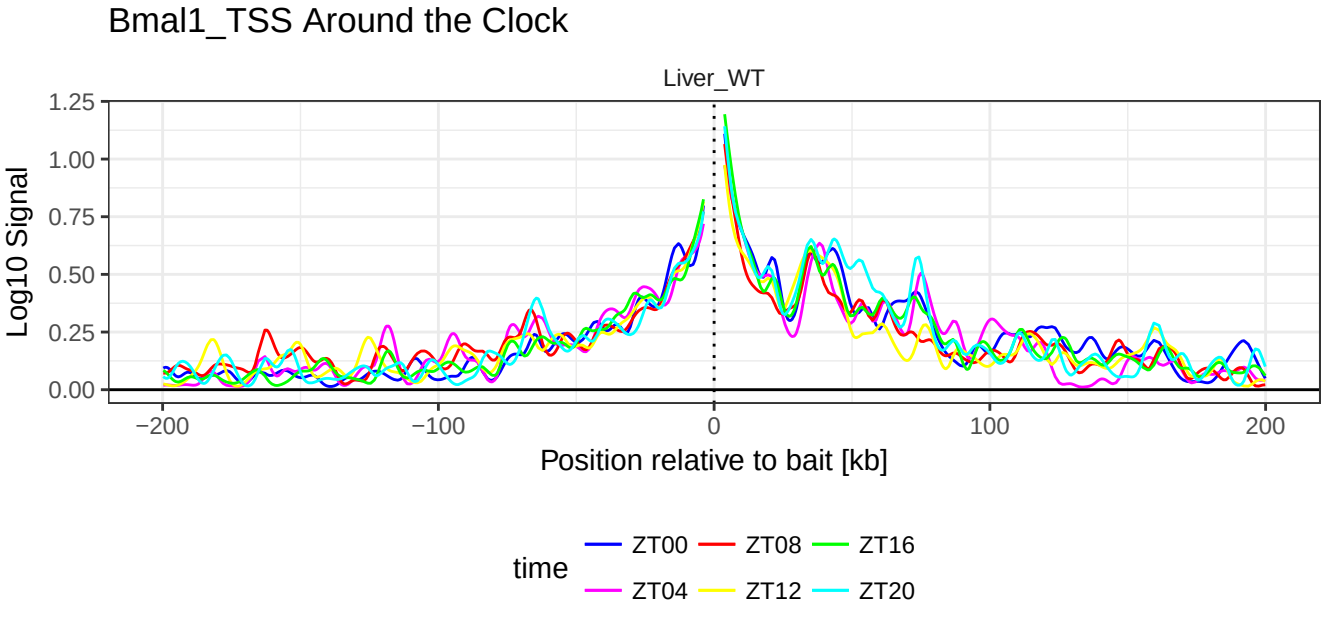

Log2 Fold Change
1.00
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

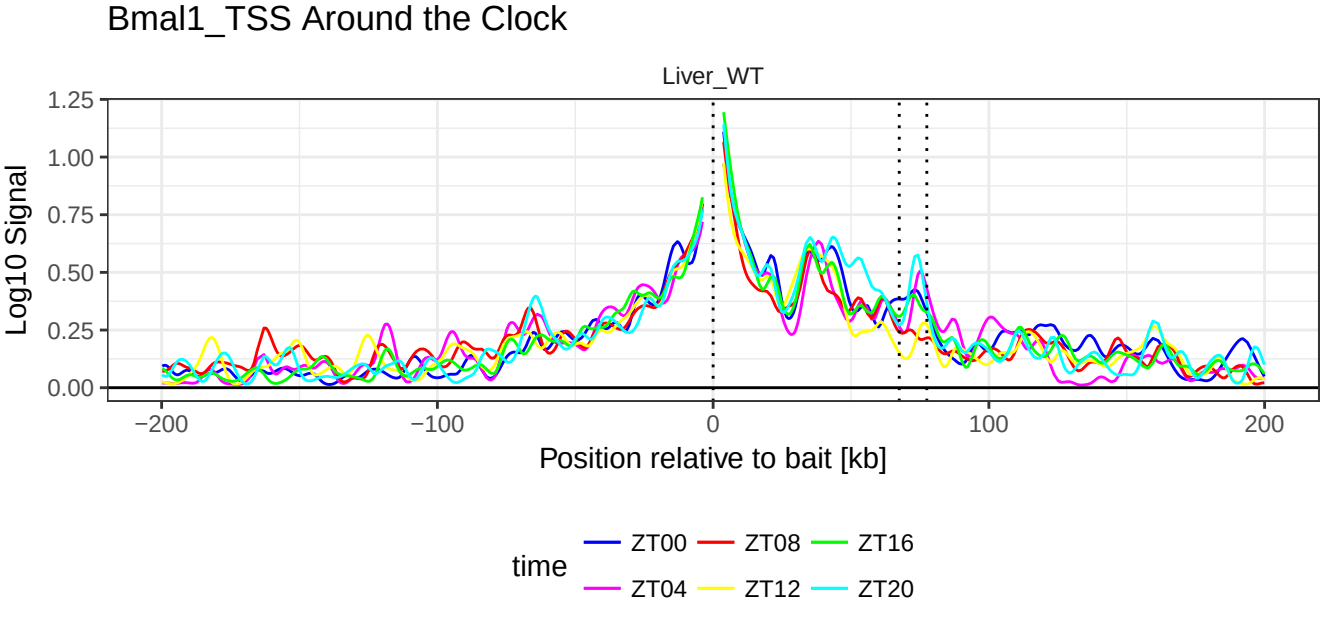

Log2 Fold Change
1.0
0.5
0.0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

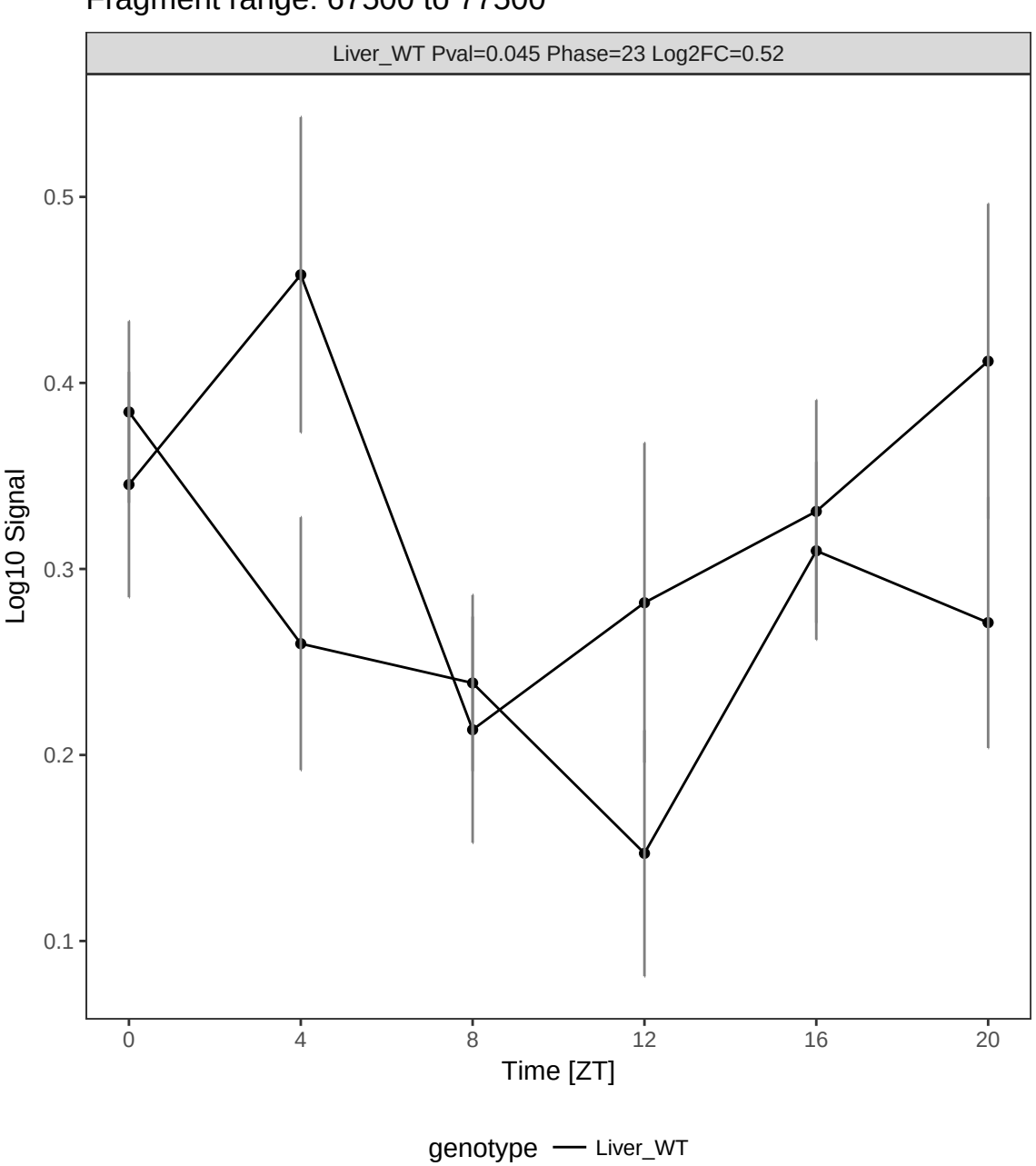

−log10(Pvalue)
3
2
1
0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

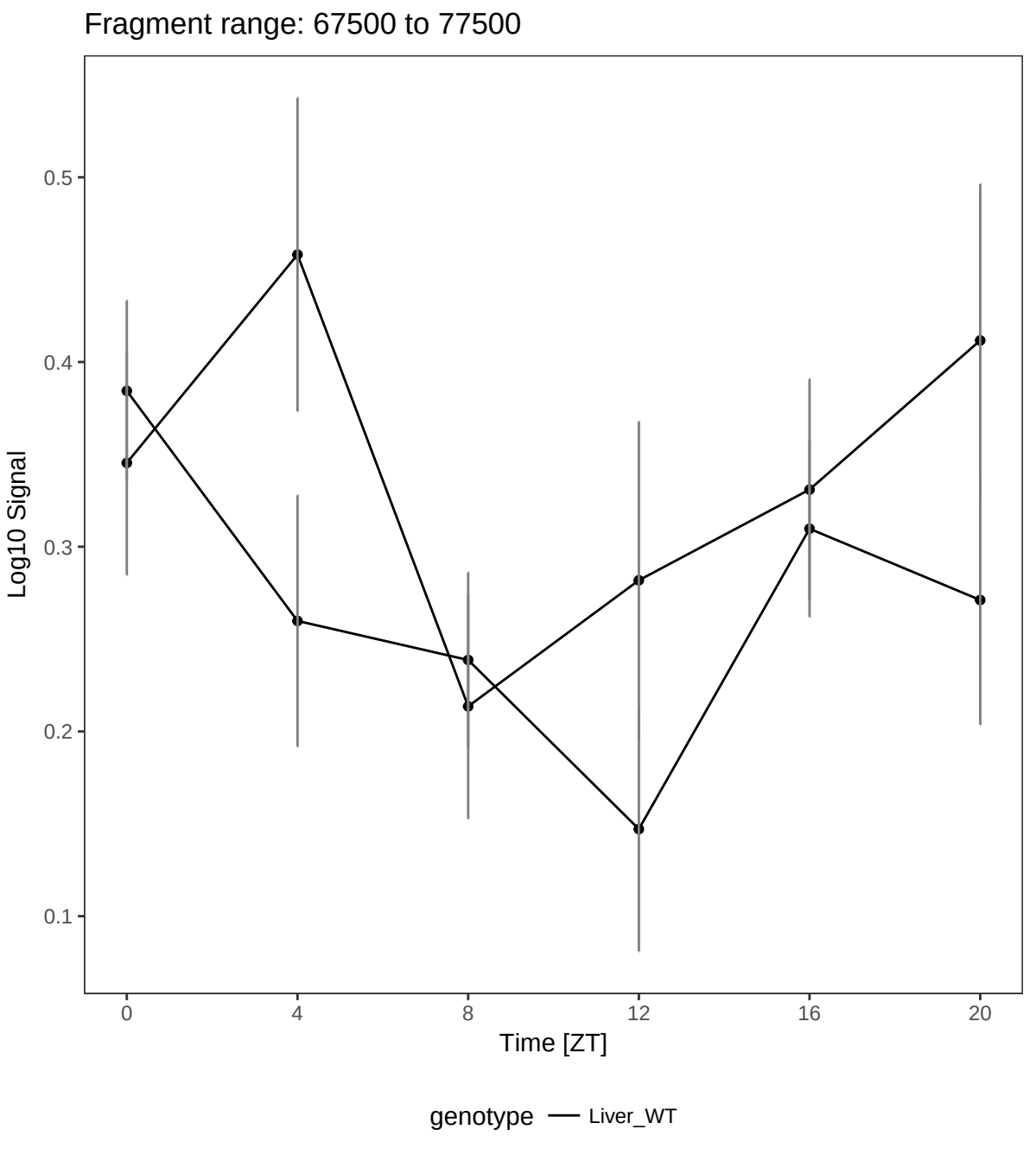

−log10(Pvalue)
3
2
1
0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

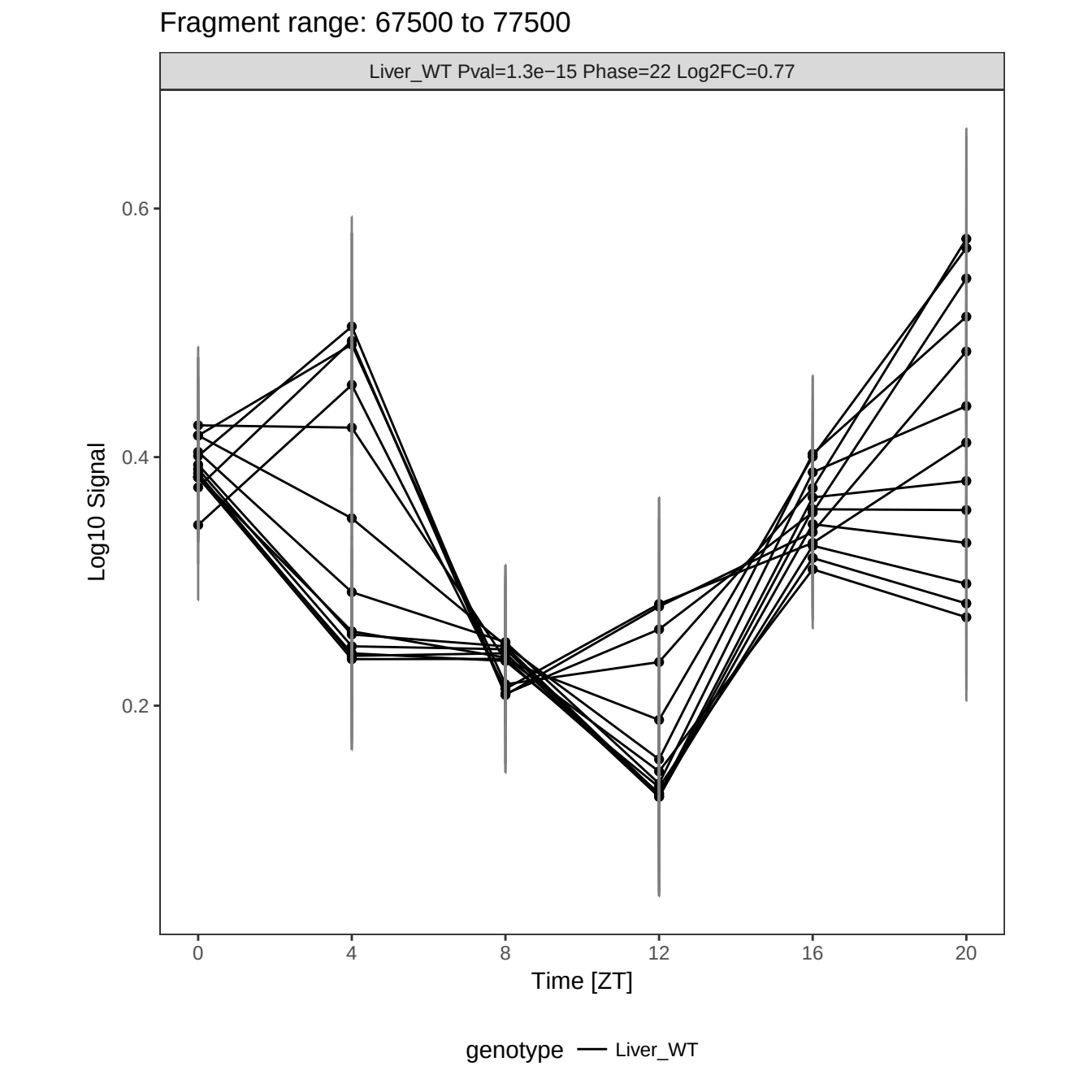

−log10(Pvalue)
3
2
1
0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

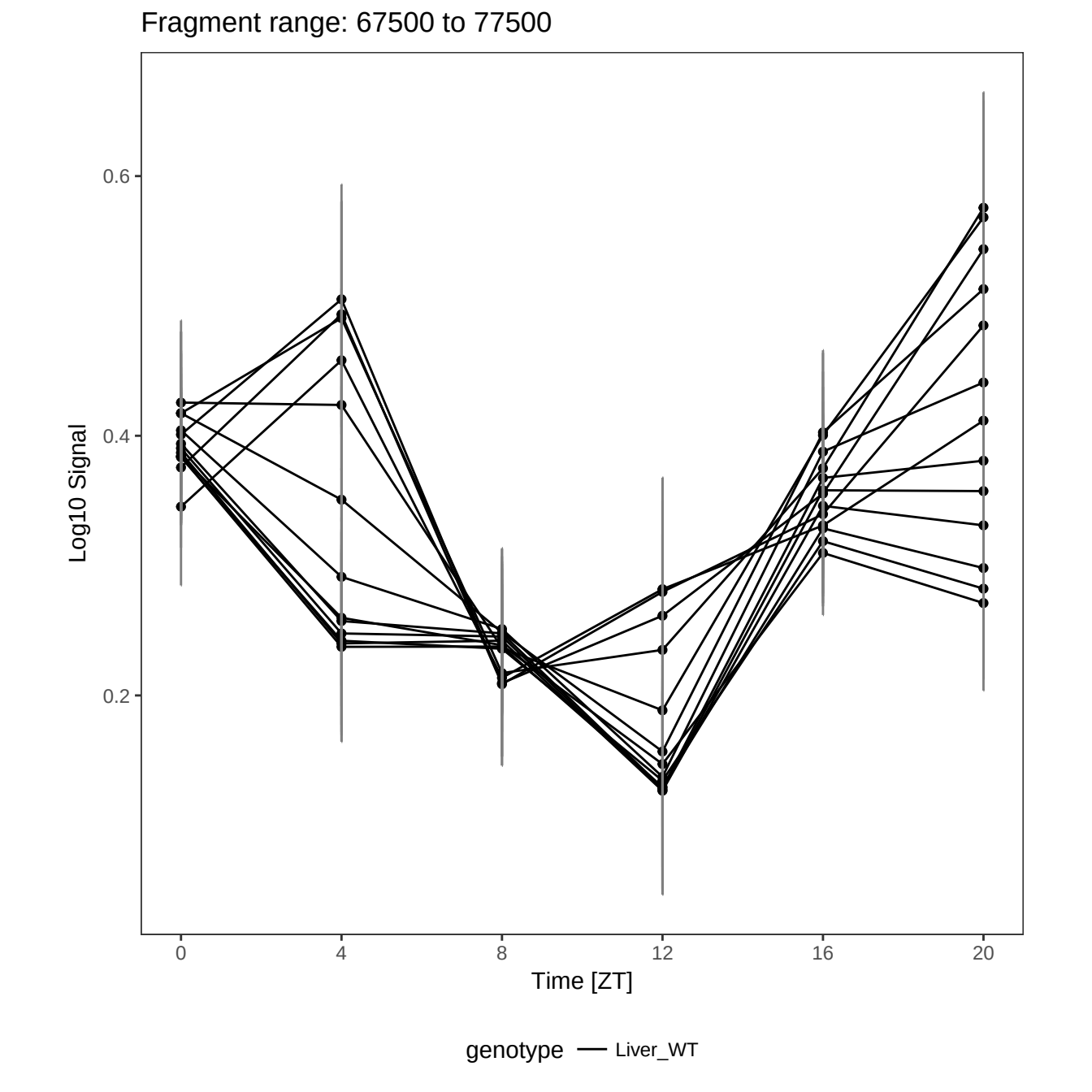

Bmal1_TSS Around the Clock
Liver_WT
Log10 Signal
1.25
1.00
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position relative to bait [kb]
time
ZT00
ZT04
ZT08
ZT12
ZT16
ZT20

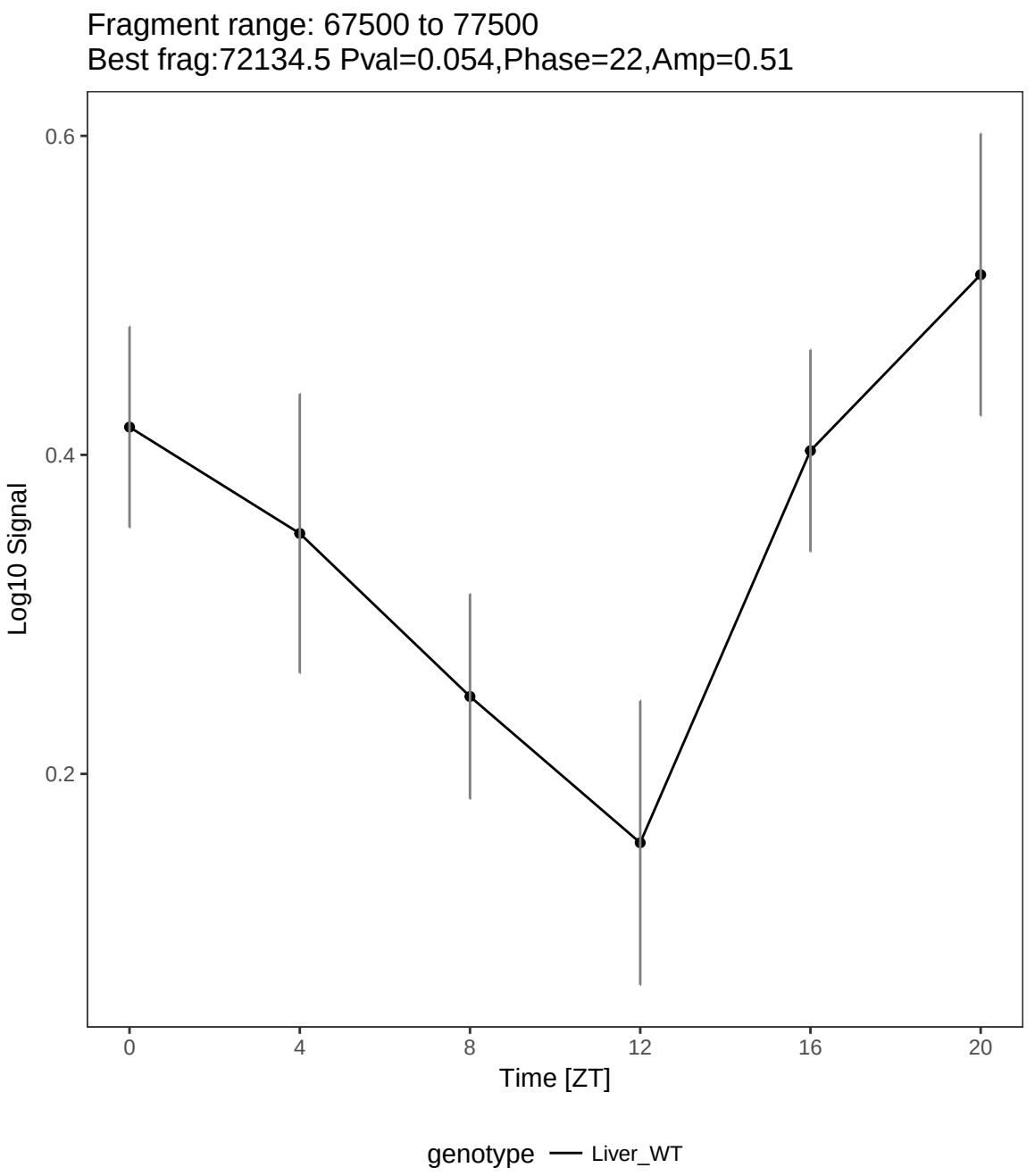

Bmal1_TSS Around the Clock
Liver_WT
Log10 Signal
1.25
1.00
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position relative to bait [kb]
time
ZT00
ZT04
ZT08
ZT12
ZT16
ZT20

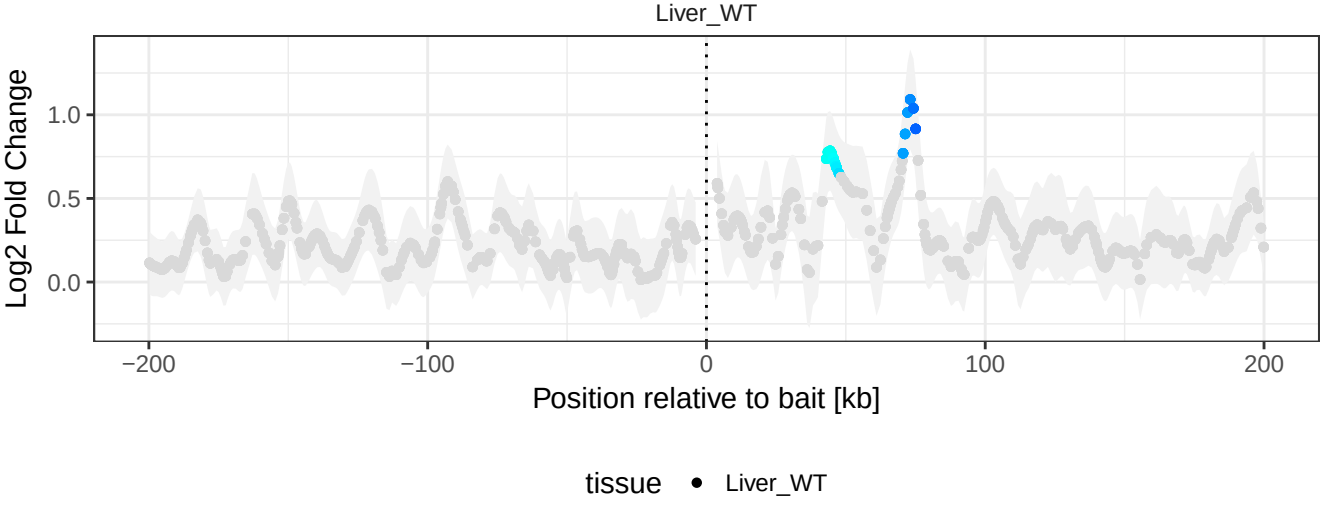

Fragment range: 67500 to 77500
Liver_WT Pval=0.045 Phase=23 Log2FC=0.52
Log10 Signal
0.5
0.4
0.3
0.2
0.1
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

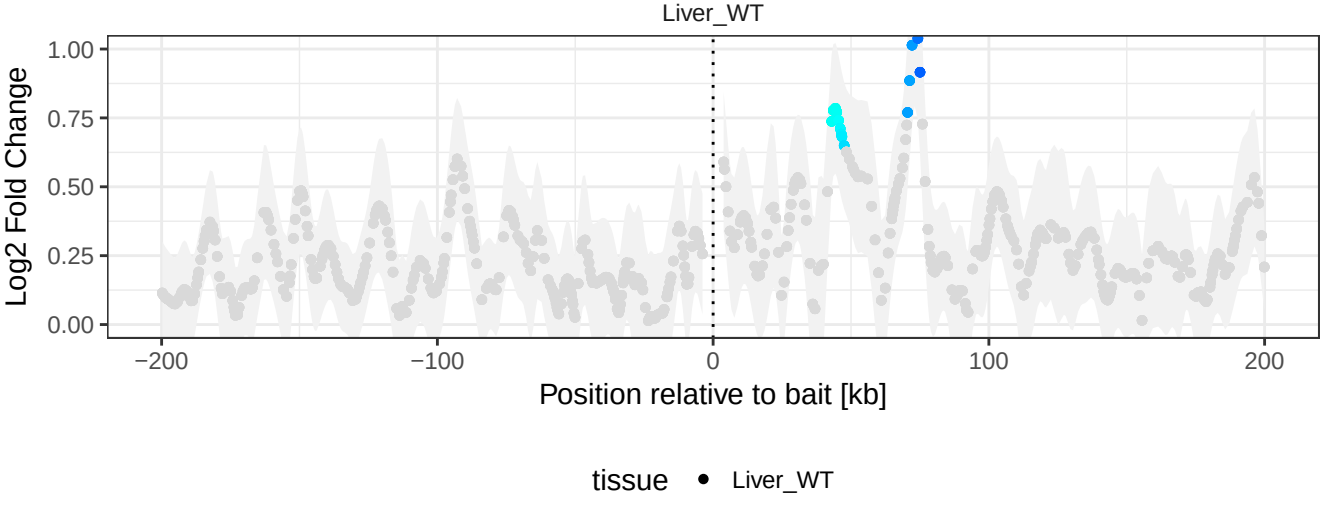

Fragment range: 67500 to 77500
Log10 Signal
0.5
0.4
0.3
0.2
0.1
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

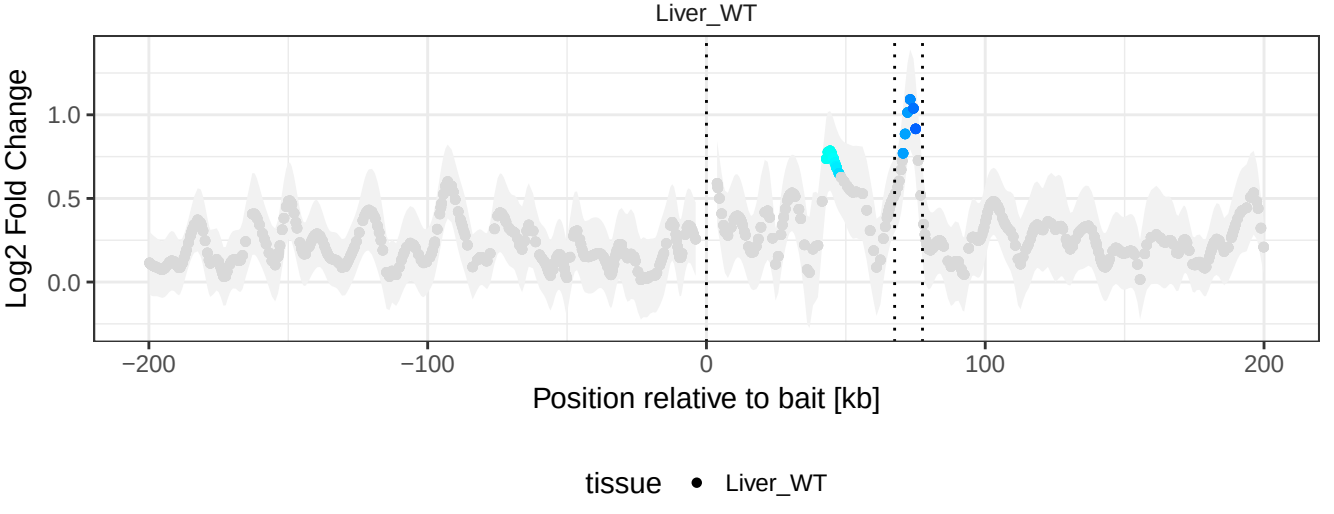

Fragment range: 67500 to 77500
Liver_WT Pval=1.3e−15 Phase=22 Log2FC=0.77
Log10 Signal
0.6
0.4
0.2
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

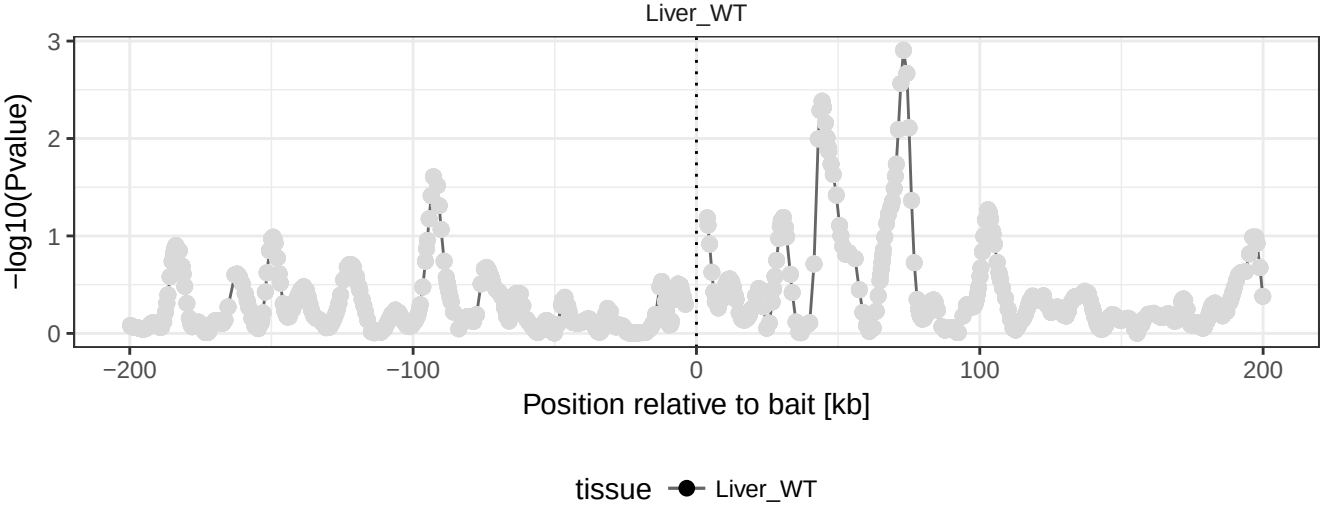

Fragment range: 67500 to 77500
Log10 Signal
0.6
0.4
0.2
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

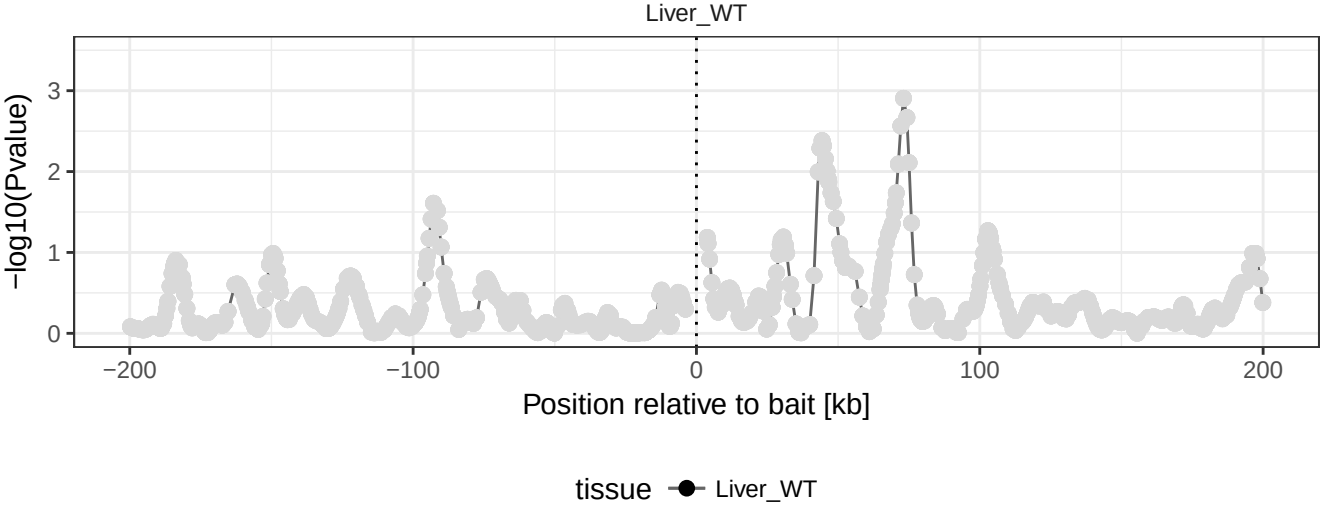

Fragment range: 67500 to 77500
Best frag:72134.5 Pval=0.054,Phase=22,Amp=0.51
0.6
0.4
0.2
Log10 Signal
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

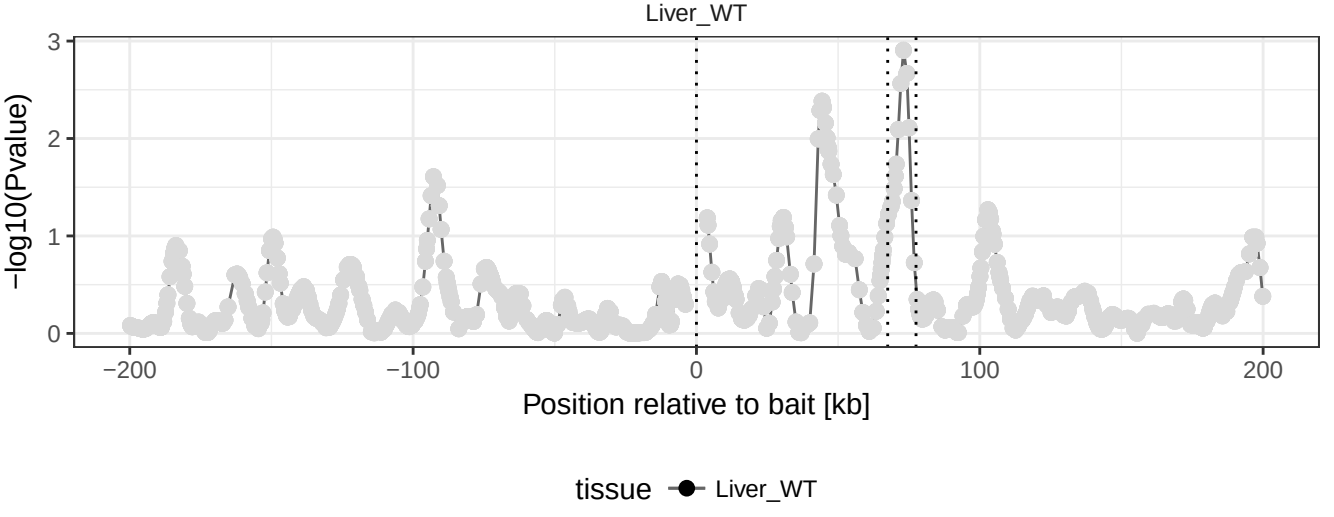

Liver_WT
Log2 Fold Change
1.0
0.5
0.0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

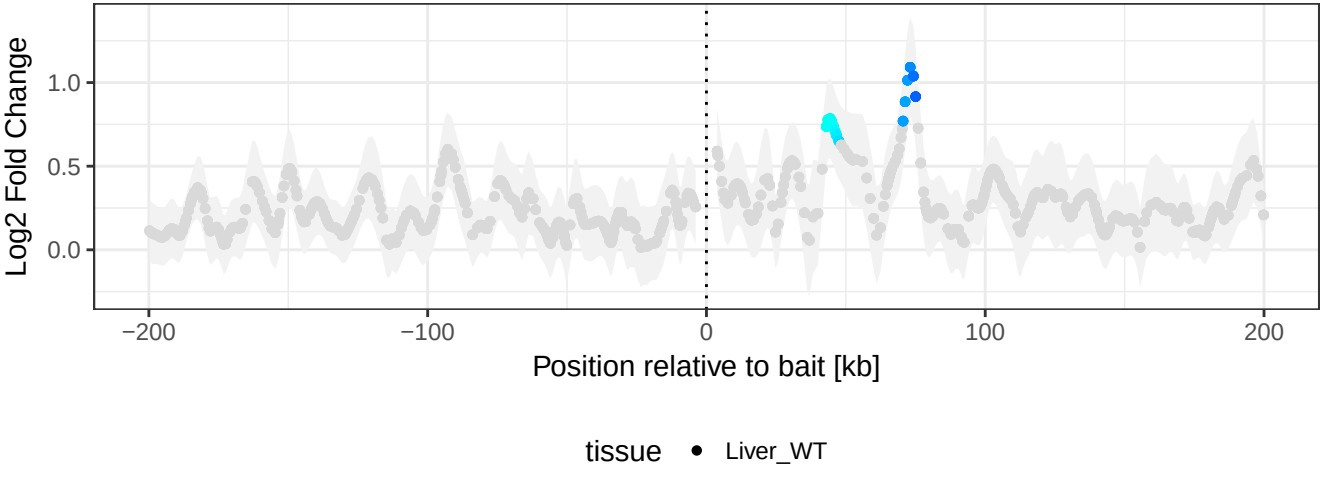

Liver_WT
Log2 Fold Change
1.00
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

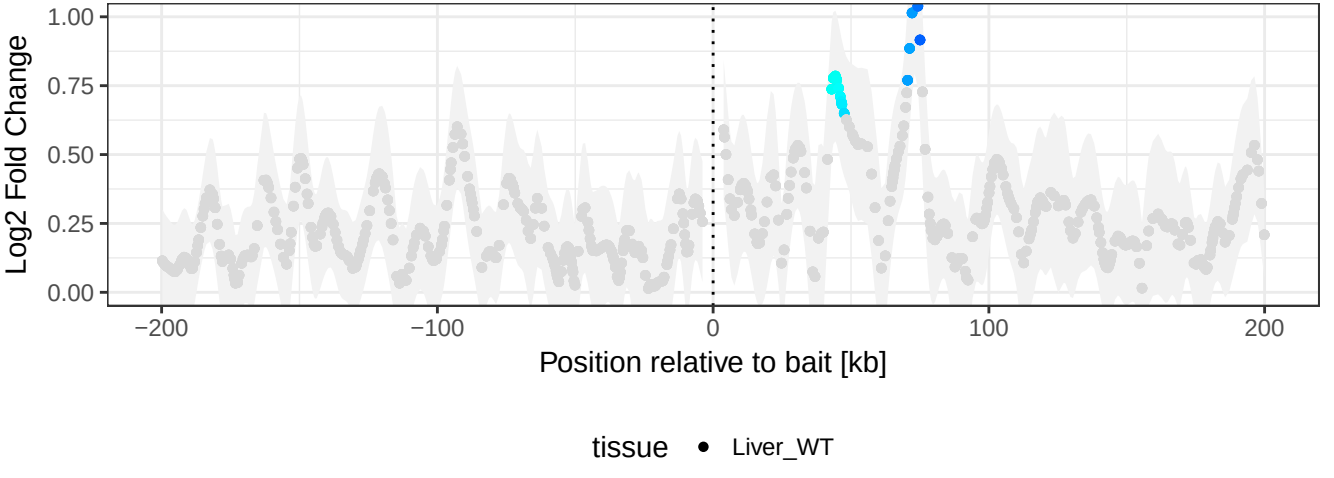

Liver_WT
Log2 Fold Change
1.0
0.5
0.0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

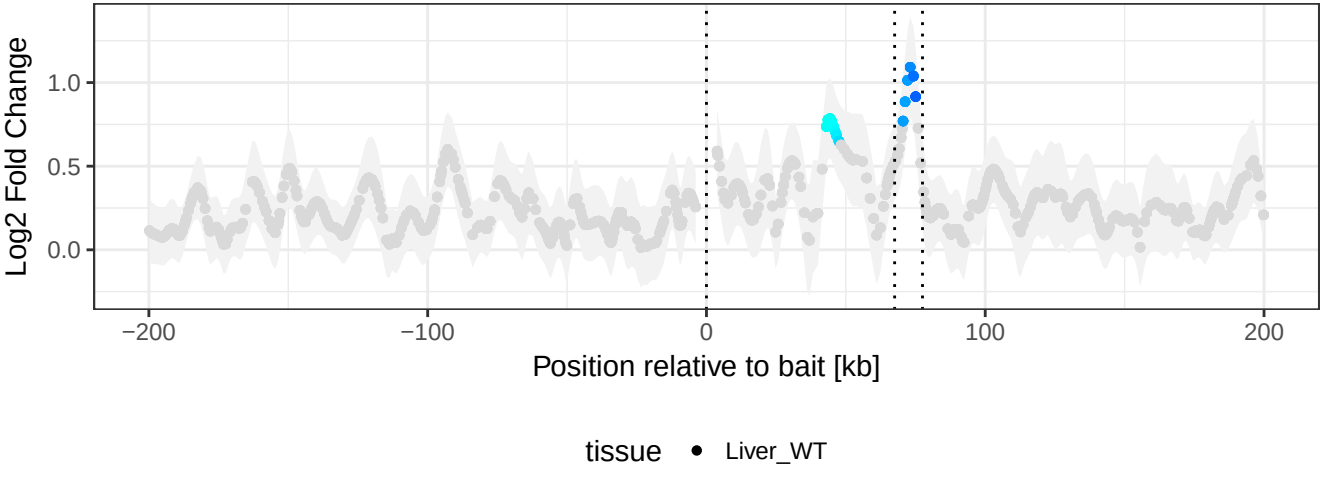

Liver_WT
−log10(Pvalue)
3
2
1
0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

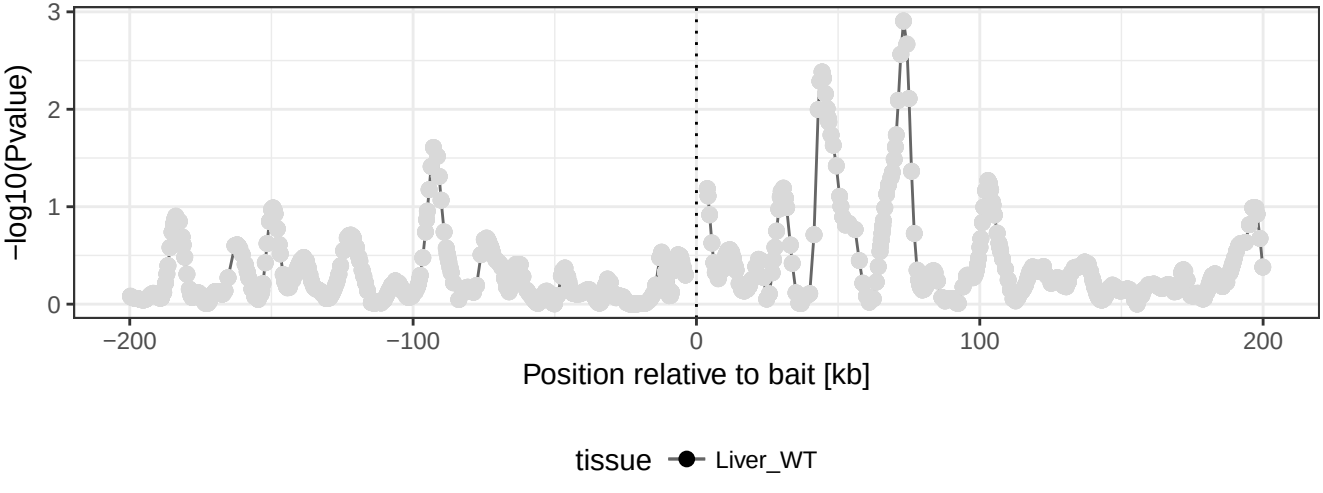

Liver_WT
−log10(Pvalue)
3
2
1
0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

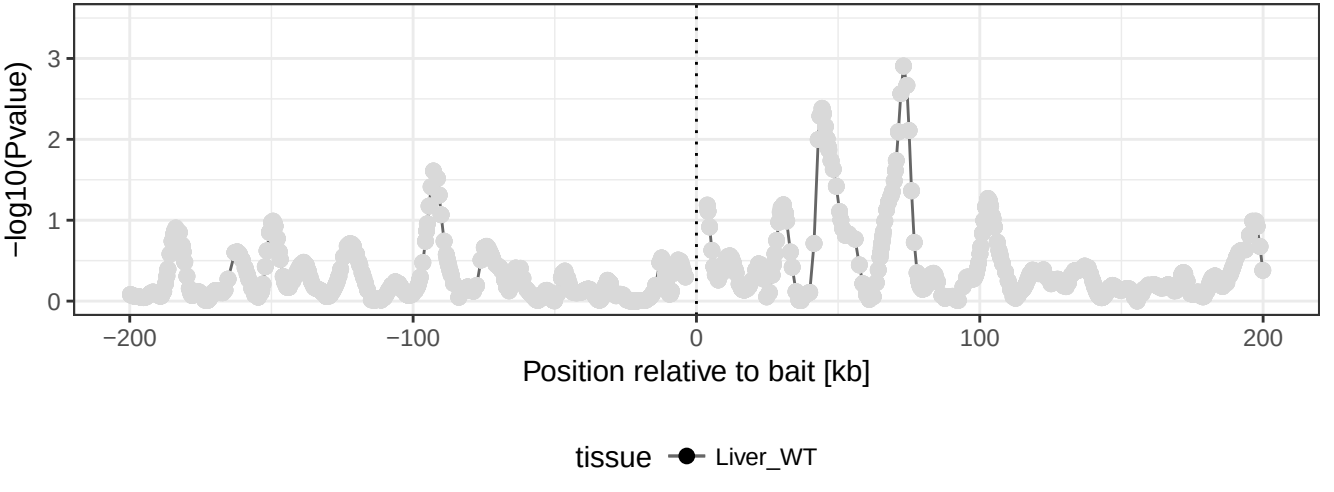

Liver_WT
−log10(Pvalue)
3
2
1
0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

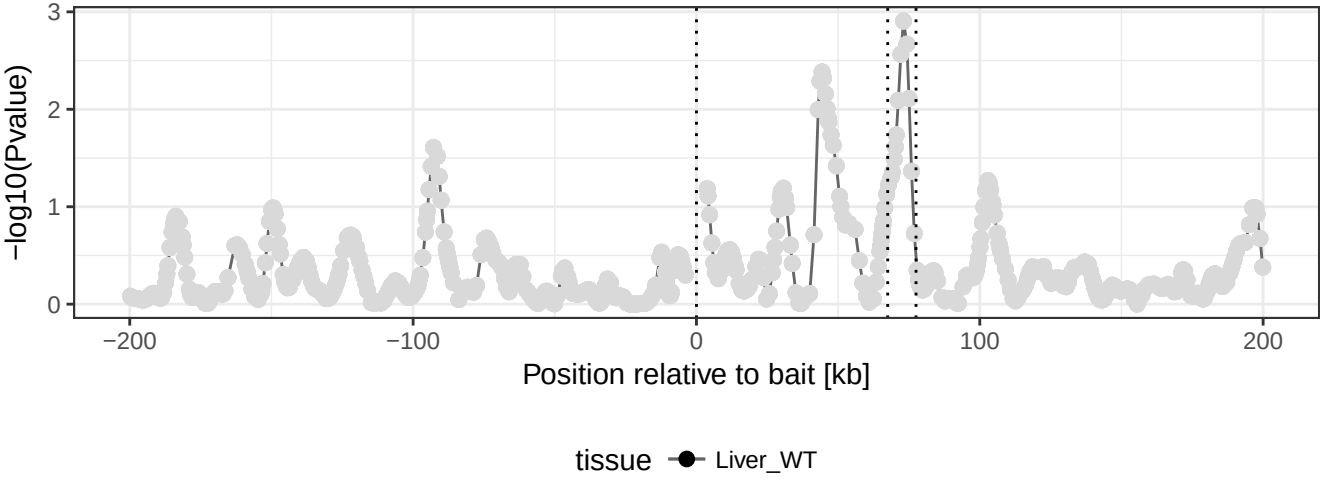

Log2 Fold Change
1.0
0.5
0.0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT


Log2 Fold Change
1.00
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT


Log2 Fold Change
1.0
0.5
0.0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT


3
2
1
0
−log10(Pvalue)
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT


−log10(Pvalue)
3
2
1
0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT


3
2
1
0
−log10(Pvalue)
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT