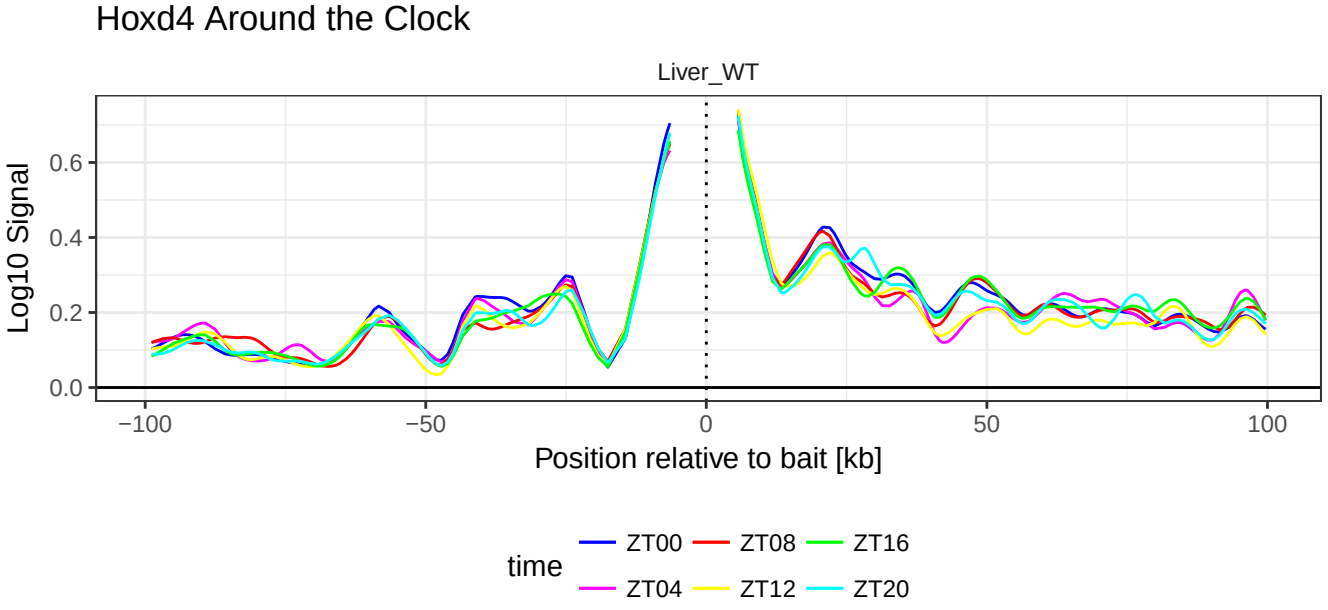
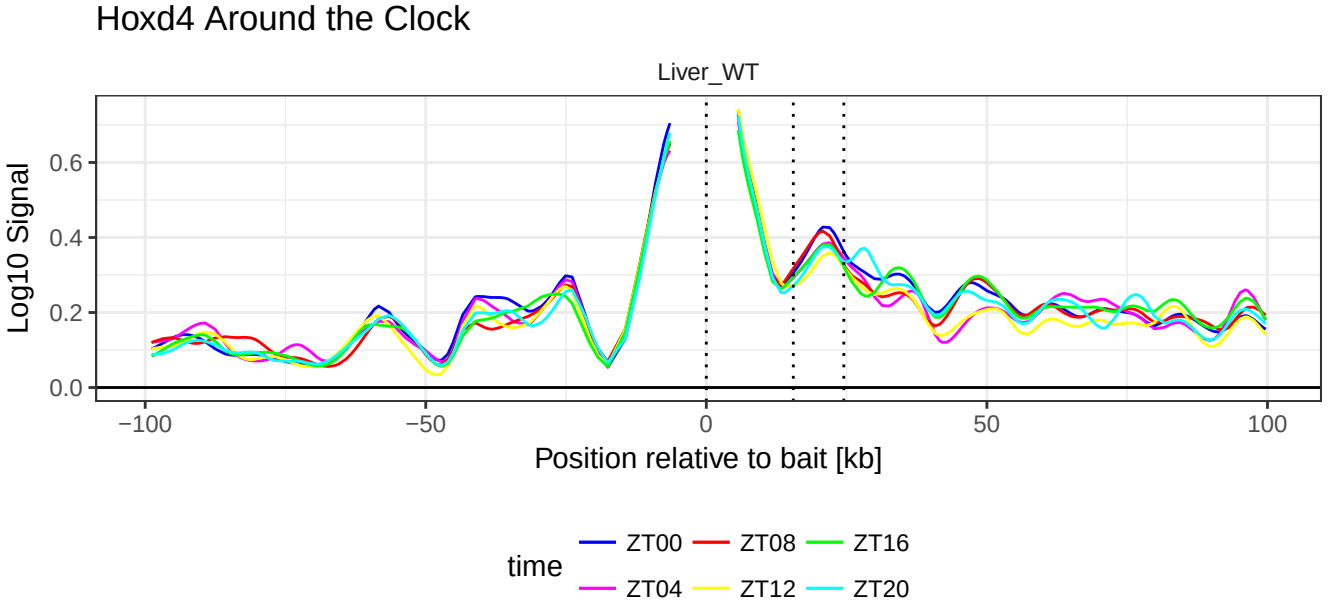
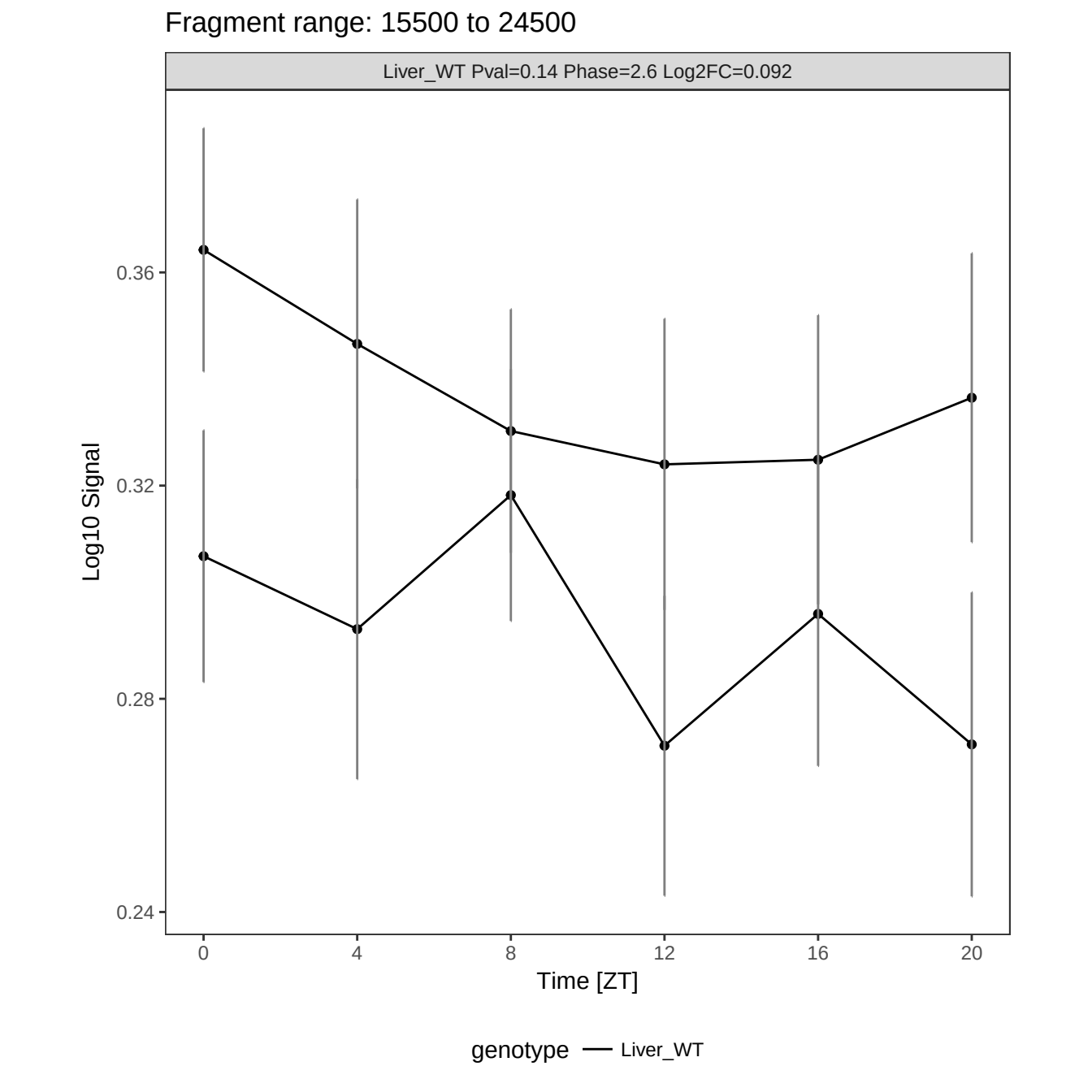
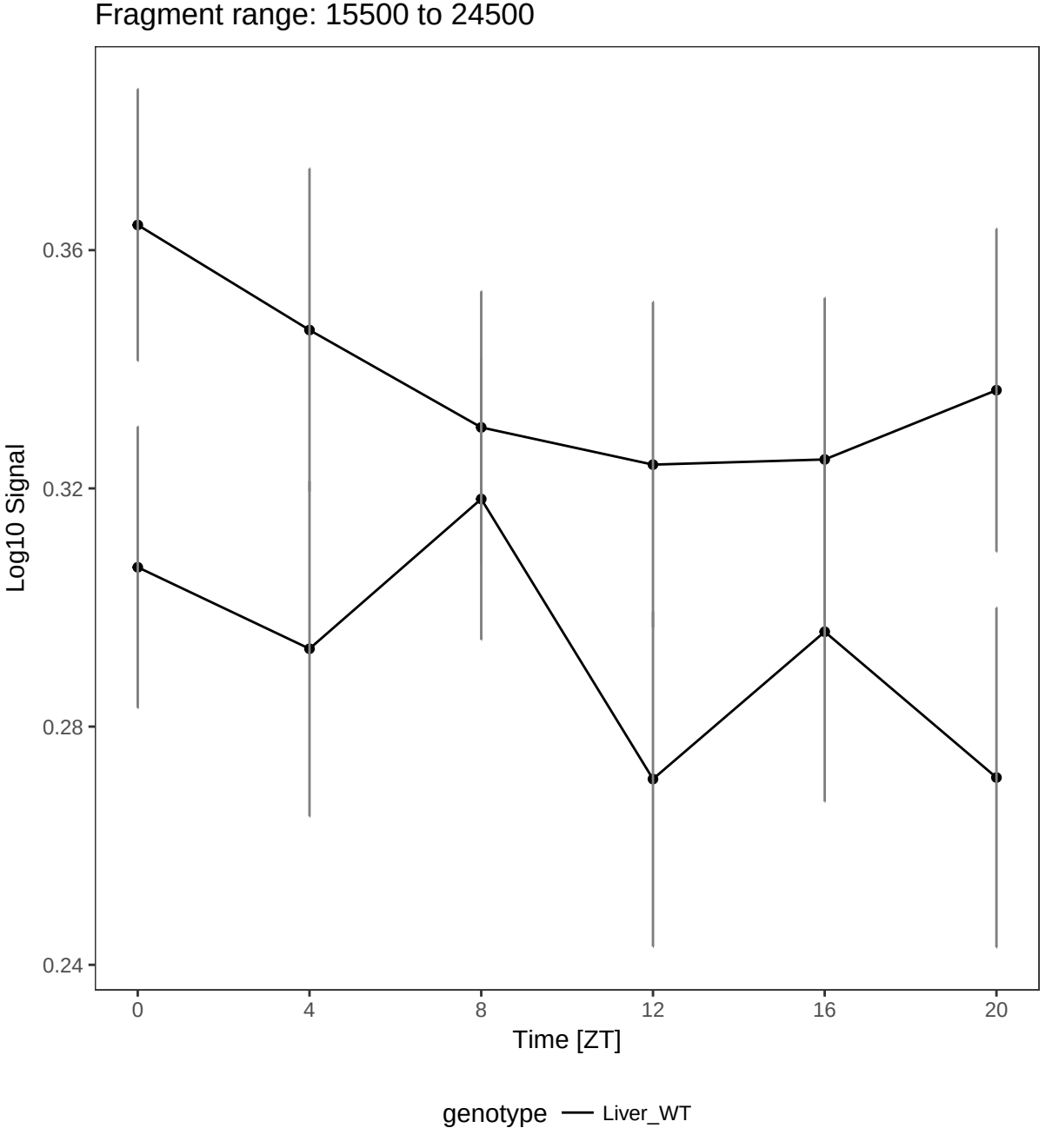
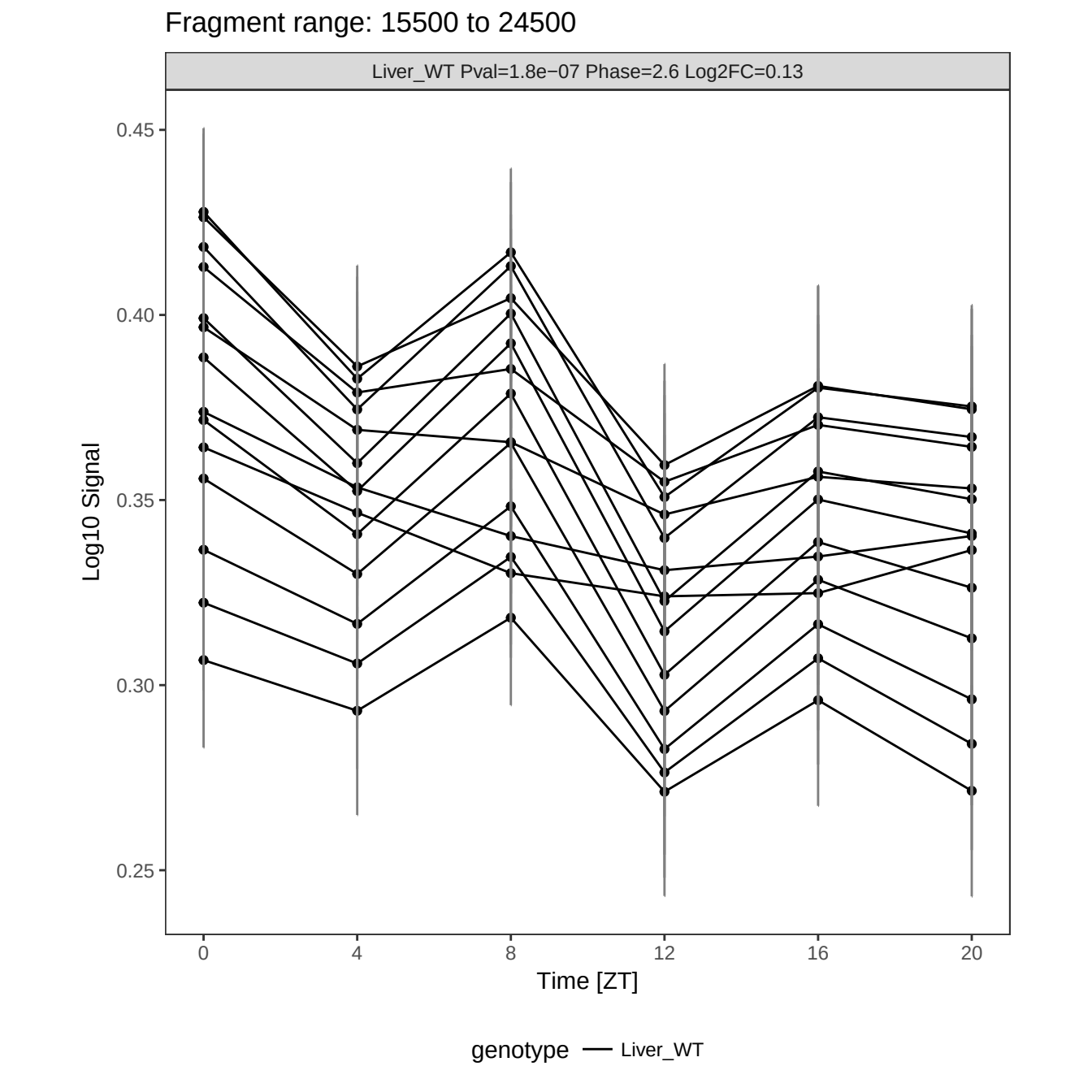
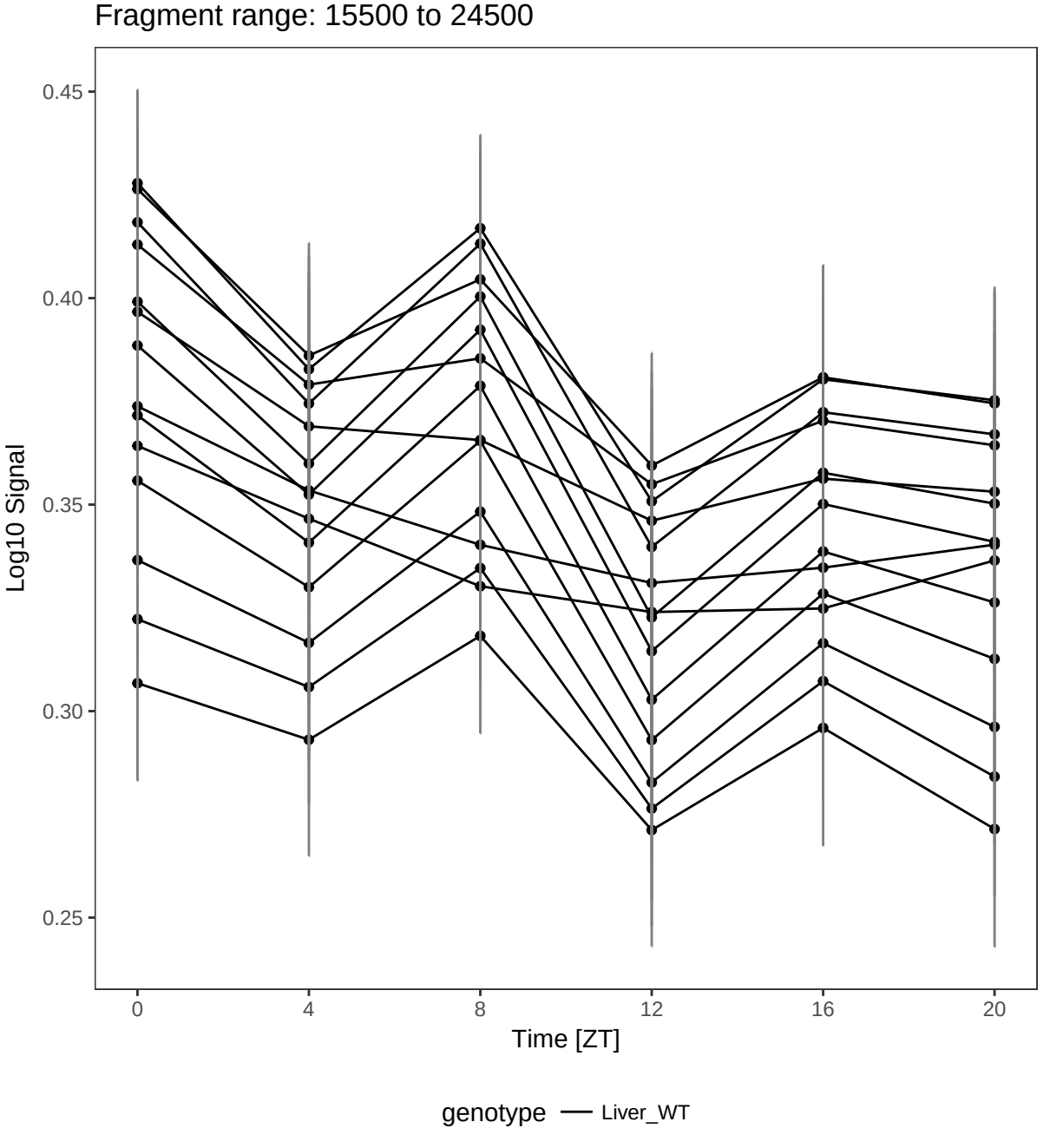

Hoxd4 Around the Clock
Liver_WT
Log10 Signal
0.0
0.2
0.4
0.6
−100
−50
0
50
100
Position relative to bait [kb]
time
ZT00
ZT04
ZT08
ZT12
ZT16
ZT20

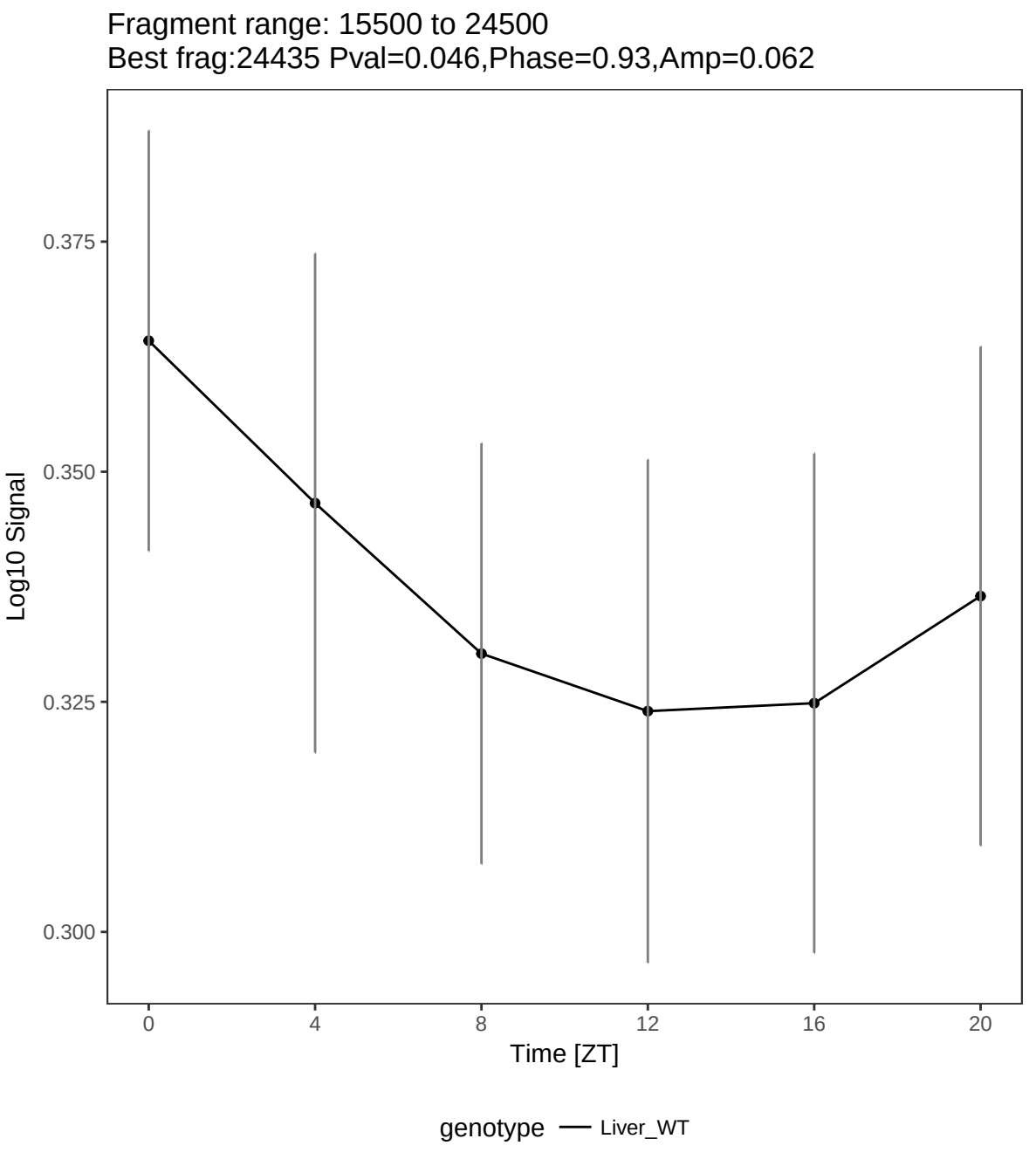

Hoxd4 Around the Clock
Liver_WT
Log10 Signal
0.0
0.2
0.4
0.6
−100
−50
0
50
100
Position relative to bait [kb]
time
ZT00
ZT04
ZT08
ZT12
ZT16
ZT20

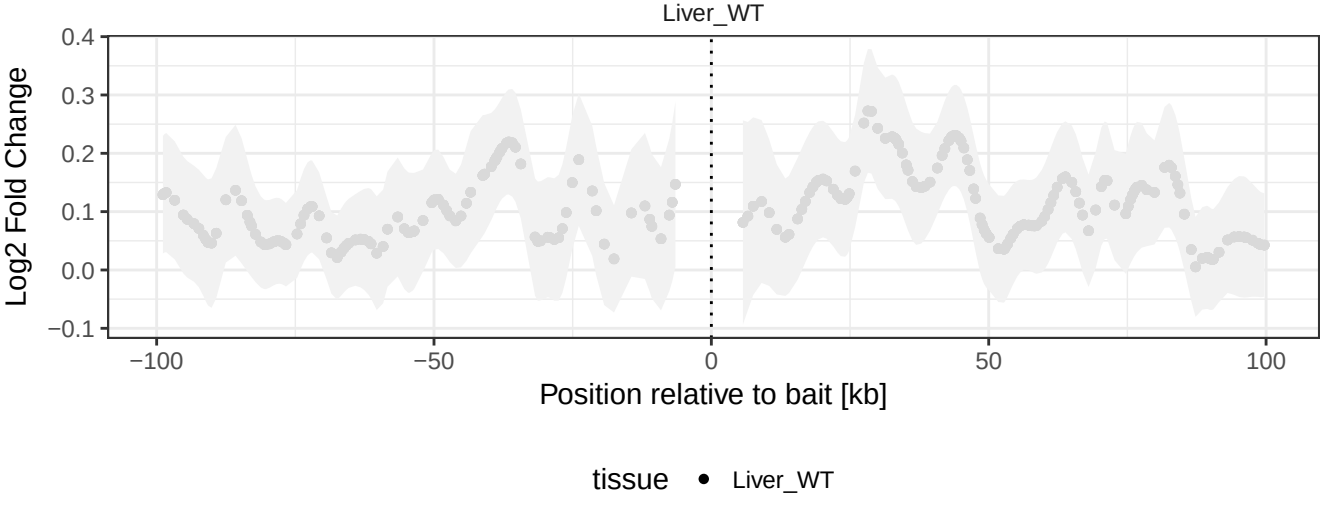

Fragment range: 15500 to 24500
Liver_WT Pval=0.14 Phase=2.6 Log2FC=0.092
Log10 Signal
0.36
0.32
0.28
0.24
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

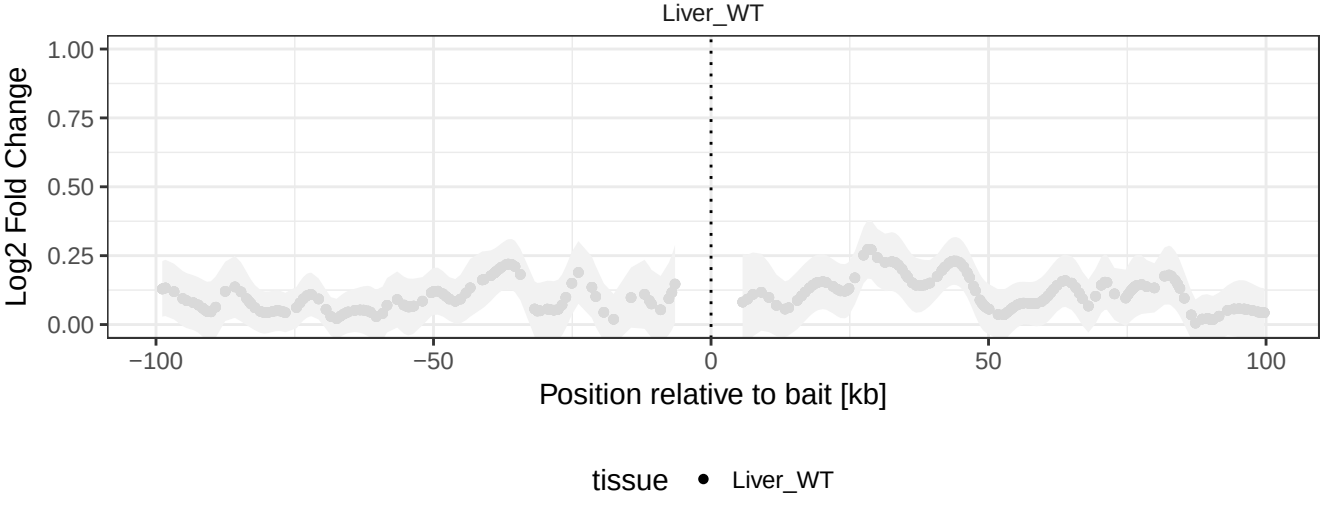

Fragment range: 15500 to 24500
Log10 Signal
0.36
0.32
0.28
0.24
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

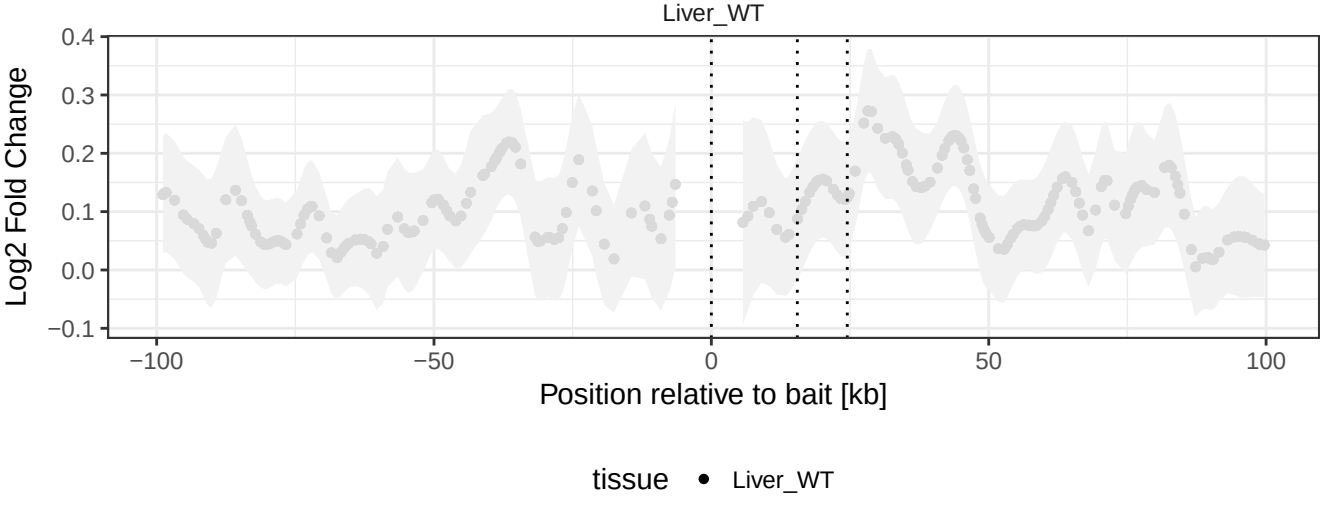

Fragment range: 15500 to 24500
Liver_WT Pval=1.8e−07 Phase=2.6 Log2FC=0.13
0.45
0.40
0.35
0.30
0.25
Log10 Signal
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

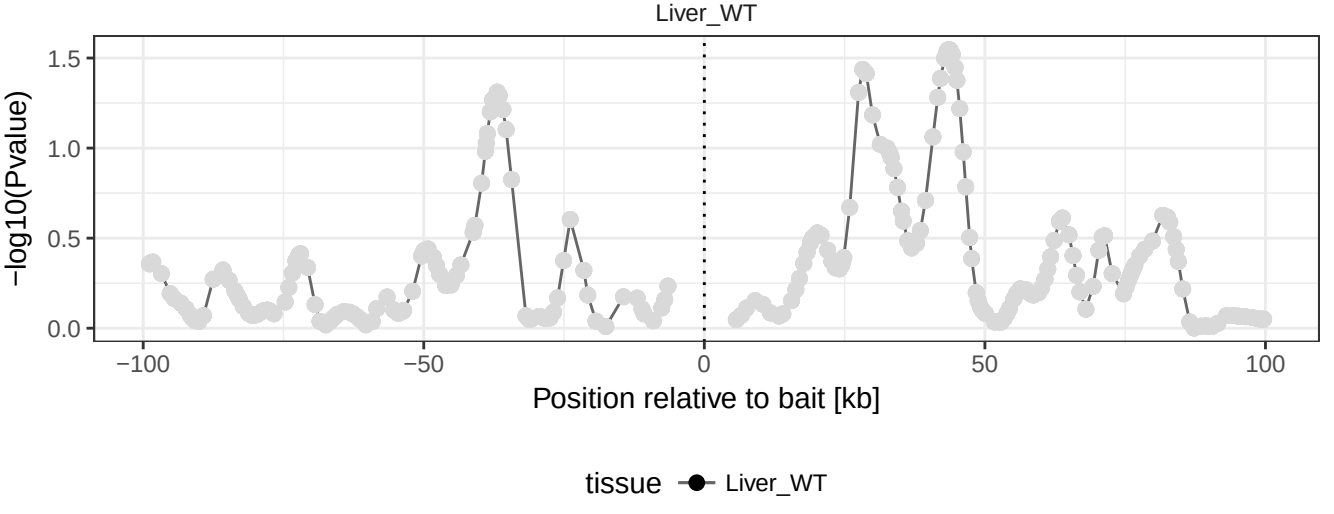

Fragment range: 15500 to 24500
0.45
0.40
0.35
0.30
0.25
Log10 Signal
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

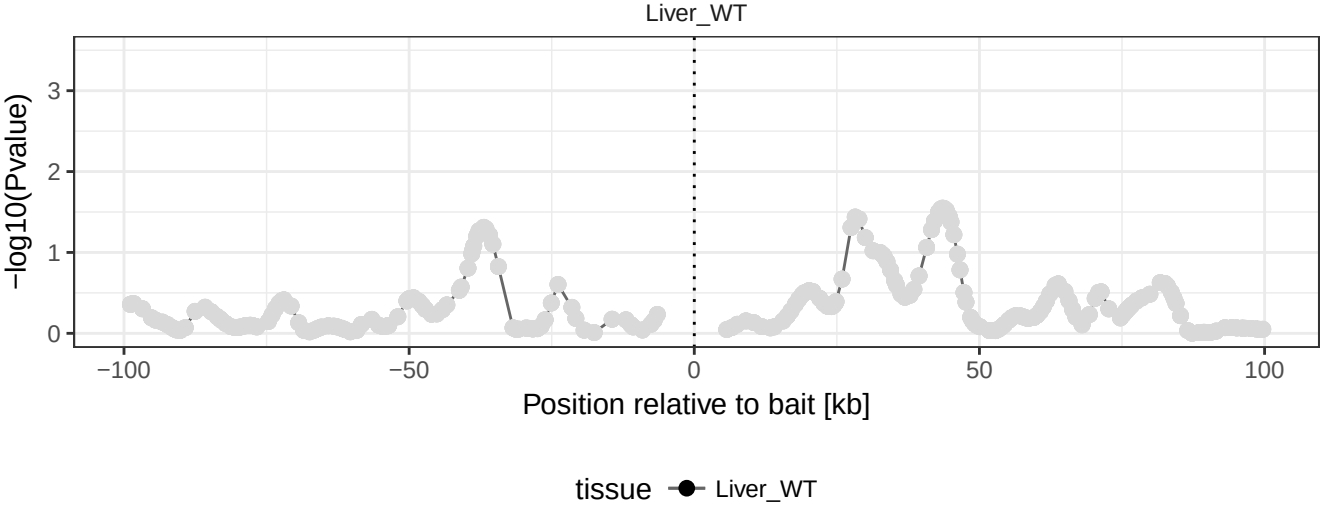

Fragment range: 15500 to 24500
Best frag:24435 Pval=0.046,Phase=0.93,Amp=0.062
Log10 Signal
0.375
0.350
0.325
0.300
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

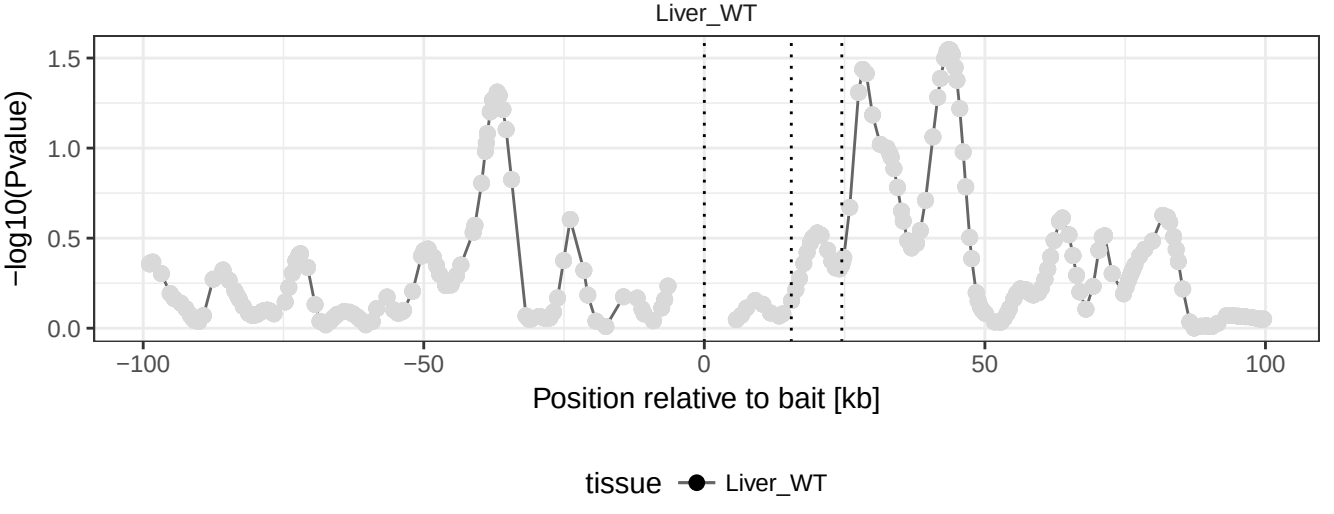

Liver_WT
0.4
0.3
0.2
0.1
0.0
−0.1
Log2 Fold Change
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

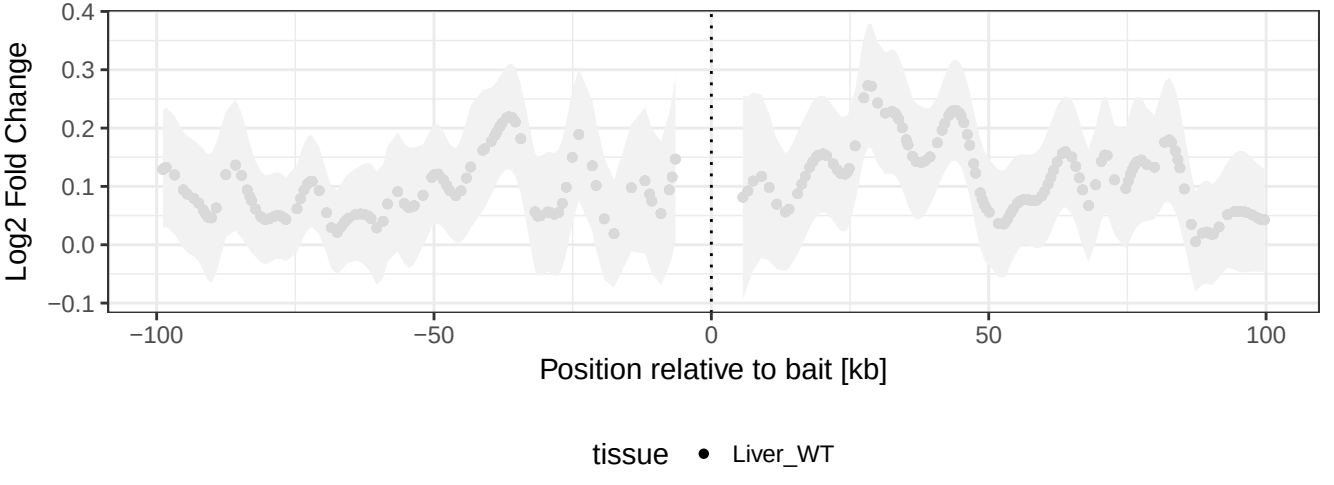

Liver_WT
1.00
0.75
0.50
0.25
0.00
Log2 Fold Change
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

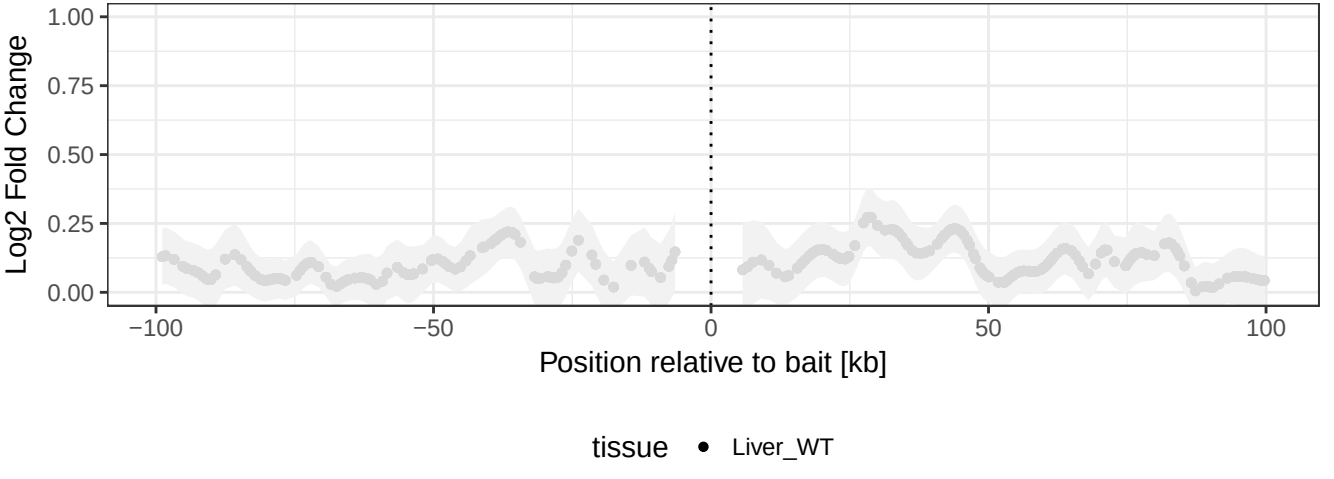

Liver_WT
0.4
0.3
0.2
0.1
0.0
−0.1
Log2 Fold Change
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

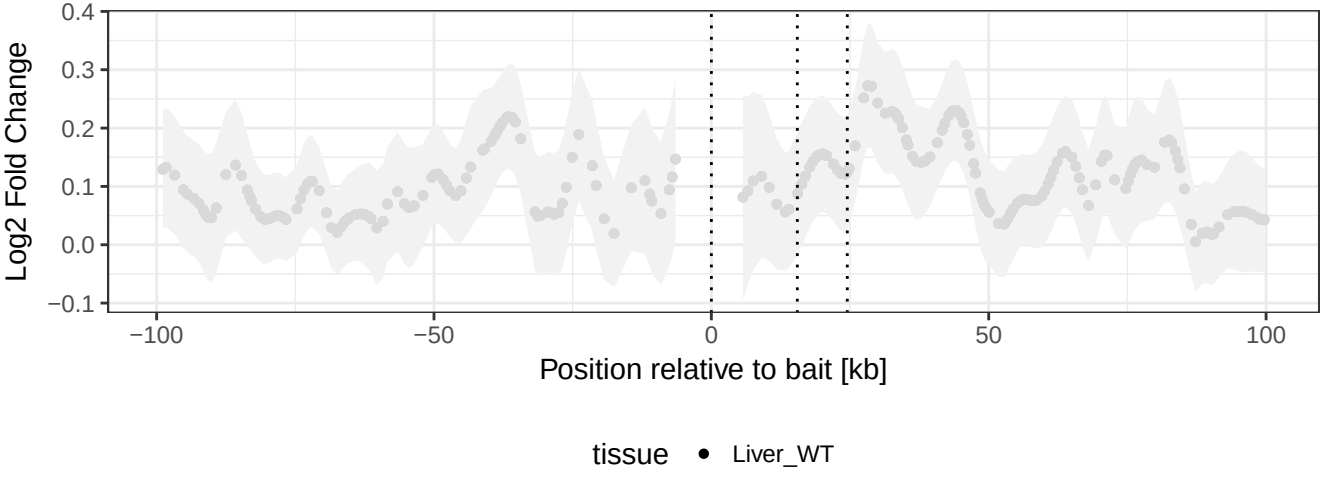

Liver_WT
1.5
1.0
0.5
0.0
−log10(Pvalue)
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

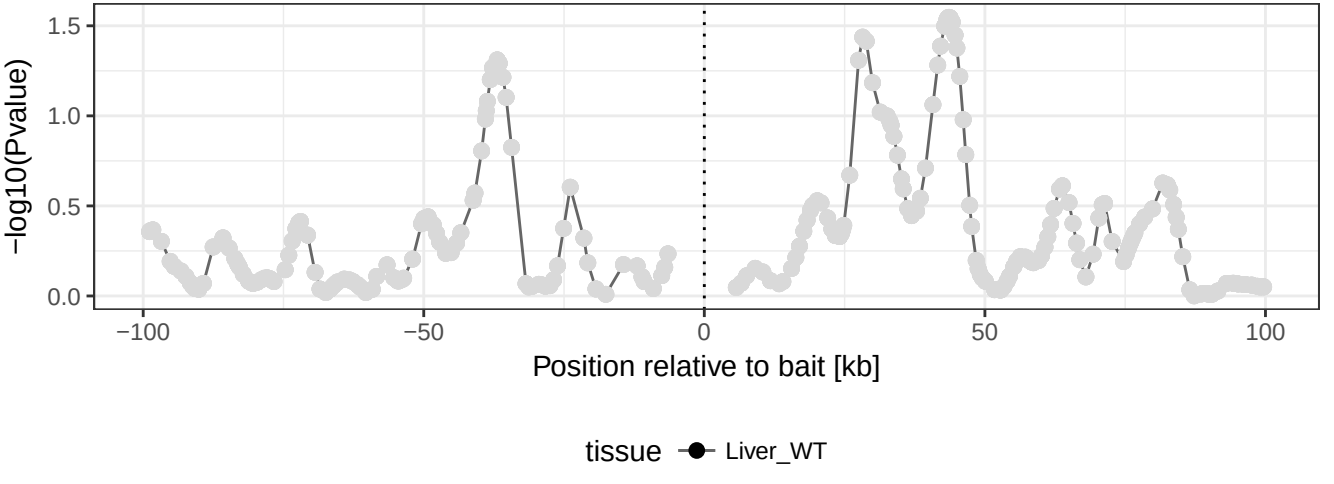

Liver_WT
−log10(Pvalue)
3
2
1
0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

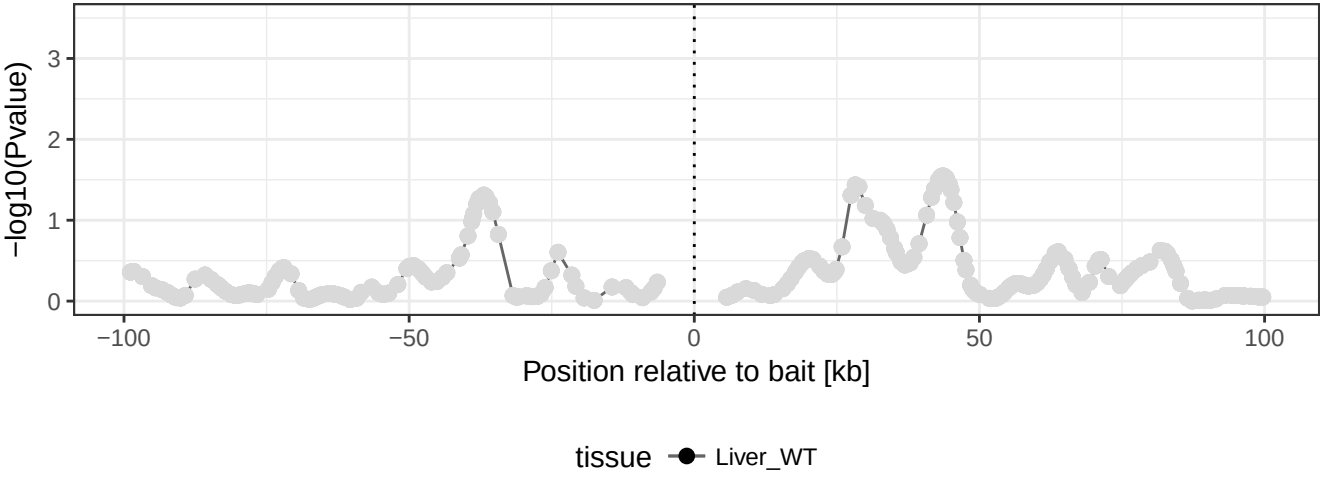

Liver_WT
−log10(Pvalue)
1.5
1.0
0.5
0.0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

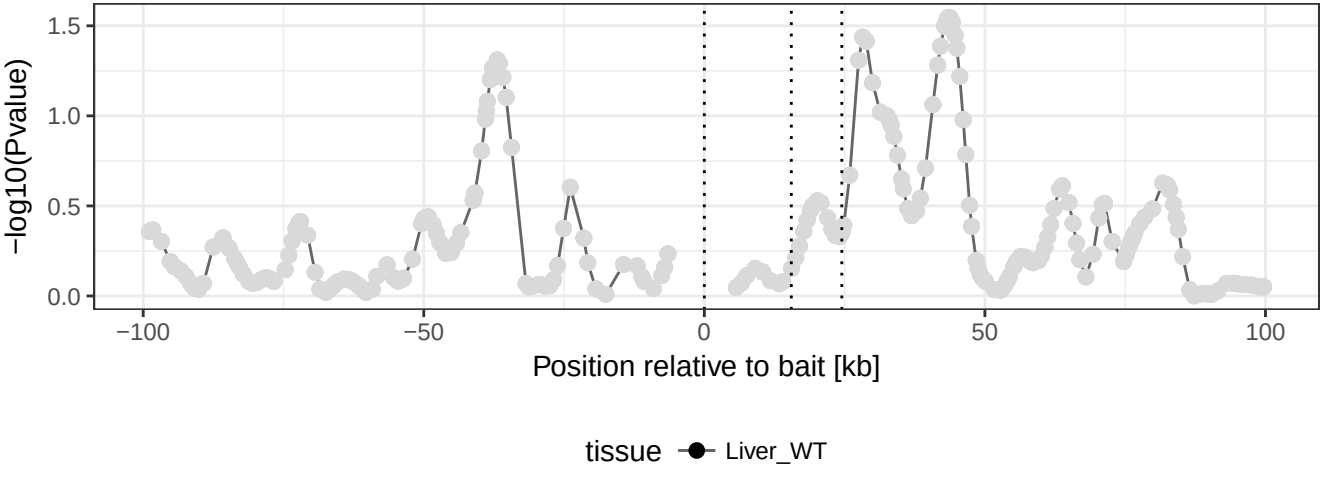

0.4
0.3
0.2
0.1
0.0
−0.1
Log2 Fold Change
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

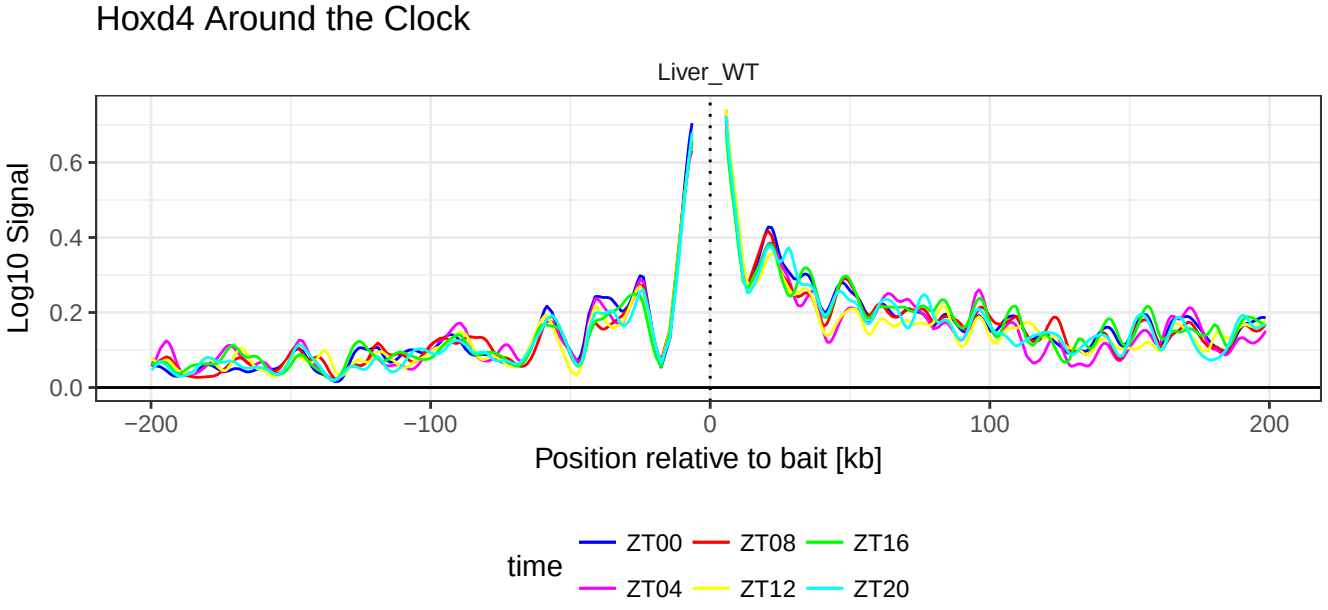

Log2 Fold Change
1.00
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

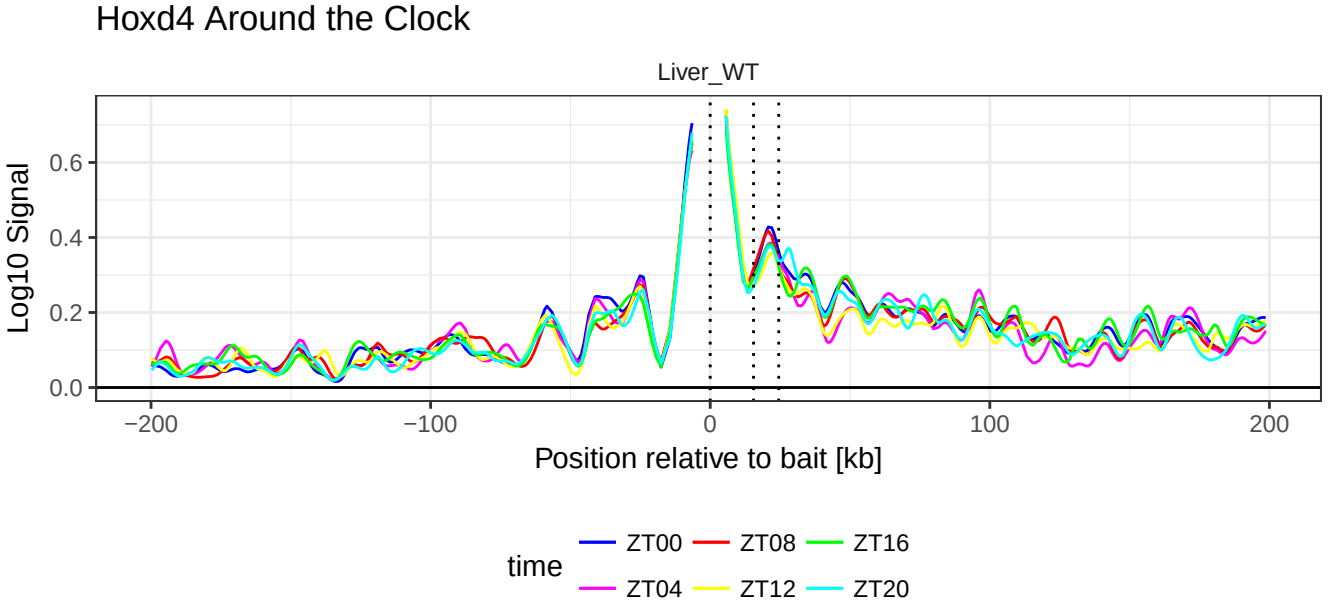

0.4
0.3
0.2
0.1
0.0
−0.1
Log2 Fold Change
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

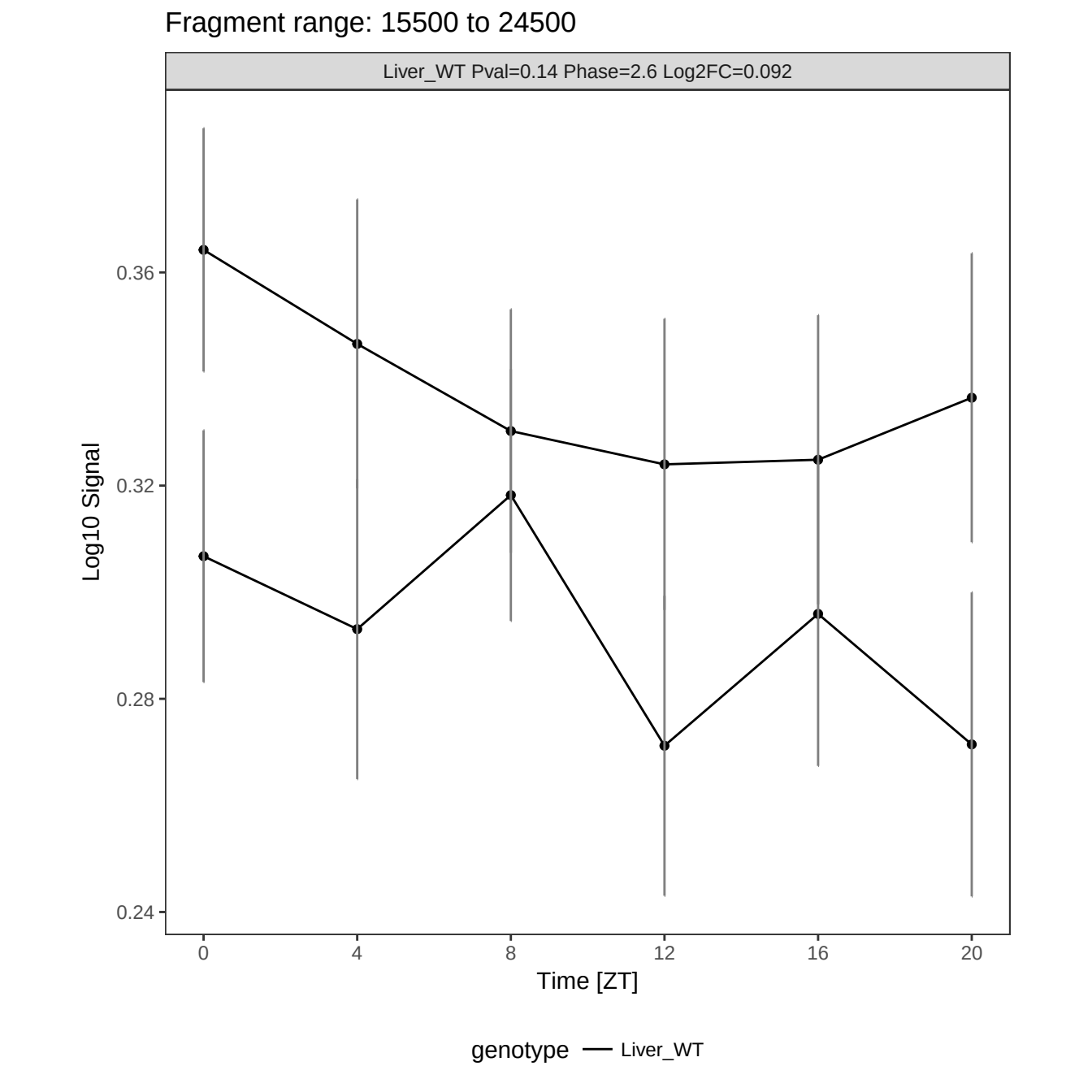

1.5
1.0
0.5
0.0
−log10(Pvalue)
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

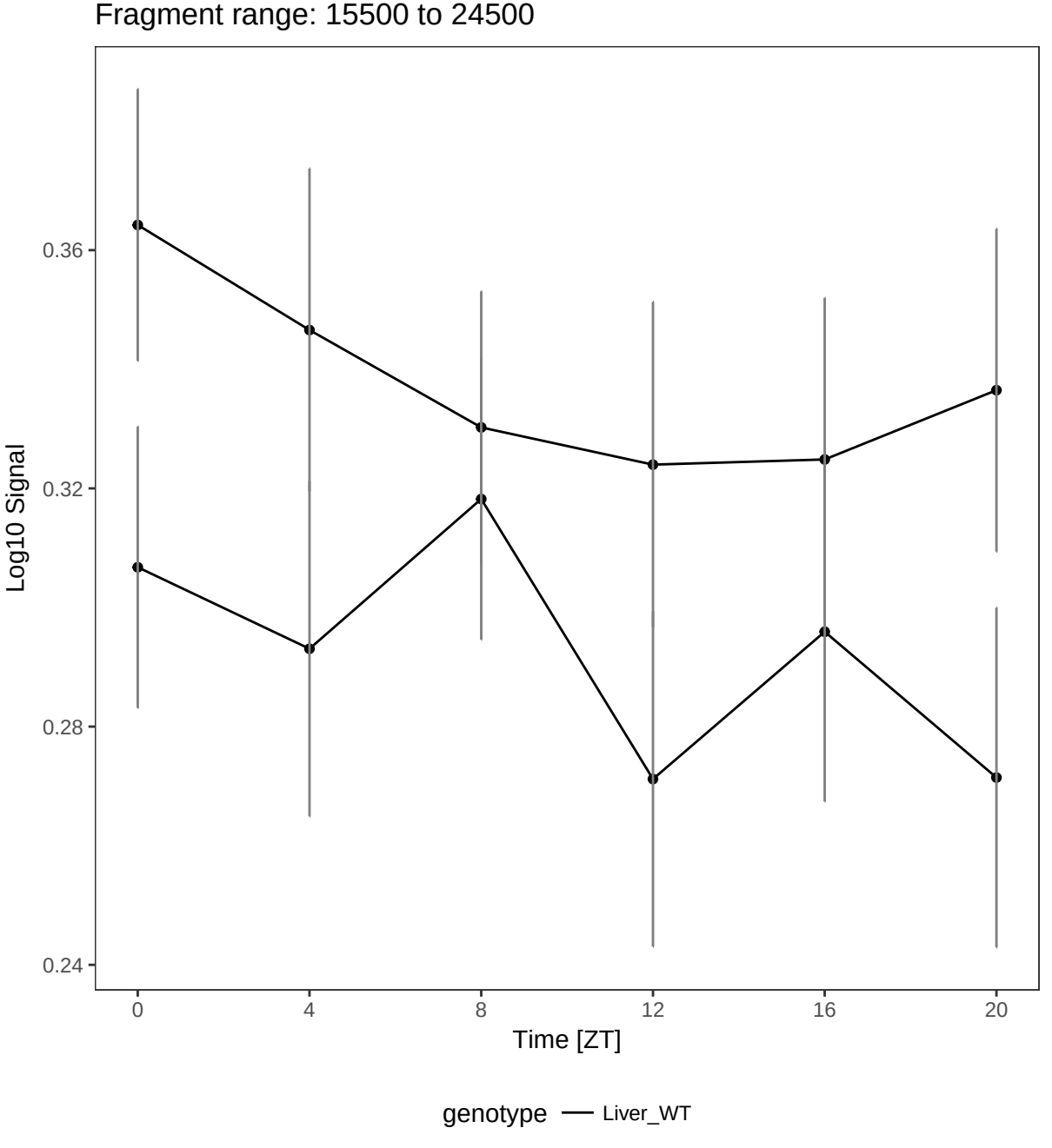

−log10(Pvalue)
3
2
1
0
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

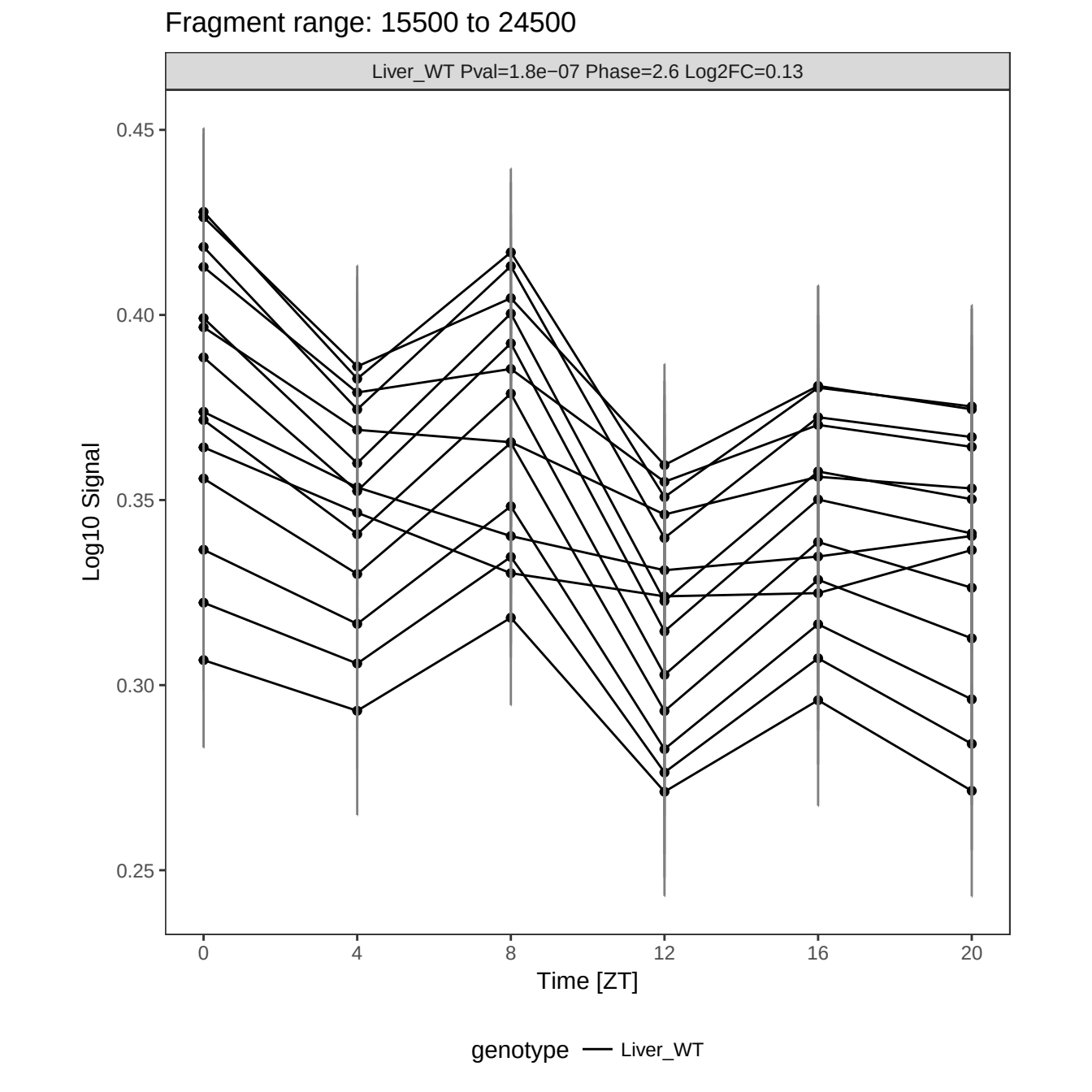

1.5
1.0
0.5
0.0
−log10(Pvalue)
−100
−50
0
50
100
Position relative to bait [kb]
tissue
Liver_WT

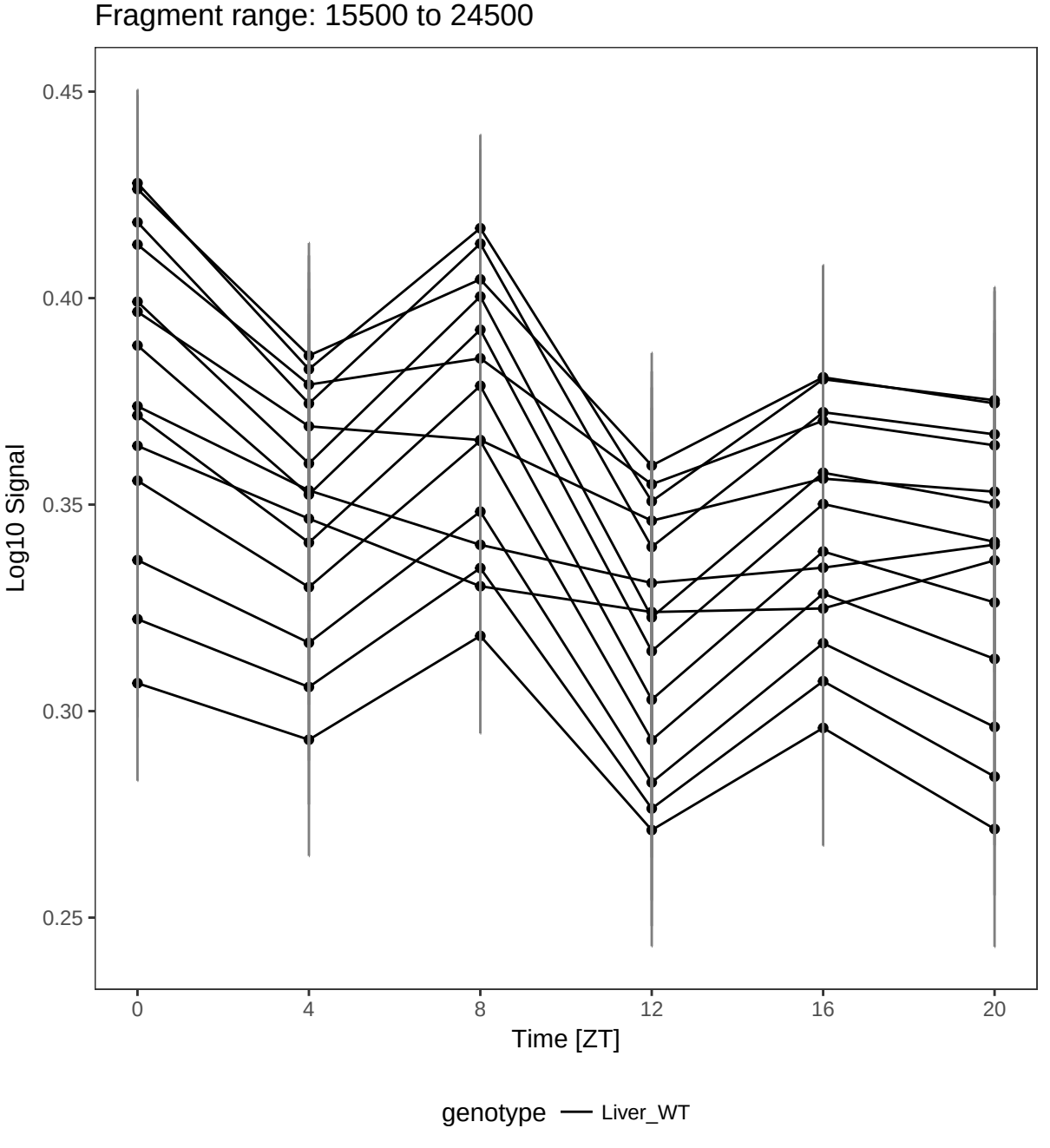

Hoxd4 Around the Clock
Liver_WT
Log10 Signal
0.0
0.2
0.4
0.6
−200
−100
0
100
200
Position relative to bait [kb]
time
ZT00
ZT04
ZT08
ZT12
ZT16
ZT20

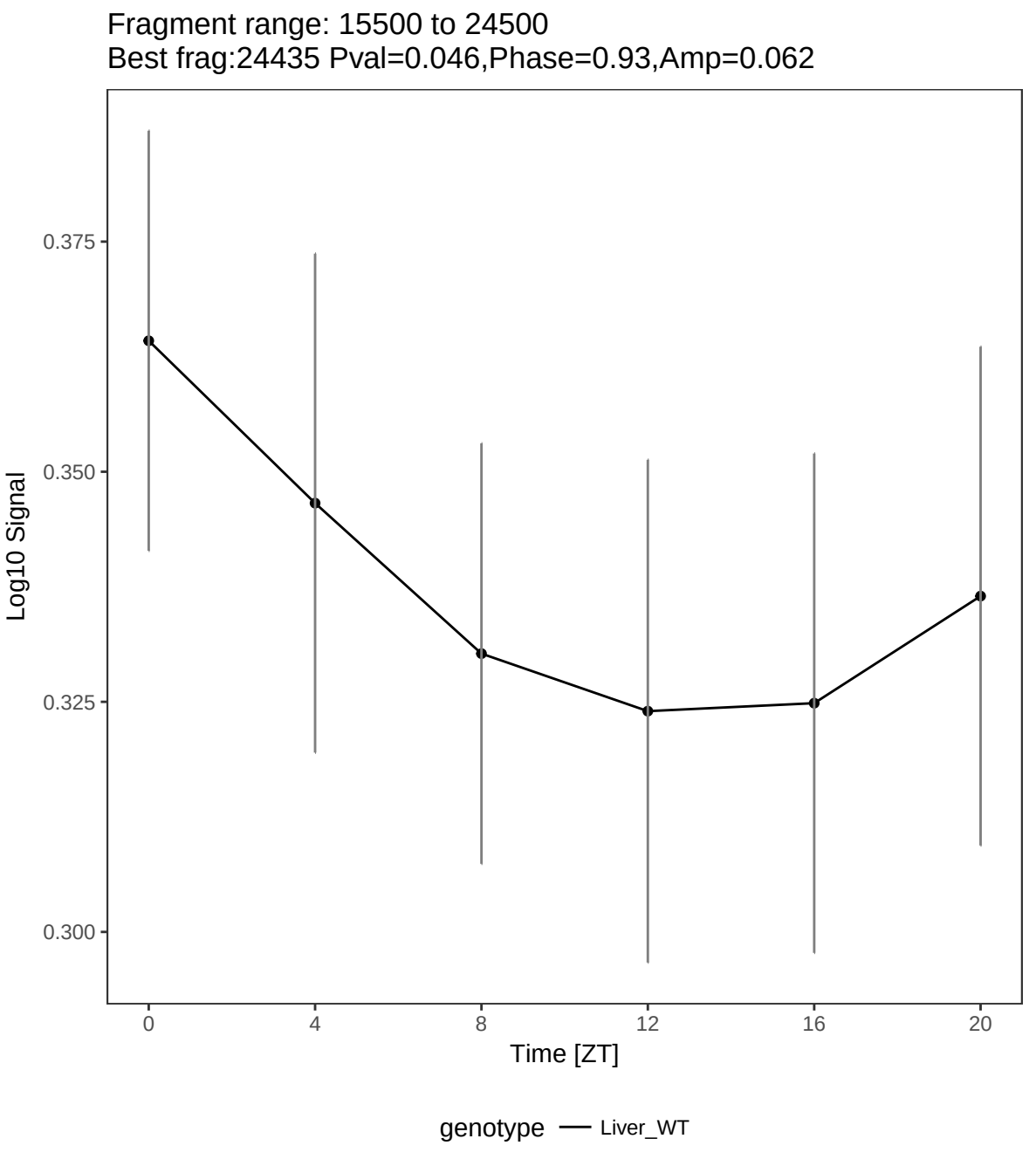

Hoxd4 Around the Clock
Liver_WT
Log10 Signal
0.0
0.2
0.4
0.6
−200
−100
0
100
200
Position relative to bait [kb]
time
ZT00
ZT04
ZT08
ZT12
ZT16
ZT20

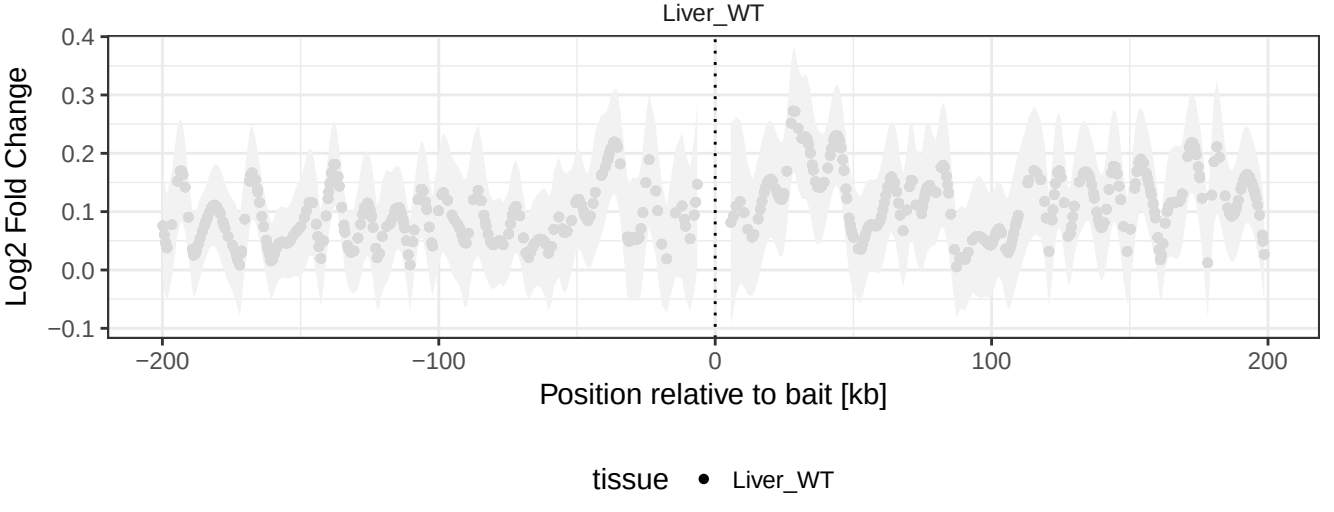

Fragment range: 15500 to 24500
Liver_WT Pval=0.14 Phase=2.6 Log2FC=0.092
Log10 Signal
0.36
0.32
0.28
0.24
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

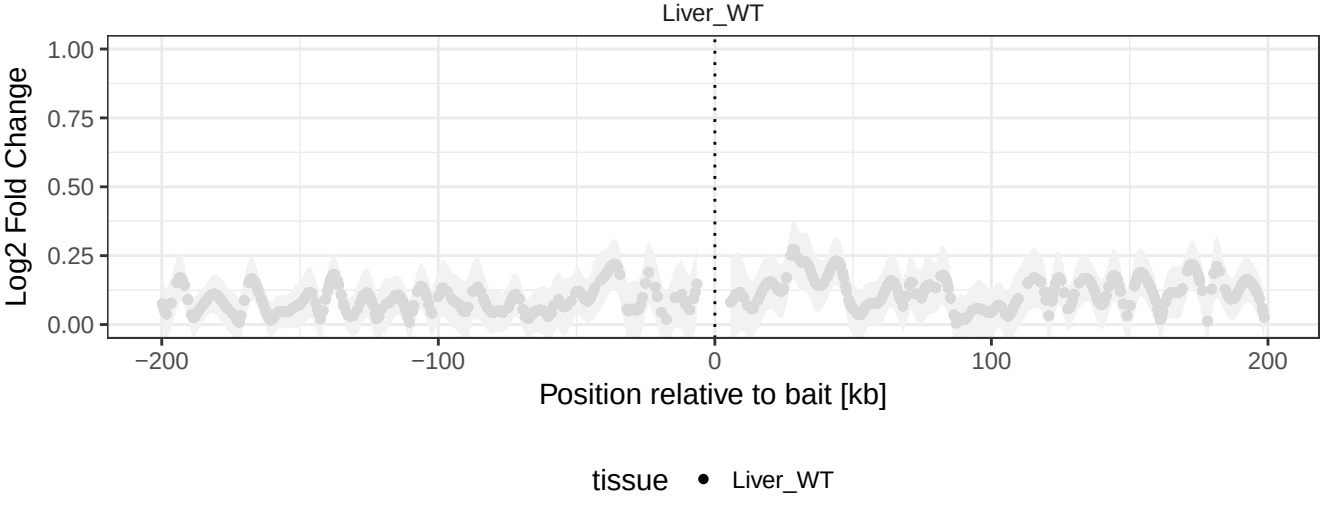

Fragment range: 15500 to 24500
Log10 Signal
0.36
0.32
0.28
0.24
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

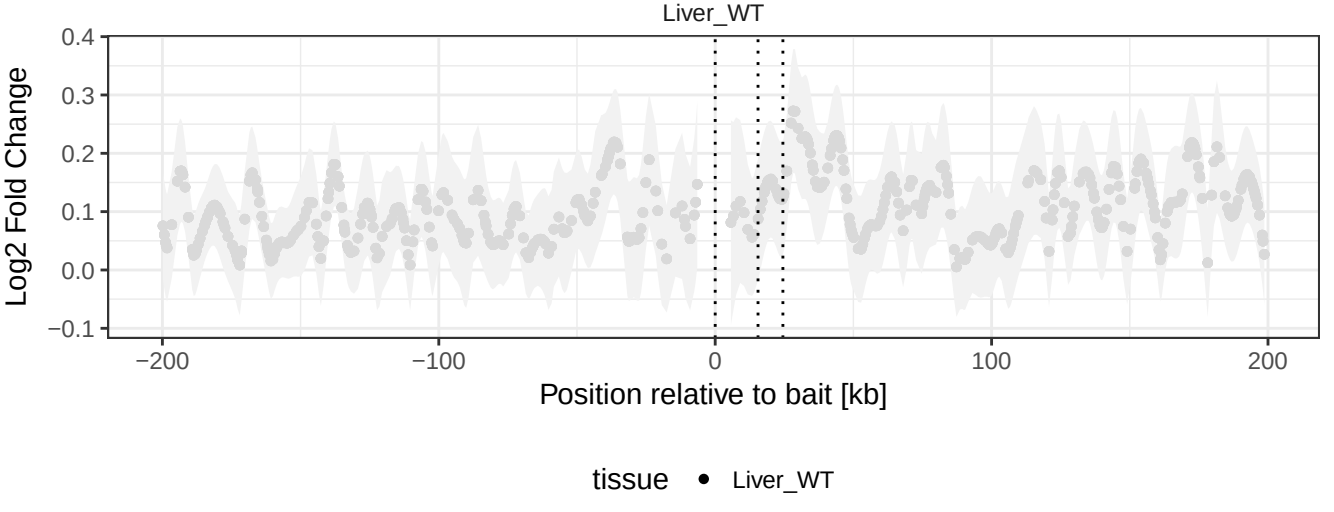

Fragment range: 15500 to 24500
Liver_WT Pval=1.8e−07 Phase=2.6 Log2FC=0.13
0.45
0.40
0.35
0.30
0.25
Log10 Signal
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

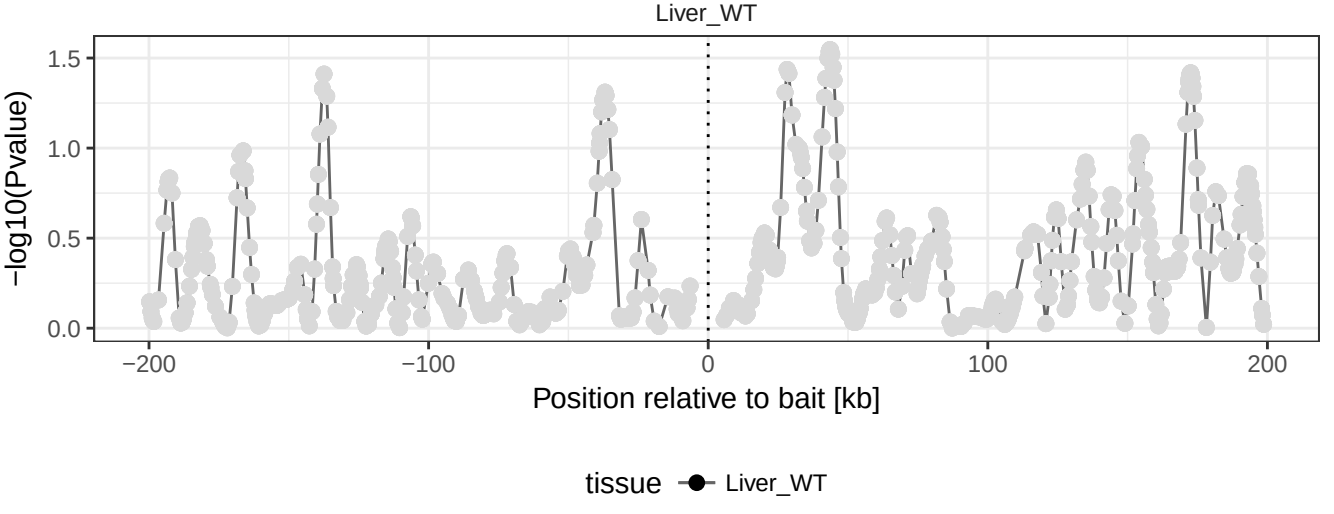

Fragment range: 15500 to 24500
0.45
0.40
0.35
0.30
0.25
Log10 Signal
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

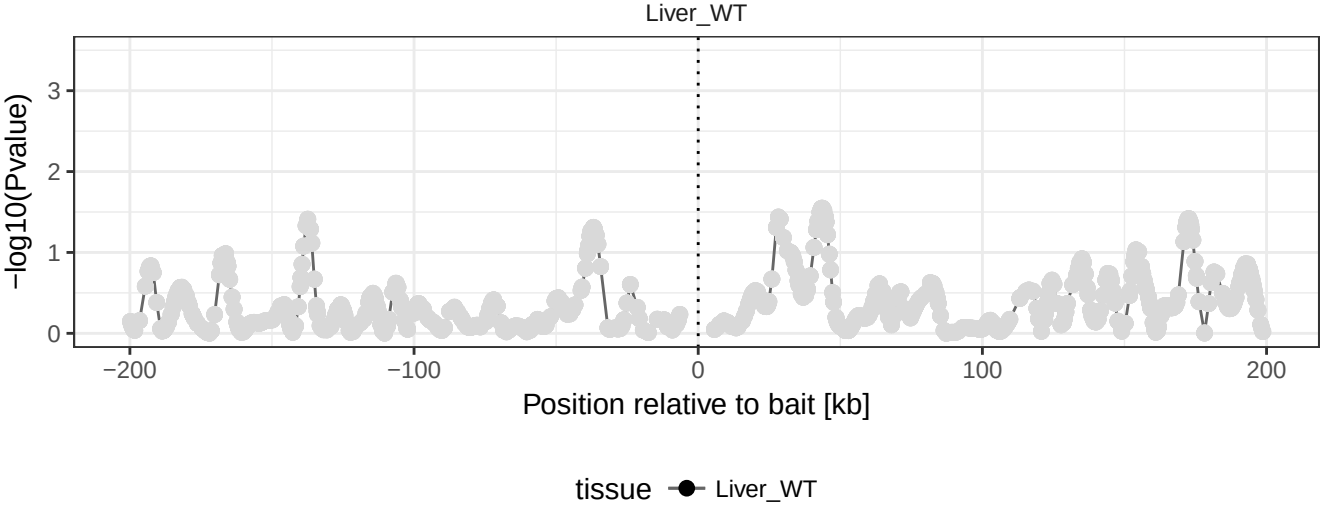

Fragment range: 15500 to 24500
Best frag:24435 Pval=0.046,Phase=0.93,Amp=0.062
Log10 Signal
0.375
0.350
0.325
0.300
0
4
8
12
16
20
Time [ZT]
genotype
Liver_WT

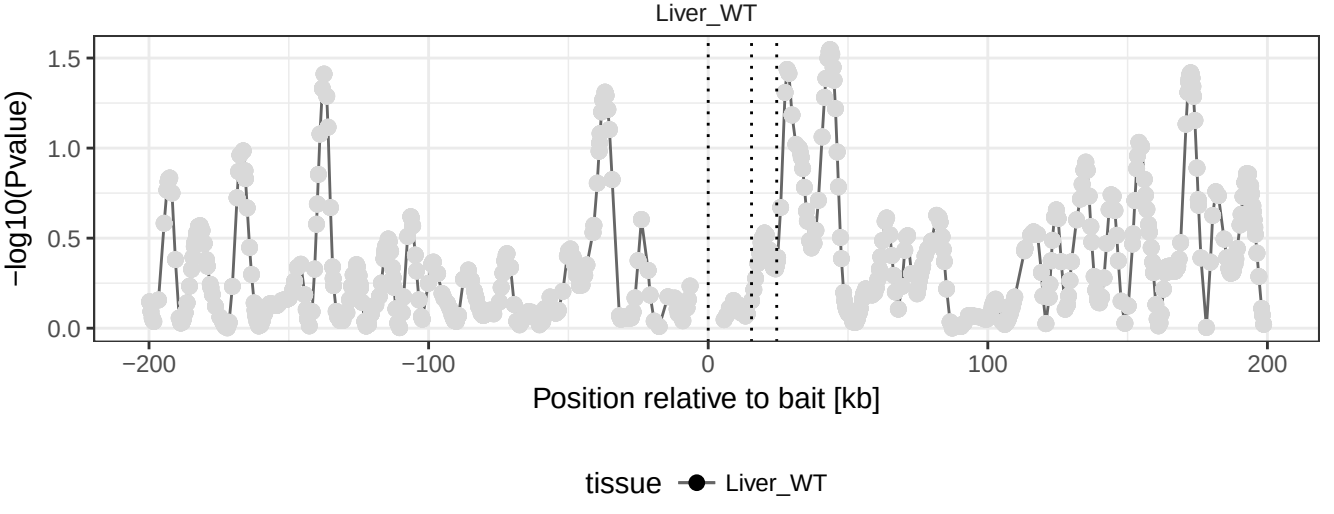

Liver_WT
Log2 Fold Change
0.4
0.3
0.2
0.1
0.0
−0.1
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

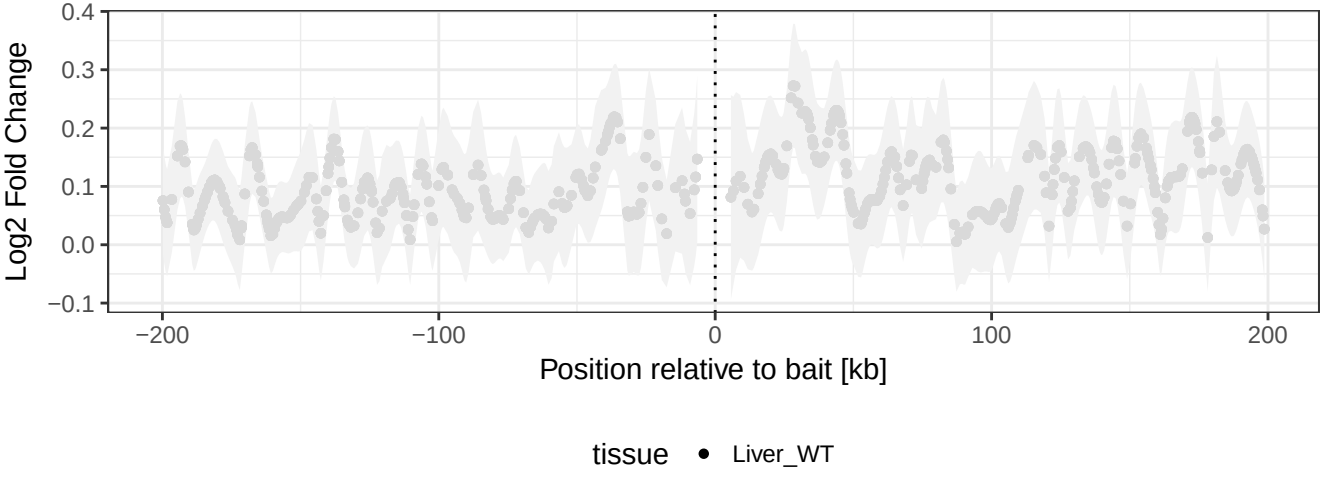

Liver_WT
1.00
0.75
0.50
0.25
0.00
Log2 Fold Change
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

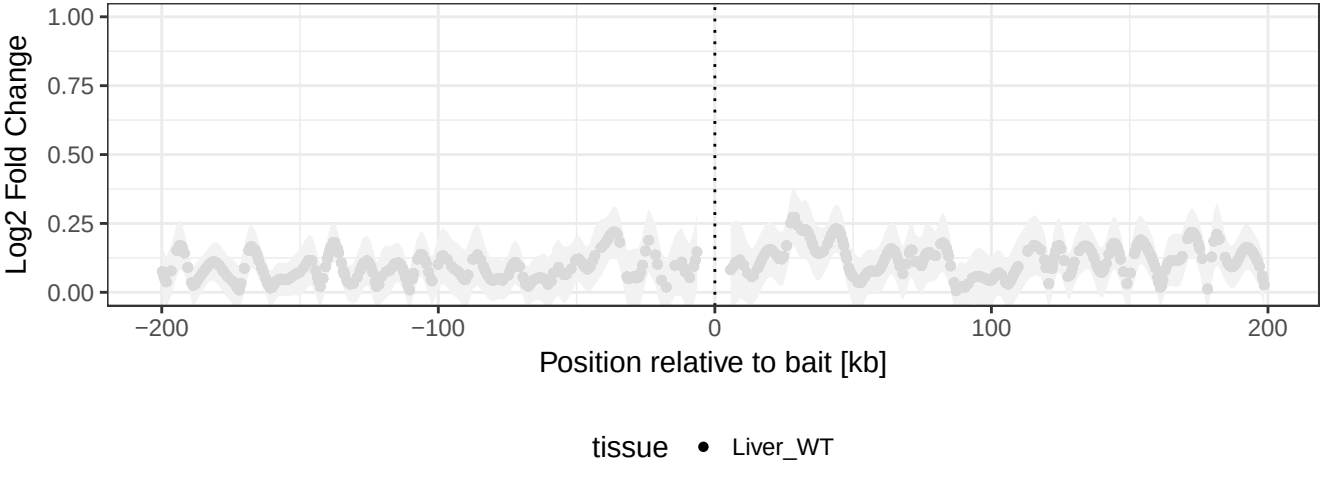

Liver_WT
Log2 Fold Change
0.4
0.3
0.2
0.1
0.0
−0.1
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

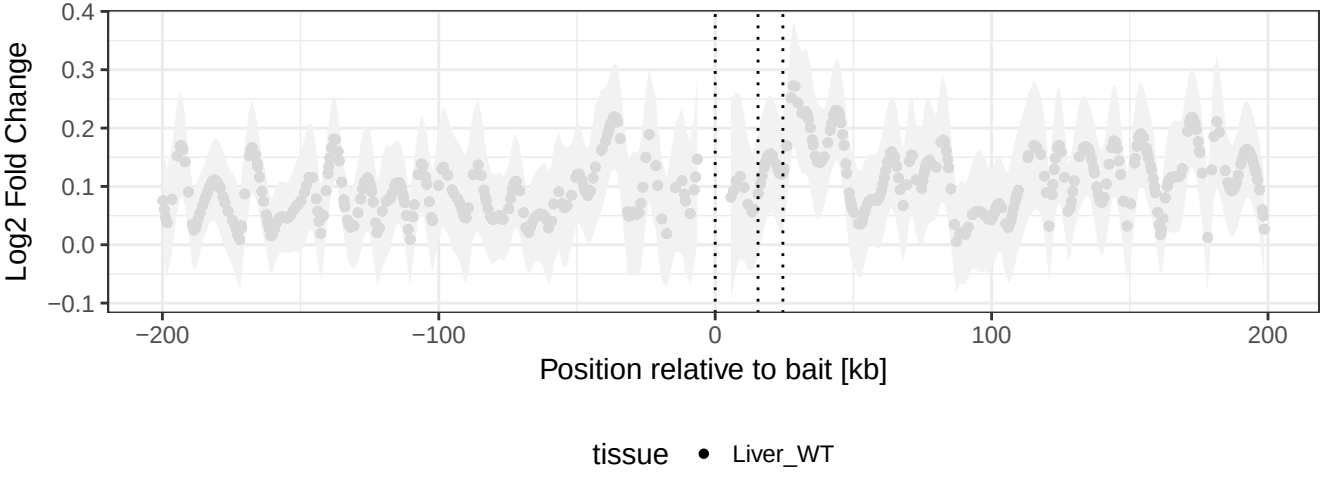

Liver_WT
−log10(Pvalue)
1.5
1.0
0.5
0.0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

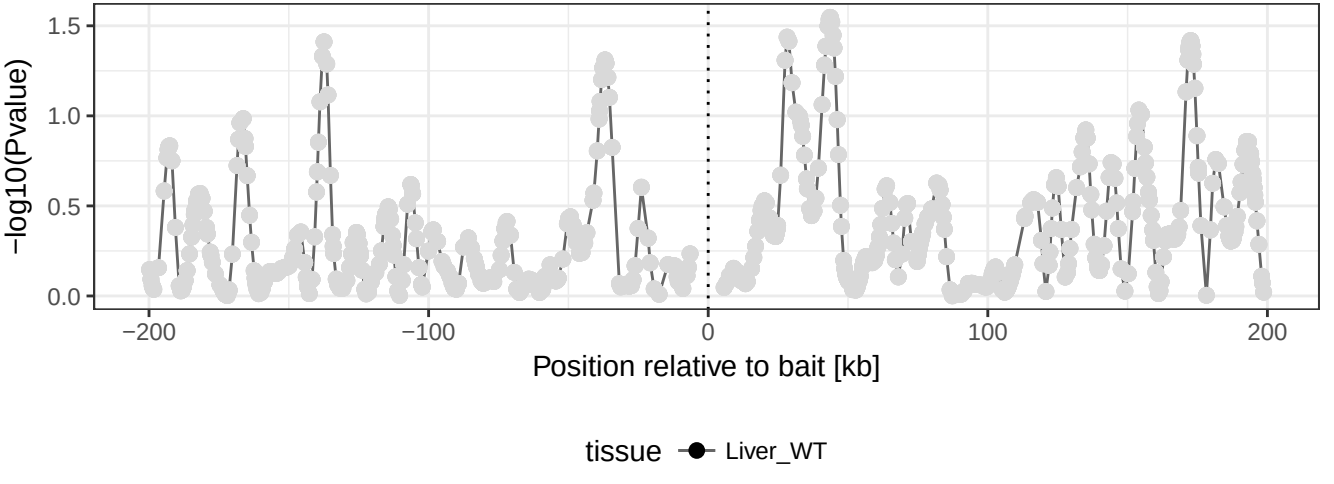

Liver_WT
−log10(Pvalue)
3
2
1
0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

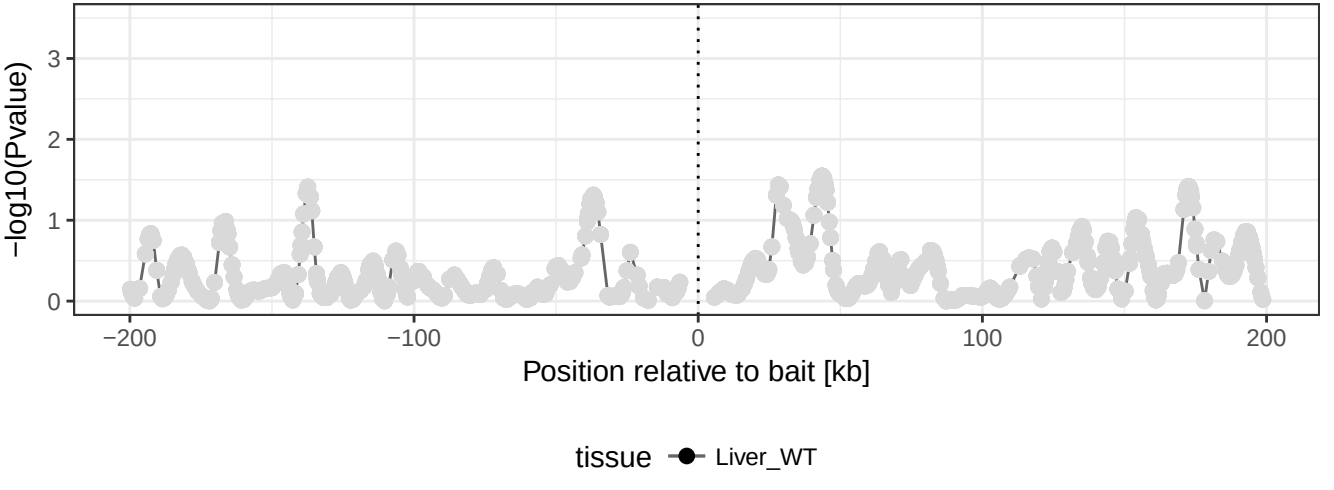

Liver_WT
−log10(Pvalue)
1.5
1.0
0.5
0.0
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT

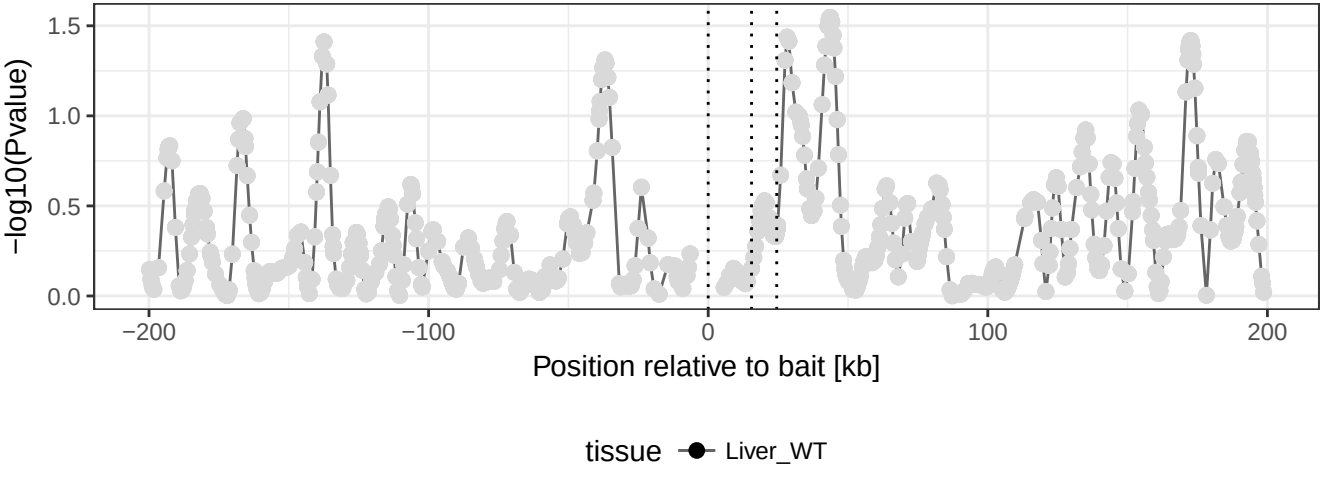

0.4
0.3
0.2
0.1
0.0
−0.1
Log2 Fold Change
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT


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
0.4
0.3
0.2
0.1
0.0
−0.1
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT


1.5
1.0
0.5
0.0
−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


1.5
1.0
0.5
0.0
−log10(Pvalue)
−200
−100
0
100
200
Position relative to bait [kb]
tissue
Liver_WT