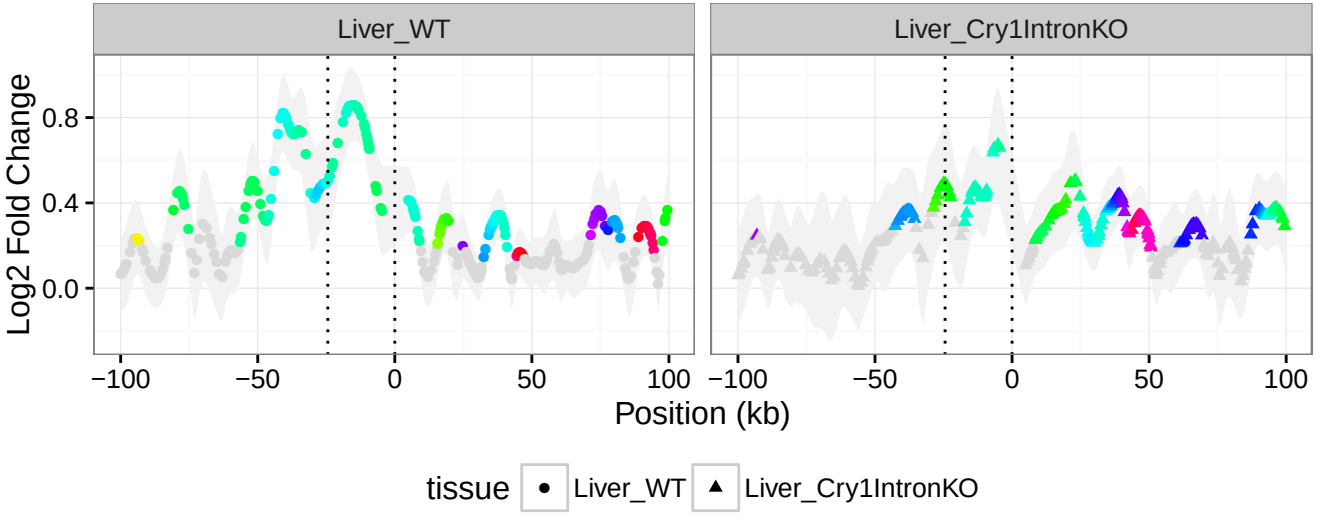
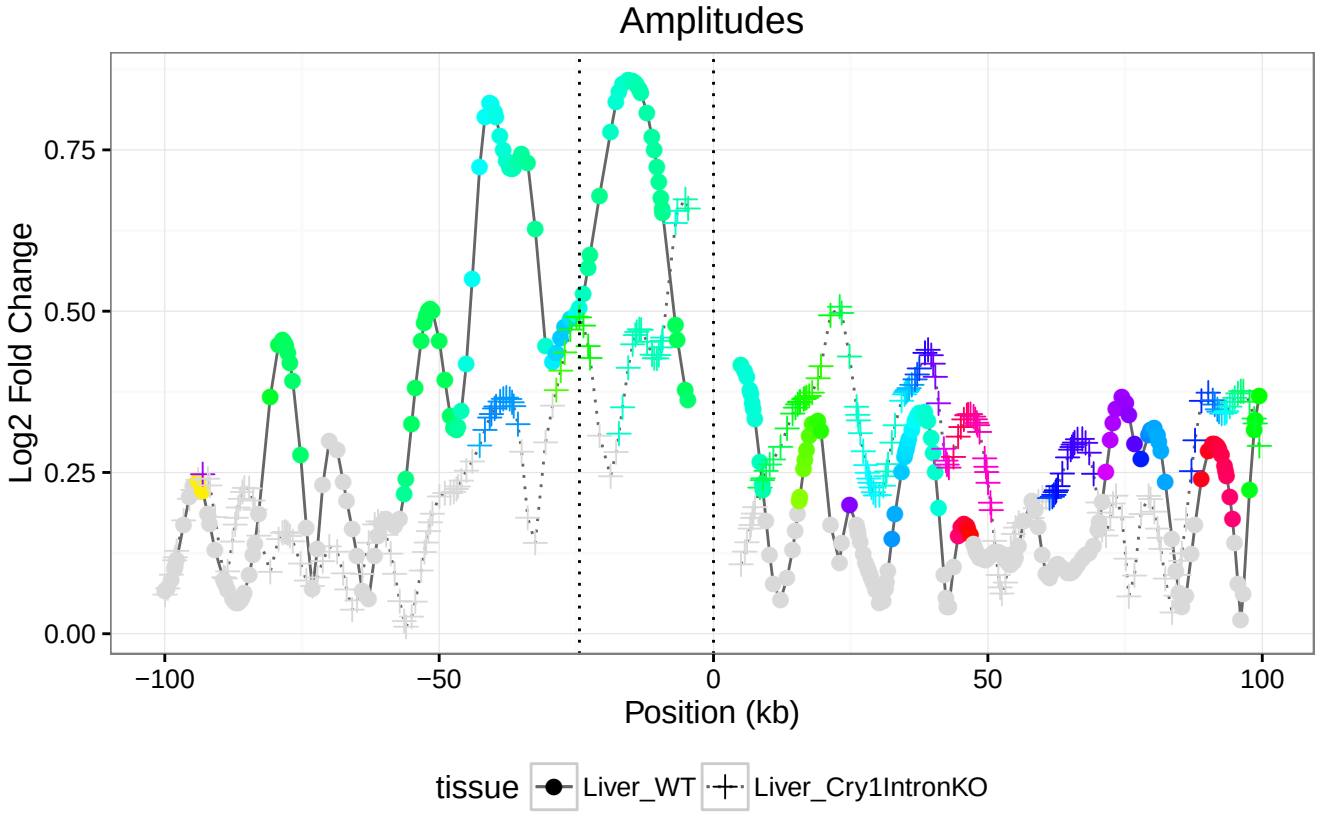
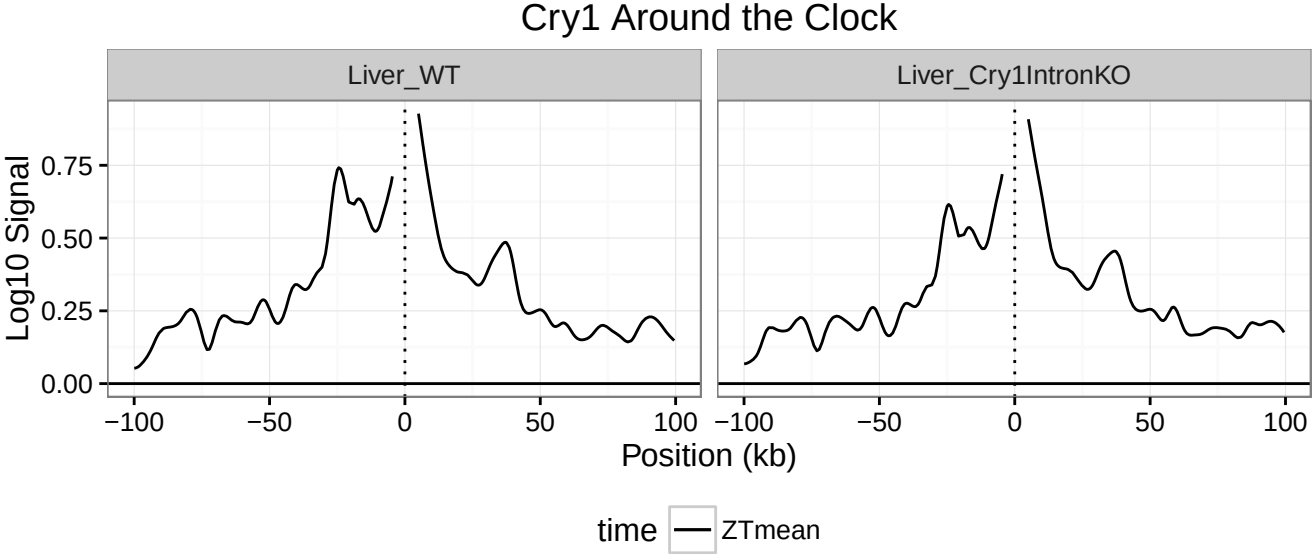
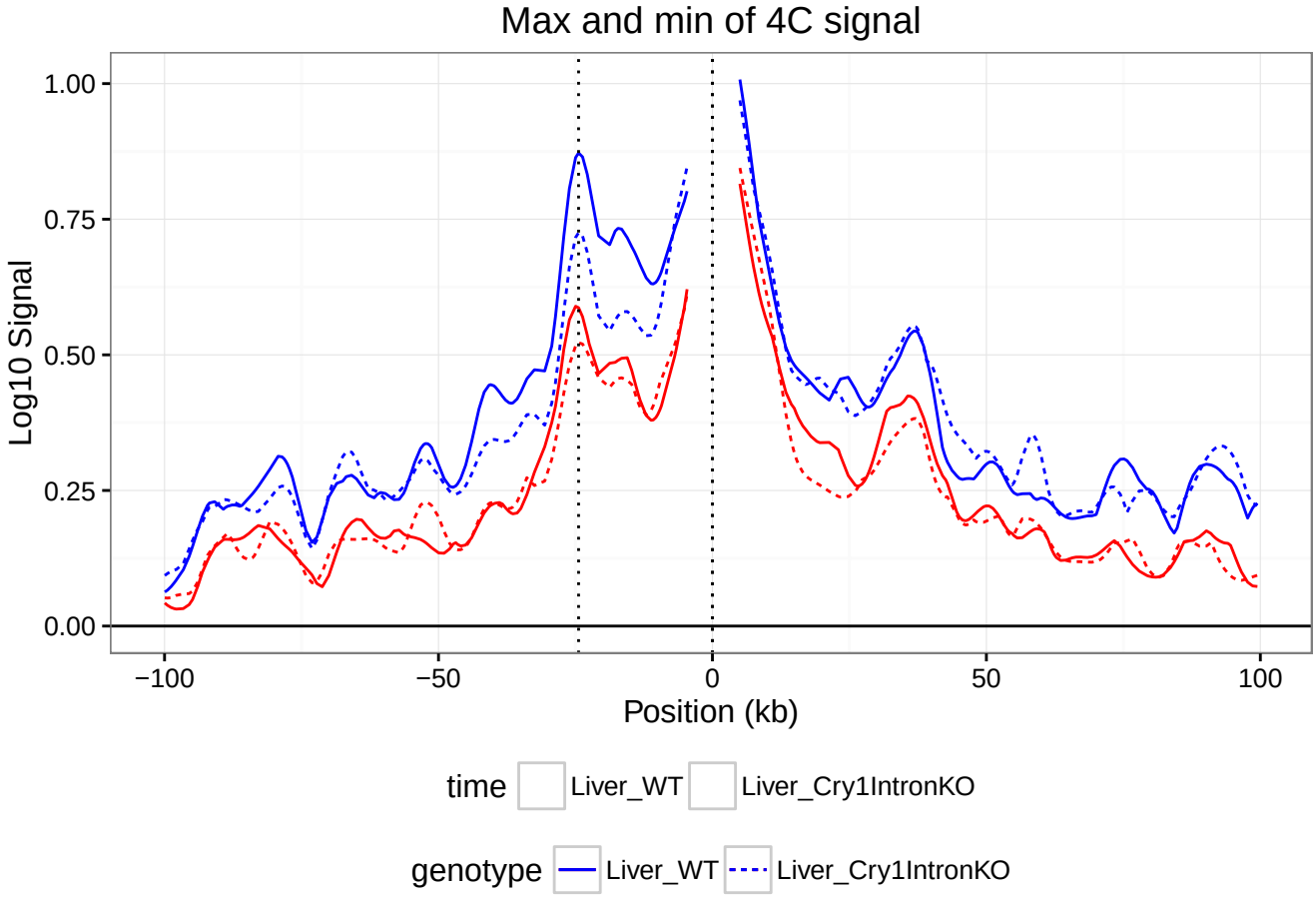
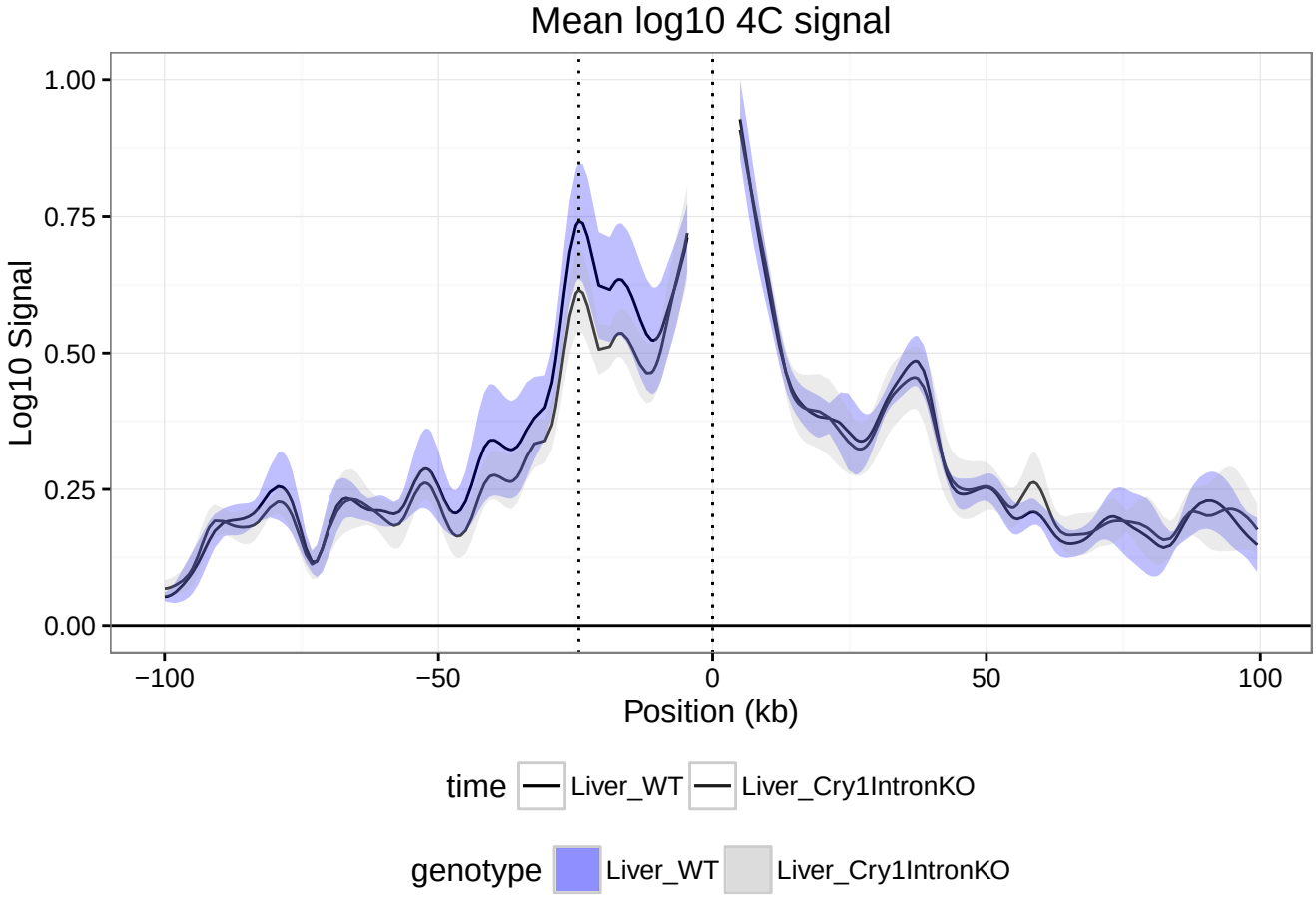
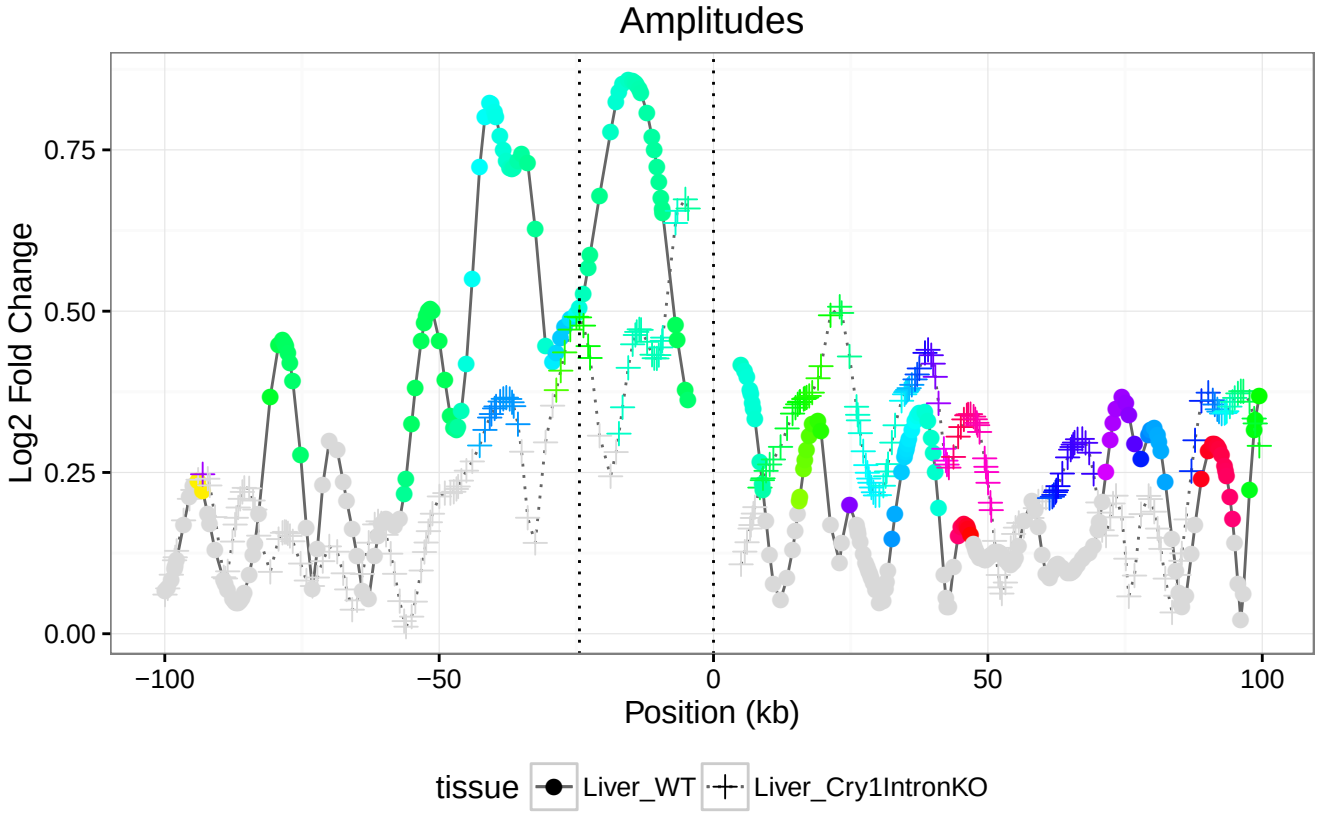

Liver_WT
Liver_Cry1IntronKO
Log2 Fold Change
0.8
0.4
0.0
−100
−50
0
50
100
Position (kb)
tissue
Liver_WT
Liver_Cry1IntronKO

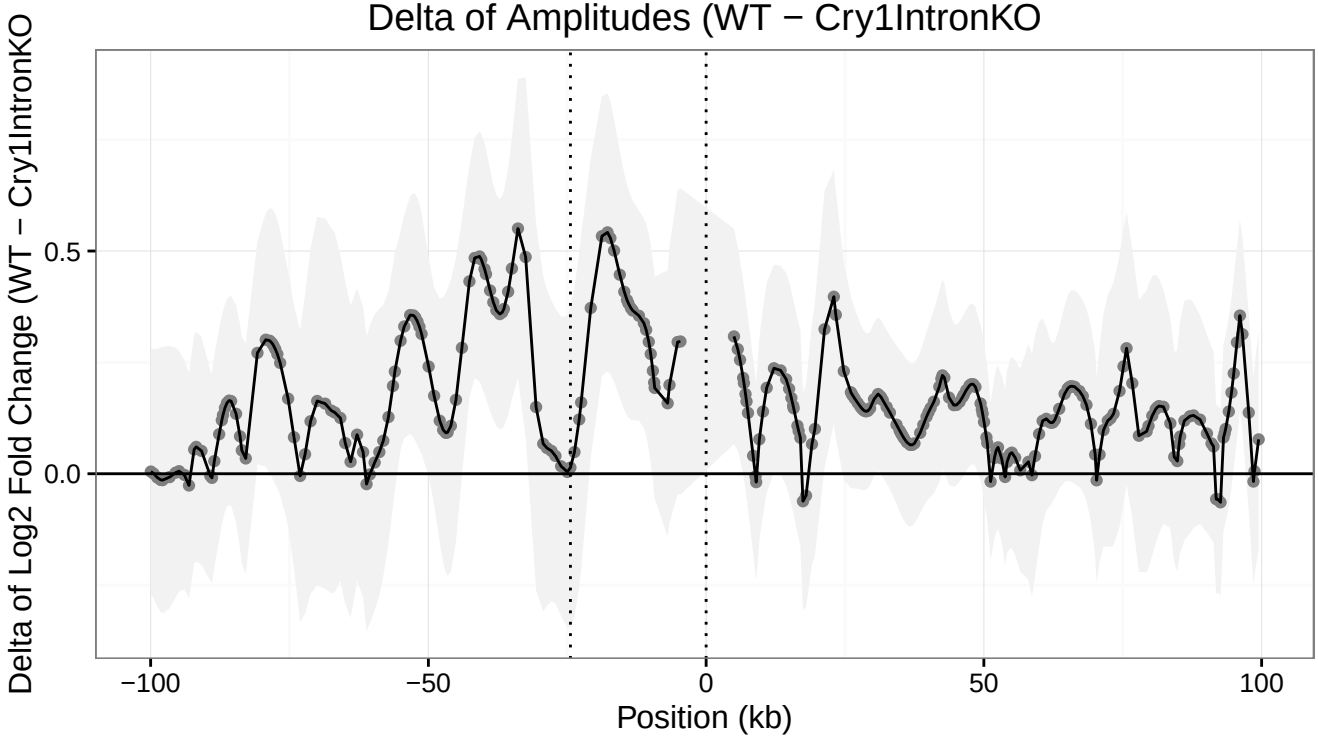

Amplitudes
Log2 Fold Change
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position (kb)
tissue
Liver_WT
Liver_Cry1IntronKO

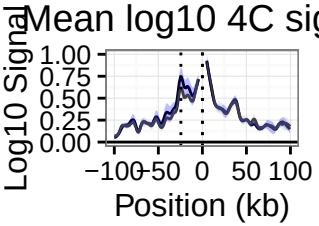

Cry1 Around the Clock
Liver_WT
Liver_Cry1IntronKO
Log10 Signal
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position (kb)
time
ZTmean

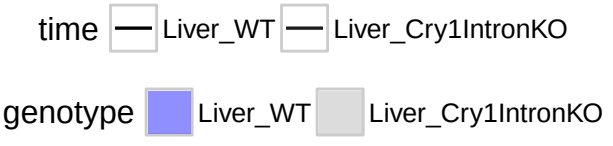

Max and min of 4C signal
Log10 Signal
1.00
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position (kb)
time
Liver_WT
Liver_Cry1IntronKO
genotype
Liver_WT
Liver_Cry1IntronKO

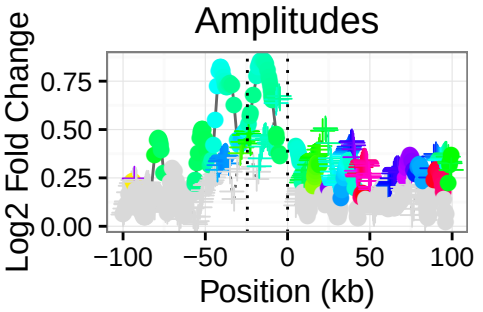

Mean log10 4C signal
1.00
0.75
0.50
0.25
0.00
Log10 Signal
−100
−50
0
50
100
Position (kb)
time
Liver_WT
Liver_Cry1IntronKO
genotype
Liver_WT
Liver_Cry1IntronKO


Amplitudes
Log2 Fold Change
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position (kb)
tissue
Liver_WT
Liver_Cry1IntronKO

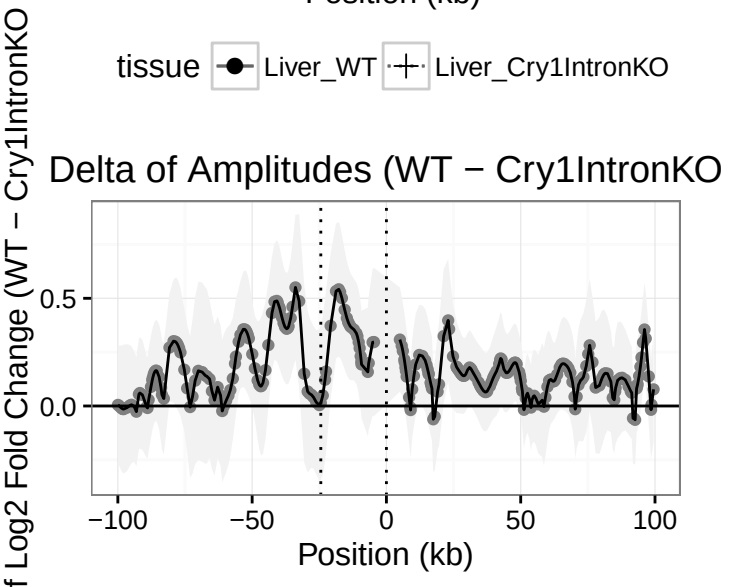

Delta of Amplitudes (WT − Cry1IntronKO
Delta of Log2 Fold Change (WT − Cry1IntronKO
0.5
0.0
−100
−50
0
50
100
Position (kb)

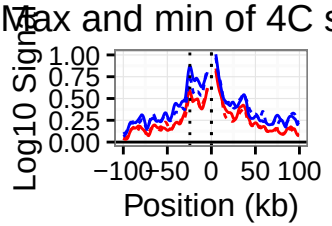

Mean log10 4C signal
Log10 Signal
1.00
0.75
0.50
0.25
0.00
−100 −50 0 50 100
Position (kb)

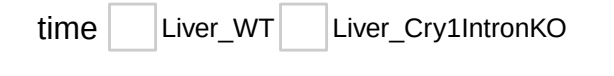

time
Liver_WT
Liver_Cry1IntronKO
genotype
Liver_WT
Liver_Cry1IntronKO

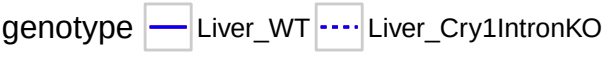

Amplitudes
Log2 Fold Change
0.75
0.50
0.25
0.00
−100 −50 0 50 100
Position (kb)

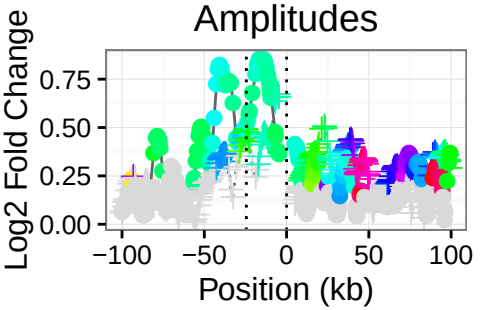
tissue
Liver_WT
Liver_Cry1IntronKO

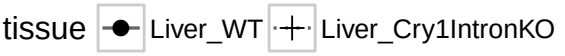

Delta of Amplitudes (WT − Cry1IntronKO
f Log2 Fold Change (WT − Cry1IntronKO
0.5
0.0
−100 −50 0 50 100
Position (kb)

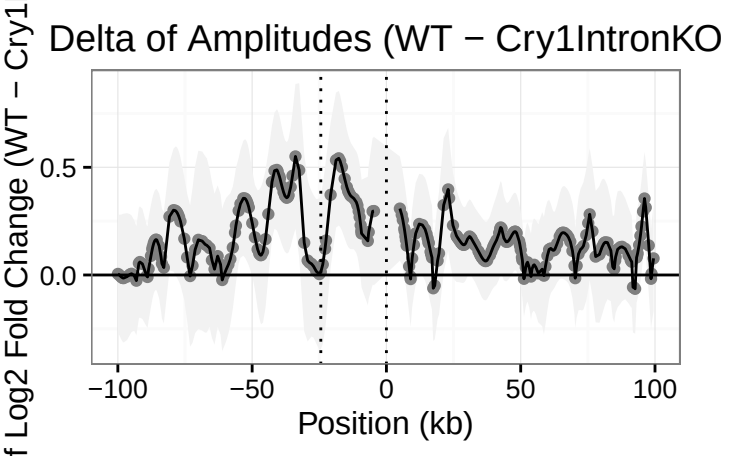

Max and min of 4C signal
Log10 Signal
1.00
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position (kb)

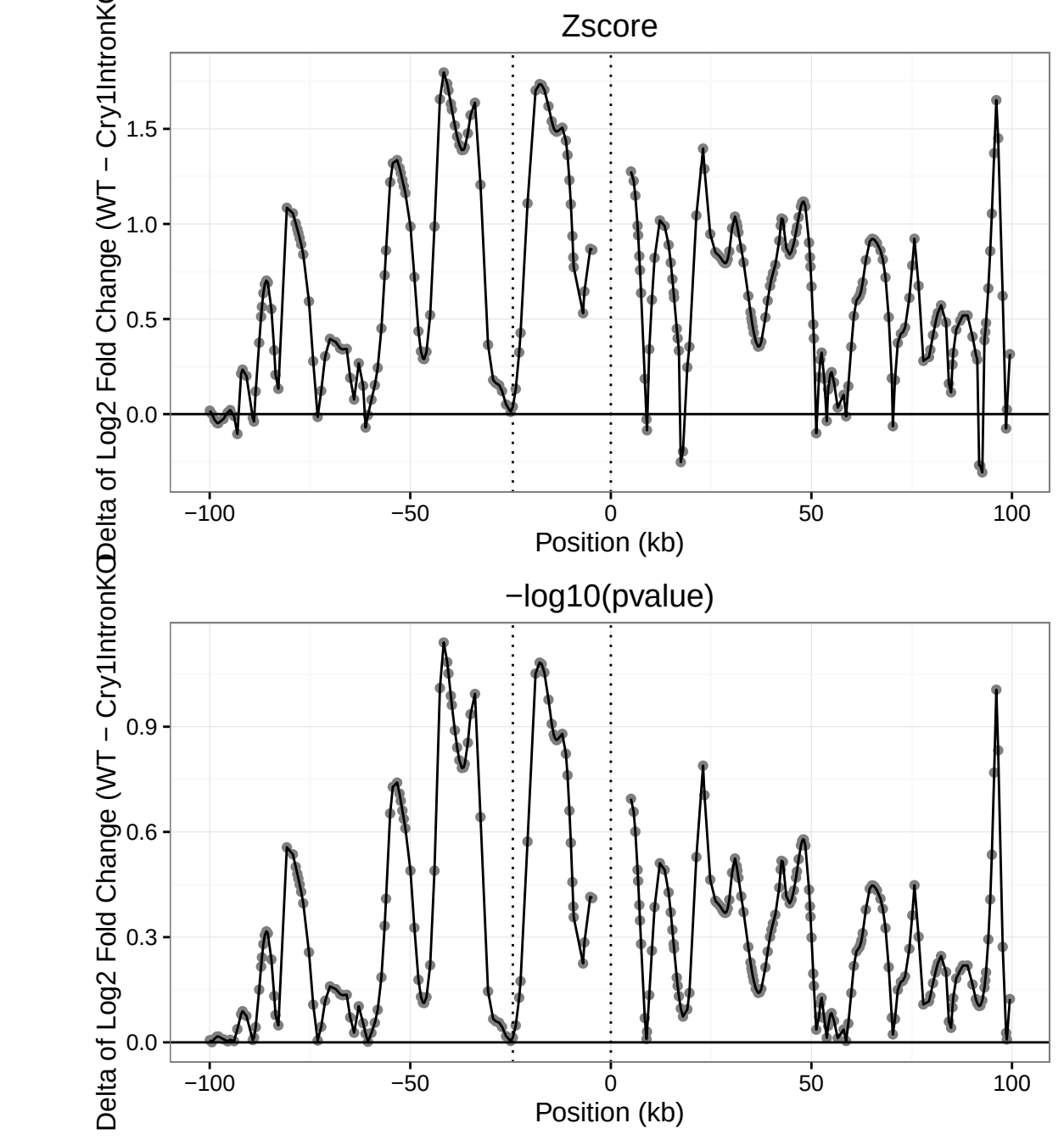

time
Liver_WT
Liver_Cry1IntronKO

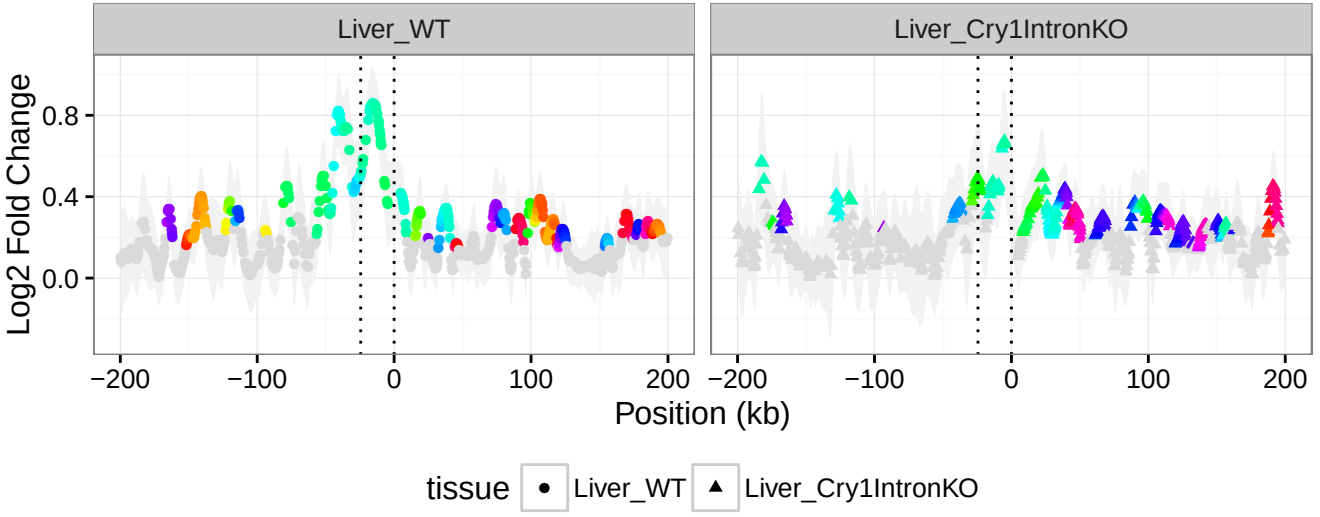

genotype
Liver_WT
Liver_Cry1IntronKO

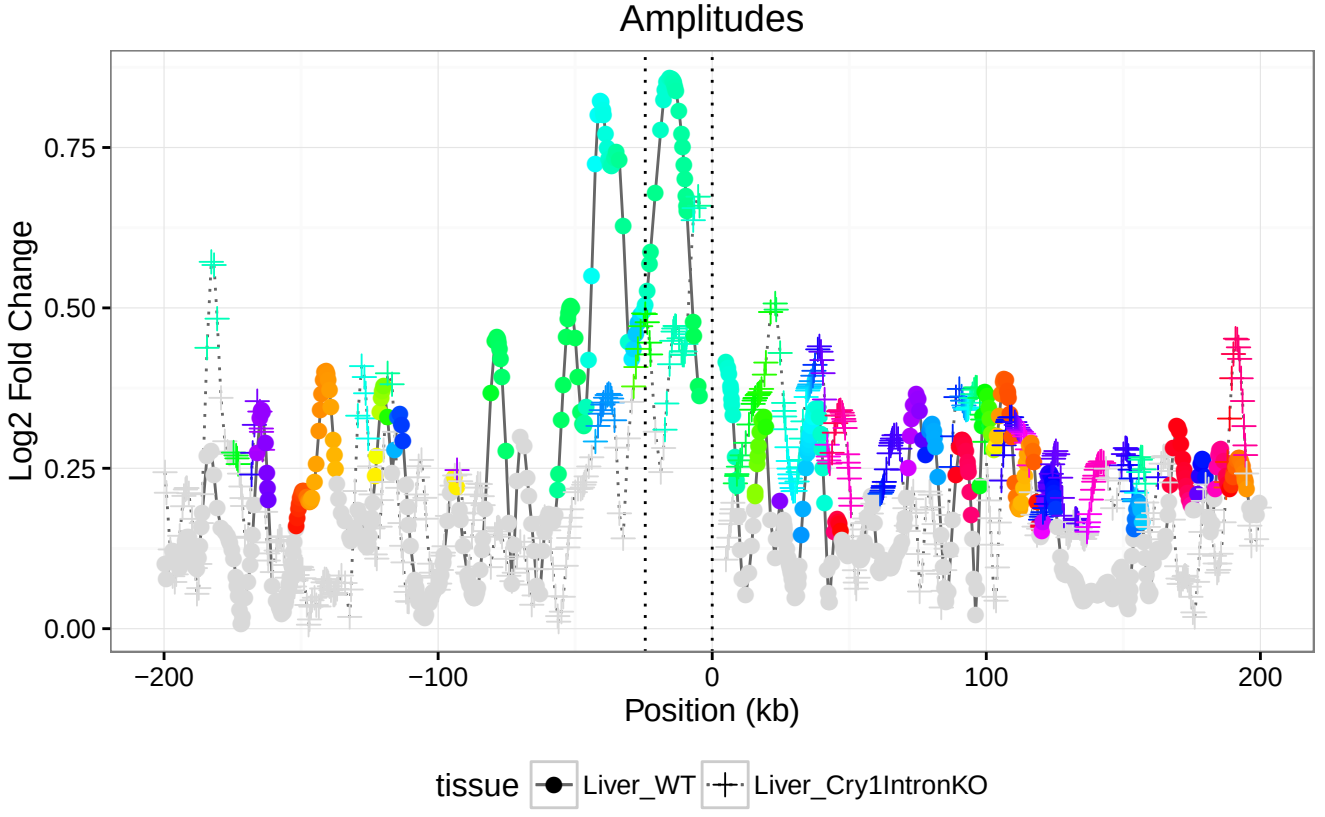

Amplitudes
Log2 Fold Change
0.75
0.50
0.25
0.00
−100
−50
0
50
100
Position (kb)

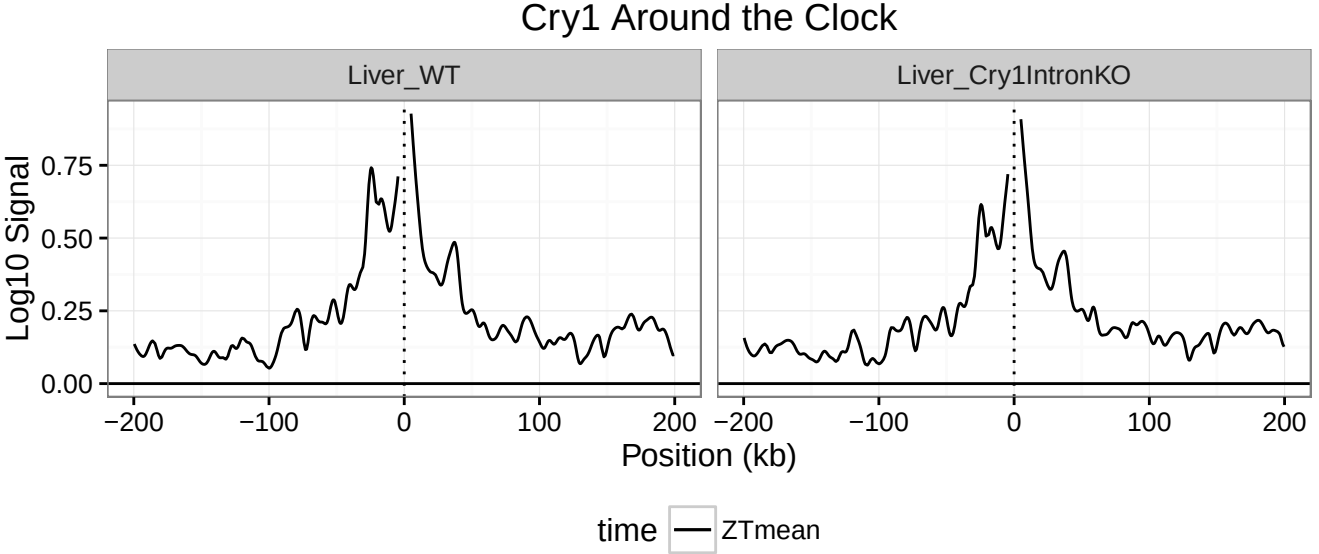

tissue
Liver_WT
Liver_Cry1IntronKO

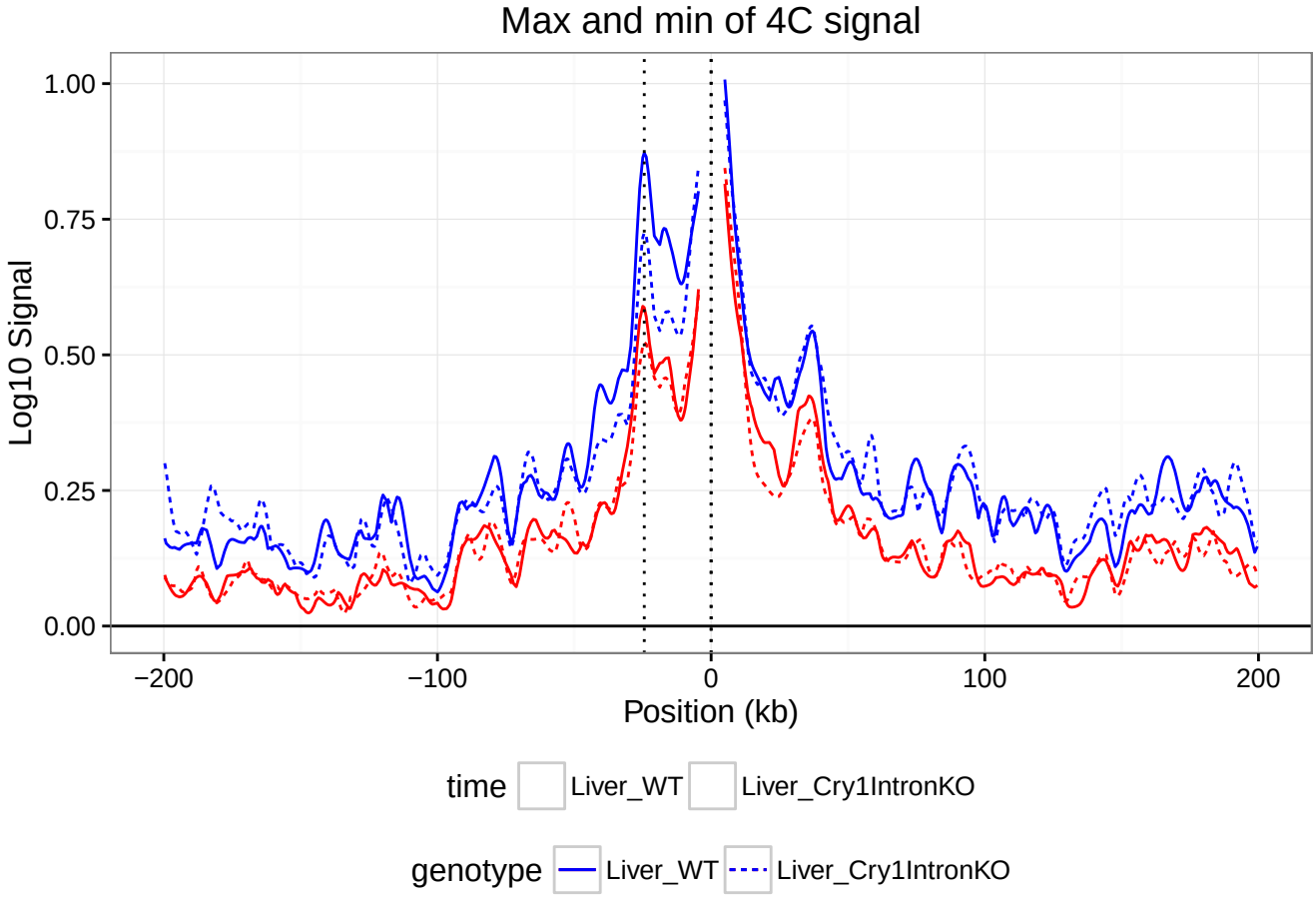

Delta of Amplitudes (WT − Cry1IntronKO
f Log2 Fold Change (WT − Cry1IntronKO
0.5
0.0
−100
−50
0
50
100
Position (kb)

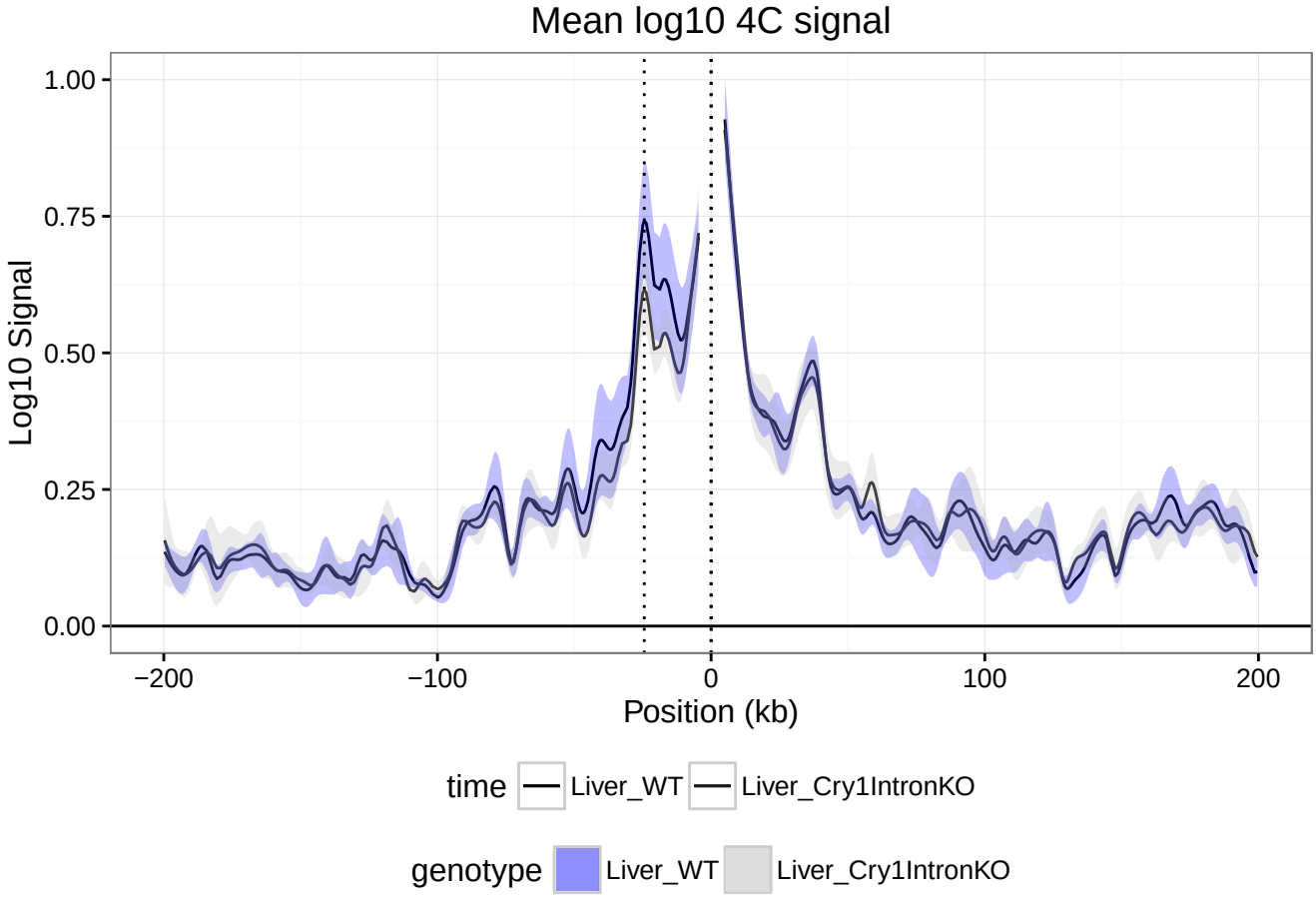

Zscore
Delta of Log2 Fold Change (WT − Cry1IntronKO)
1.5
1.0
0.5
0.0
−100
−50
0
50
100
Position (kb)
−log10(pvalue)
Delta of Log2 Fold Change (WT − Cry1IntronKO)
0.9
0.6
0.3
0.0
−100
−50
0
50
100
Position (kb)

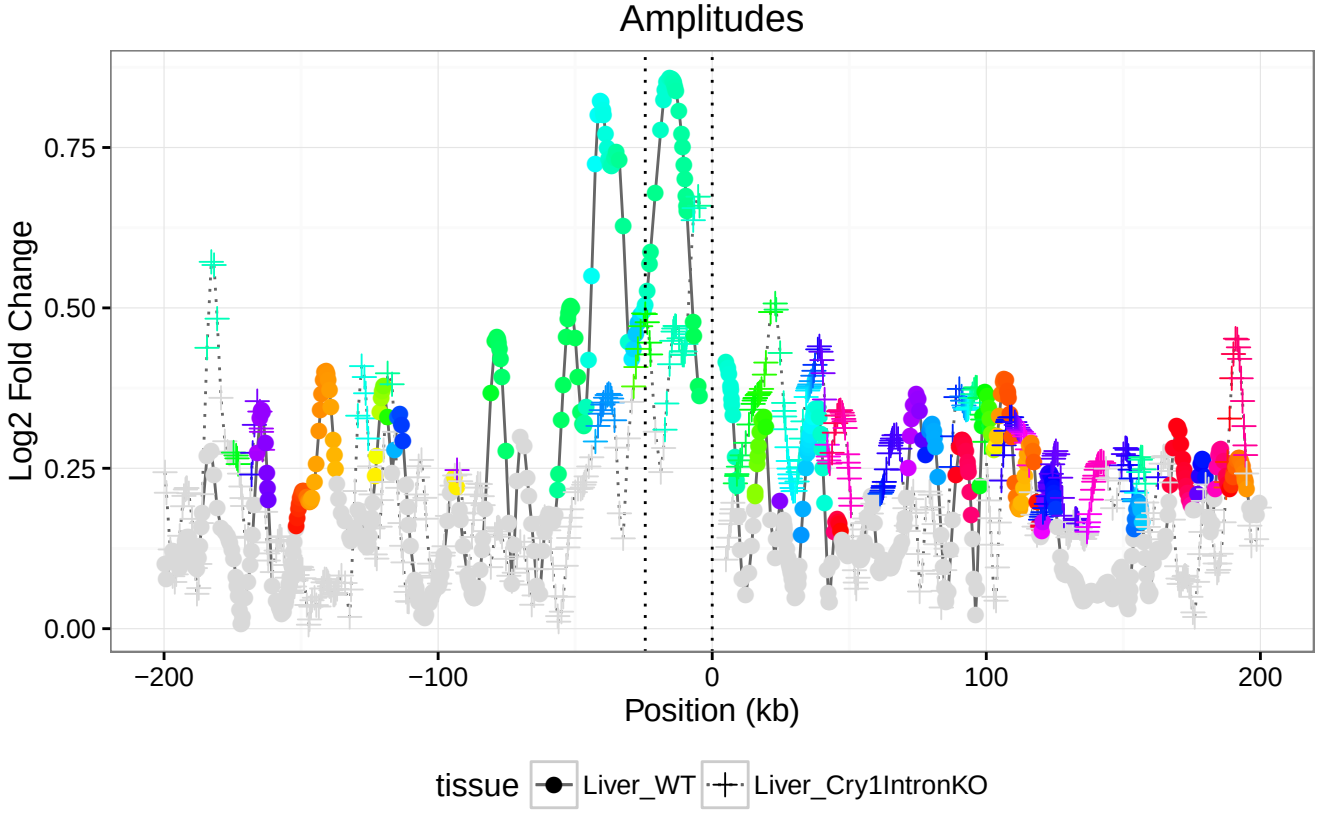

Liver_WT
Liver_Cry1IntronKO
Log2 Fold Change
0.8
0.4
0.0
−200
−100
0
100
200
Position (kb)
tissue
Liver_WT
Liver_Cry1IntronKO

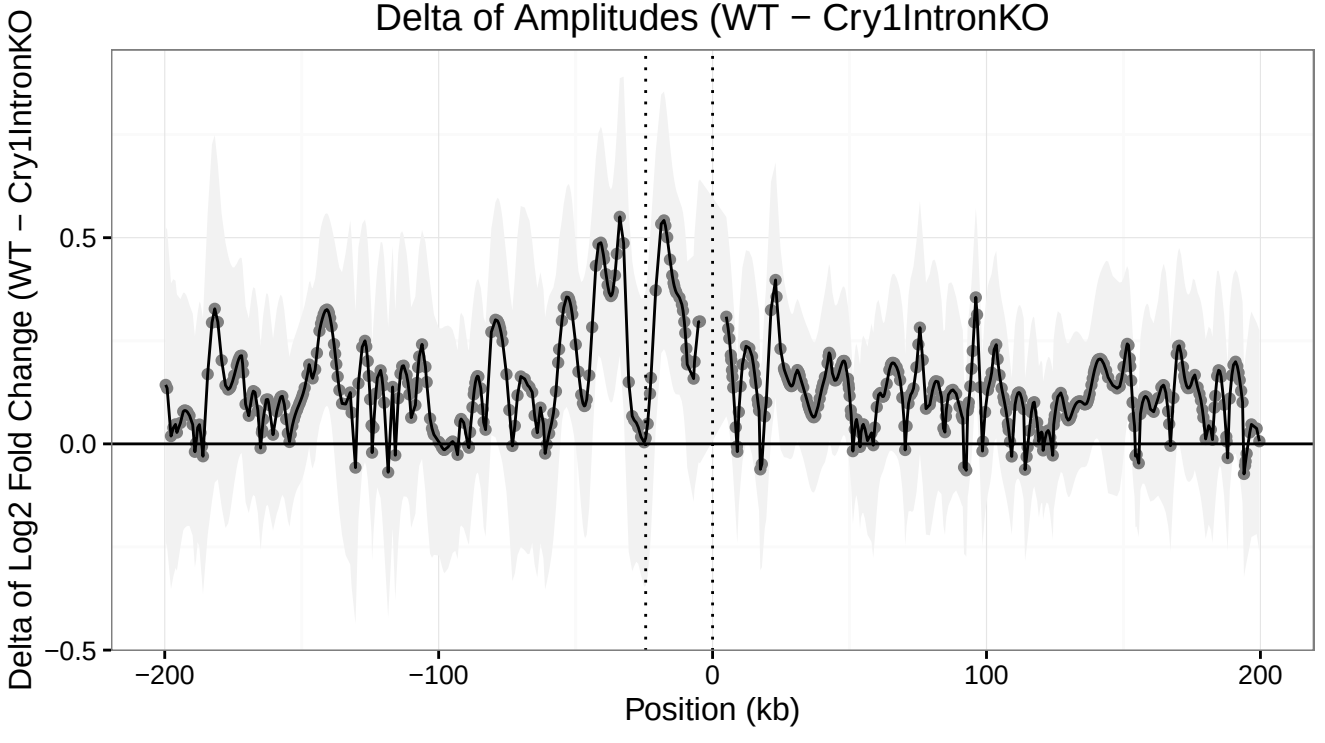

Amplitudes
Log2 Fold Change
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position (kb)
tissue
Liver_WT
Liver_Cry1IntronKO

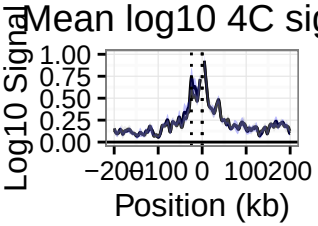

Cry1 Around the Clock
Liver_WT
Liver_Cry1IntronKO
Log10 Signal
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position (kb)
time
ZTmean

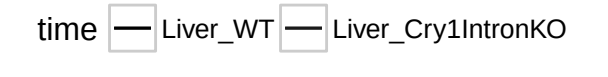

Max and min of 4C signal
Log10 Signal
1.00
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position (kb)
time
Liver_WT
Liver_Cry1IntronKO
genotype
Liver_WT
Liver_Cry1IntronKO


Mean log10 4C signal
Log10 Signal
1.00
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position (kb)
time
Liver_WT
Liver_Cry1IntronKO
genotype
Liver_WT
Liver_Cry1IntronKO

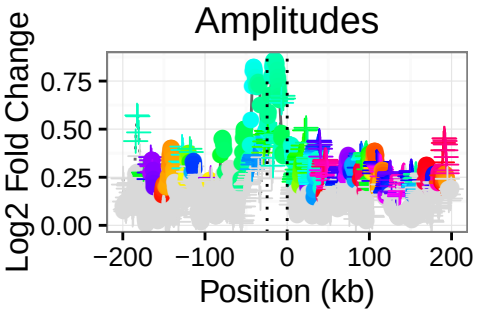

Amplitudes
Log2 Fold Change
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position (kb)
tissue
Liver_WT
Liver_Cry1IntronKO


Delta of Amplitudes (WT − Cry1IntronKO
Delta of Log2 Fold Change (WT − Cry1IntronKO
0.5
0.0
−0.5
−200
−100
0
100
200
Position (kb)

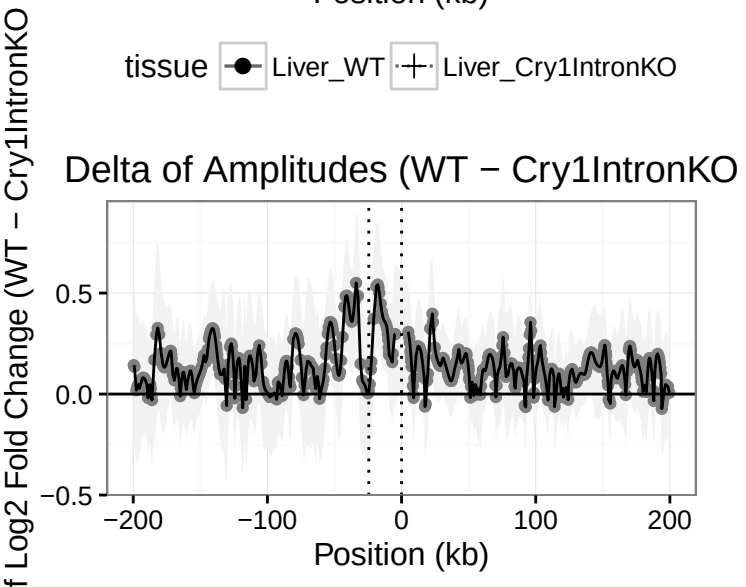

Mean log10 4C signal
Log10 Signal
1.00
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position (kb)

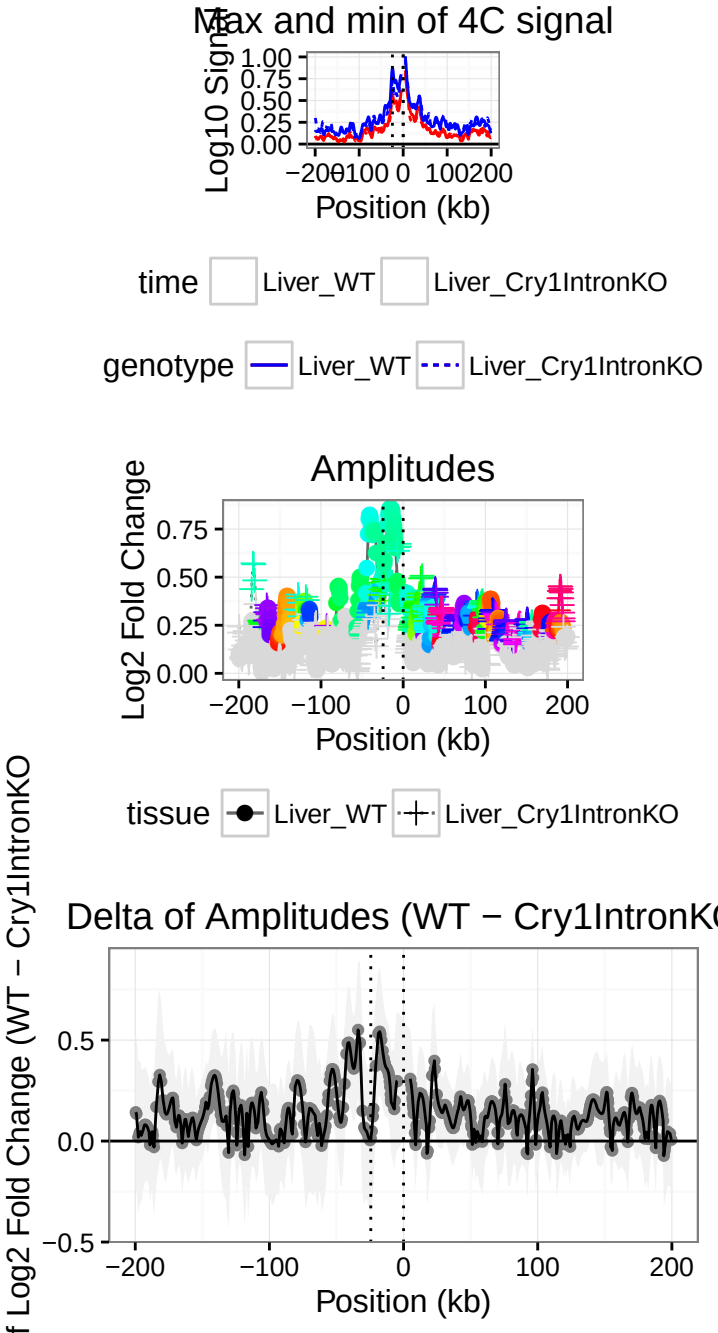

time
Liver_WT
Liver_Cry1IntronKO

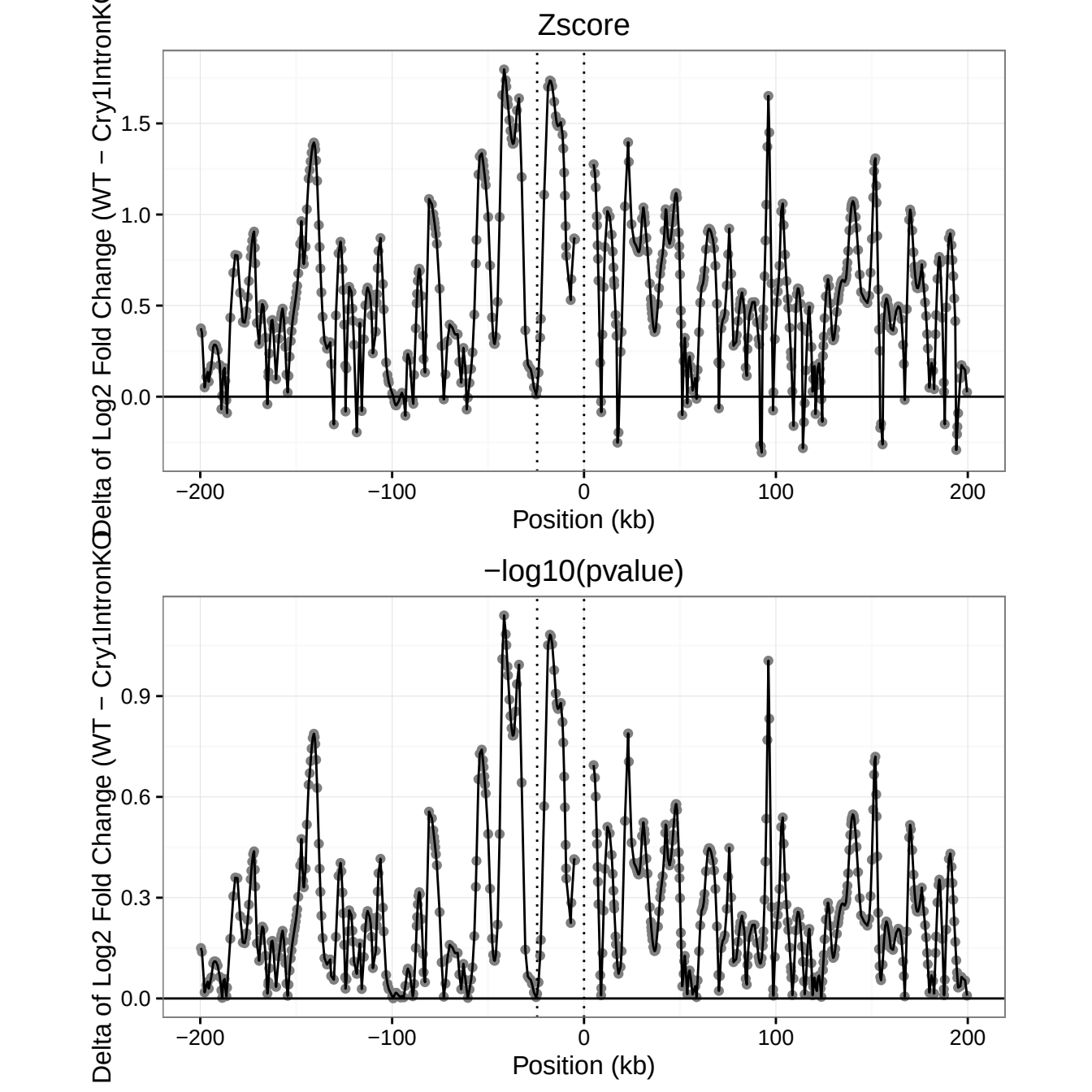
genotype
Liver_WT
Liver_Cry1IntronKO


Amplitudes
Log2 Fold Change
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position (kb)

tissue
Liver_WT
Liver_Cry1IntronKO


Delta of Amplitudes (WT − Cry1IntronKO
f Log2 Fold Change (WT − Cry1IntronKO
0.5
0.0
−0.5
−200
−100
0
100
200
Position (kb)


Max and min of 4C signal
Log10 Signal
1.00
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position (kb)
time
Liver_WT
Liver_Cry1IntronKO
genotype
Liver_WT
Liver_Cry1IntronKO
Amplitudes
Log2 Fold Change
0.75
0.50
0.25
0.00
−200
−100
0
100
200
Position (kb)
tissue
Liver_WT
Liver_Cry1IntronKO
Delta of Amplitudes (WT − Cry1IntronKO
f Log2 Fold Change (WT − Cry1IntronKO
0.5
0.0
−0.5
−200
−100
0
100
200
Position (kb)


Zscore
Delta of Log2 Fold Change (WT − Cry1IntronKO)
1.5
1.0
0.5
0.0
−200
−100
0
100
200
Position (kb)
−log10(pvalue)
Delta of Log2 Fold Change (WT − Cry1IntronKO)
0.9
0.6
0.3
0.0
−200
−100
0
100
200
Position (kb)