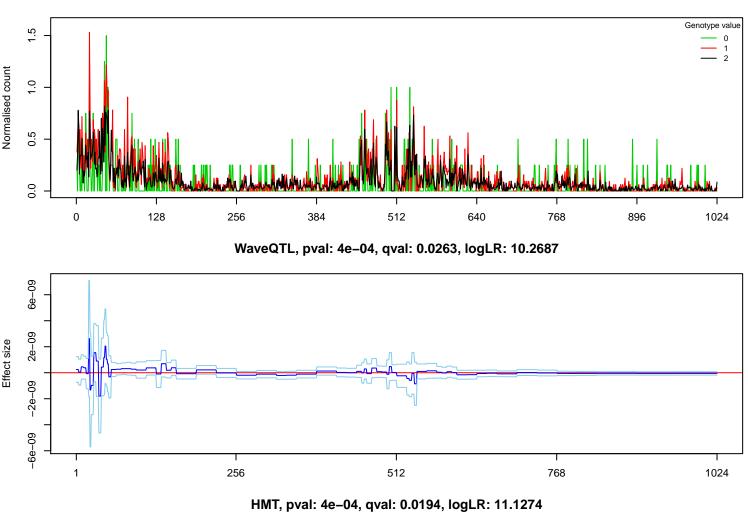
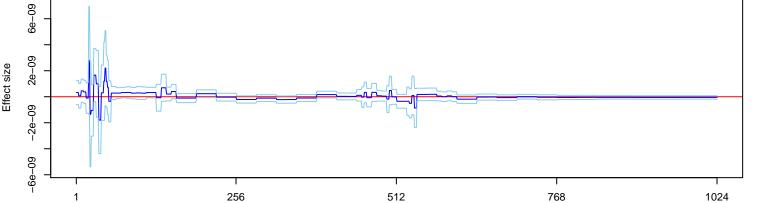
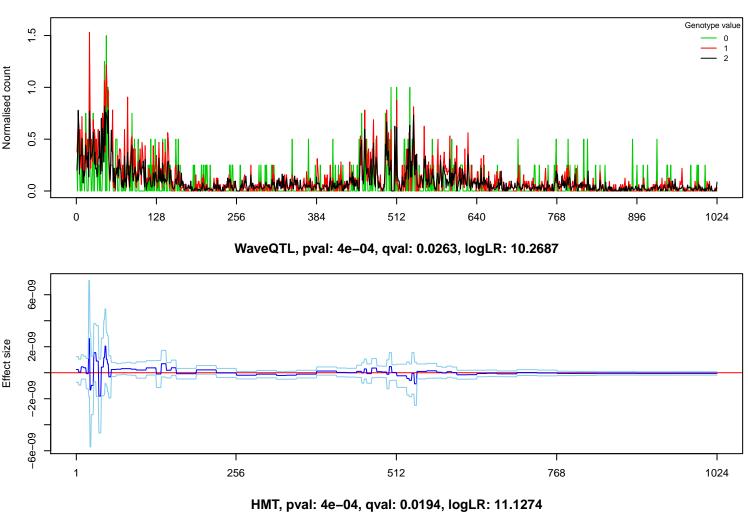
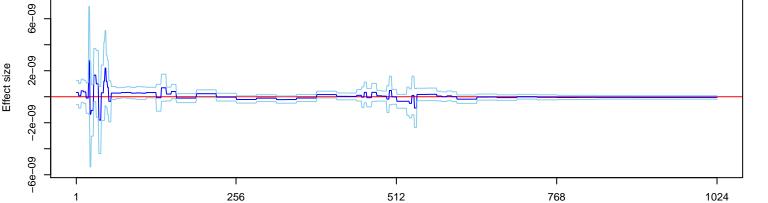
HMT strongest SNP - Chr: 11, Site: 1088, SNP: chr11.47153558



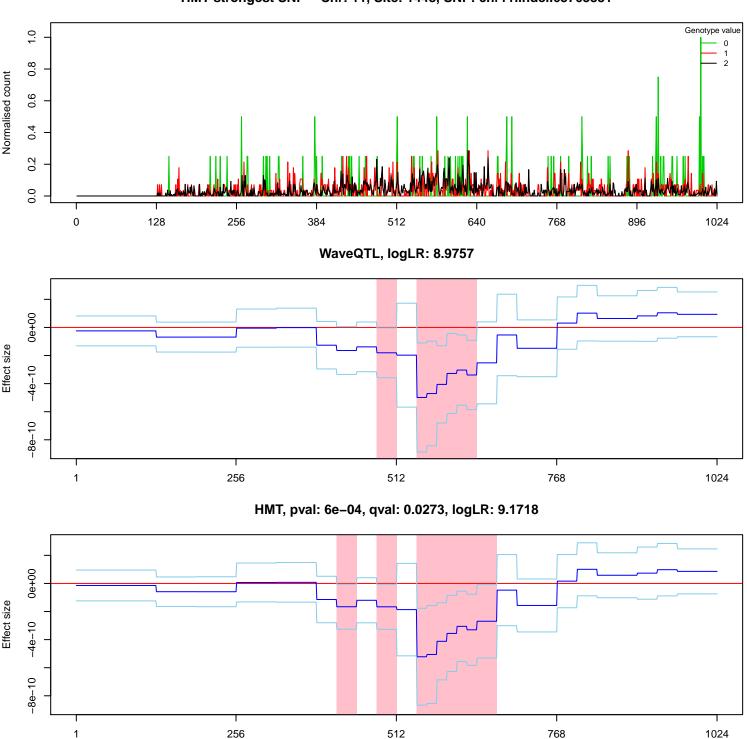


WaveQTL strongest SNP - Chr: 11, Site: 1088, SNP: chr11.47153558

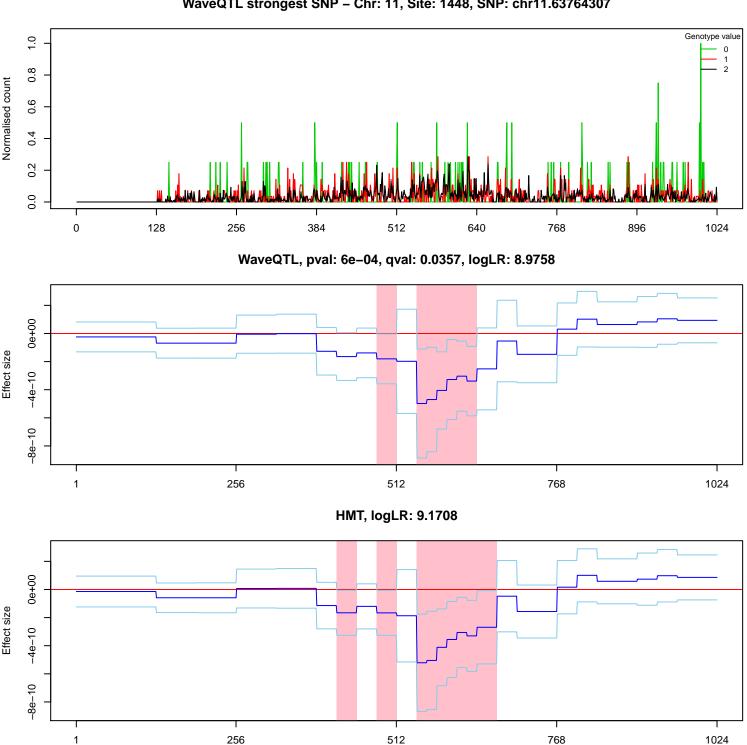




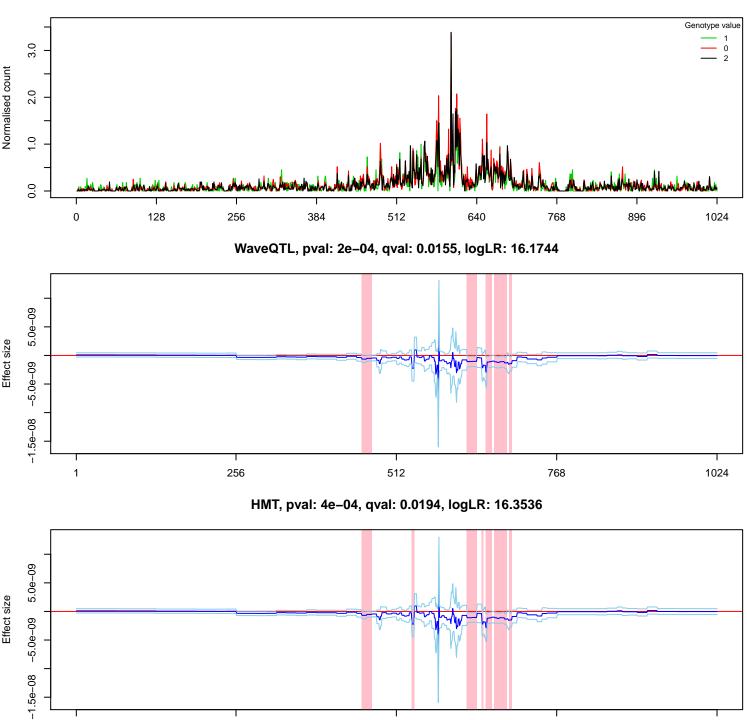
HMT strongest SNP - Chr: 11, Site: 1448, SNP: chr11.indel.63763831



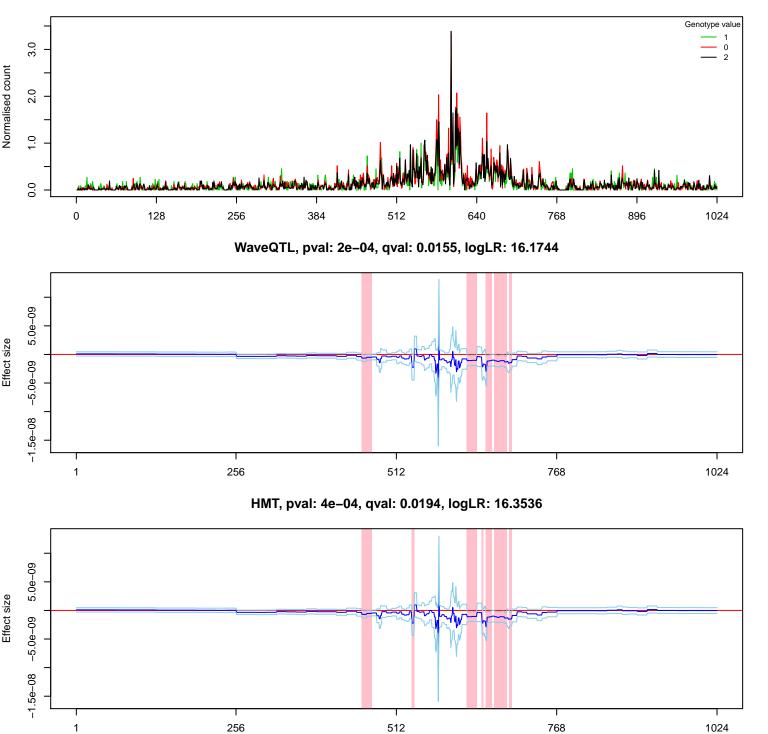
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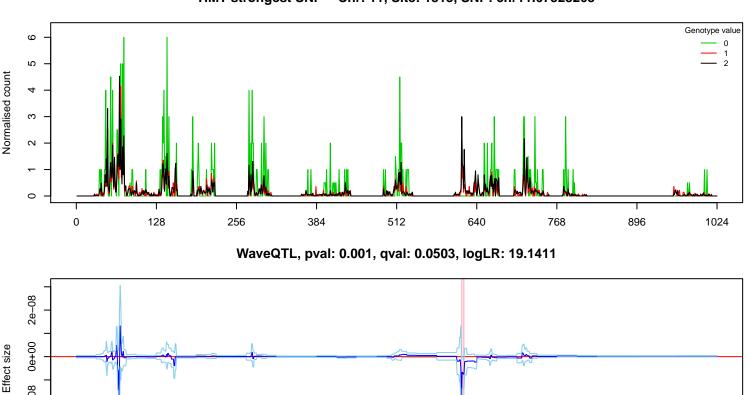
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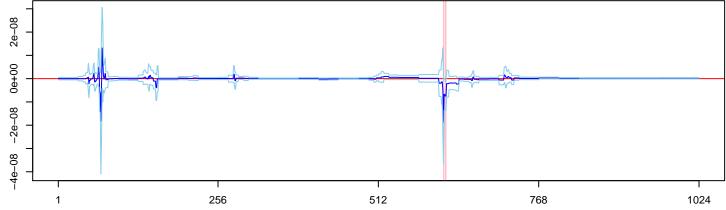


WaveQTL strongest SNP - Chr: 11, Site: 1717, SNP: chr11.66377959

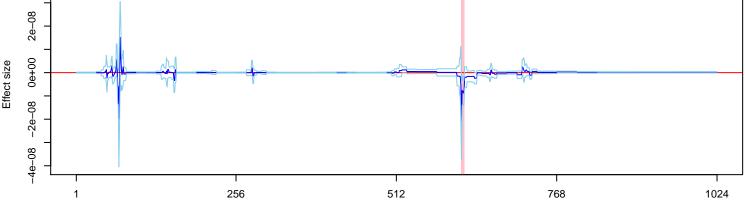


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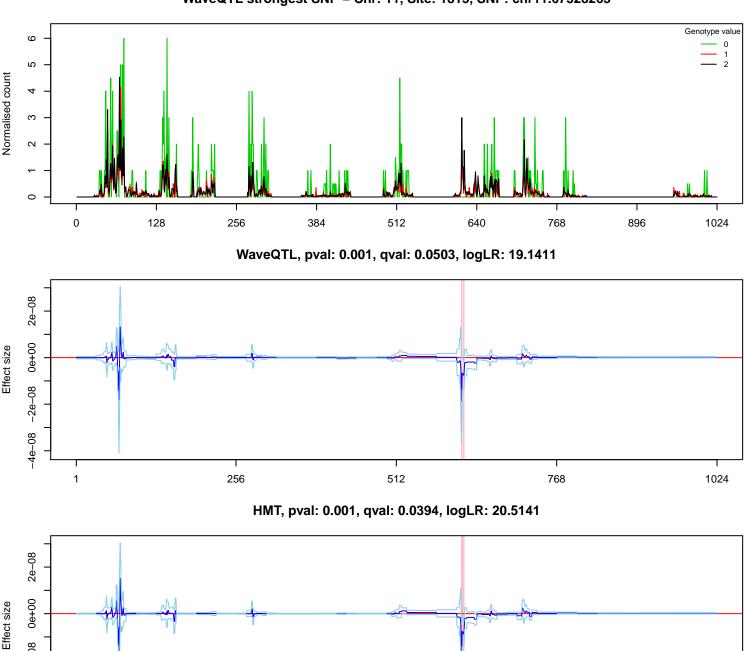




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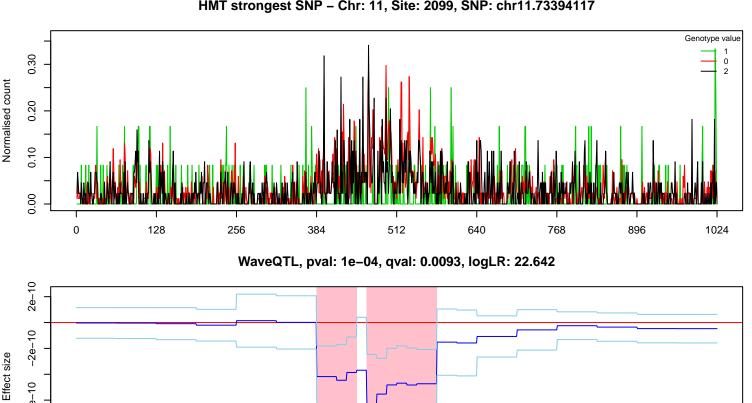


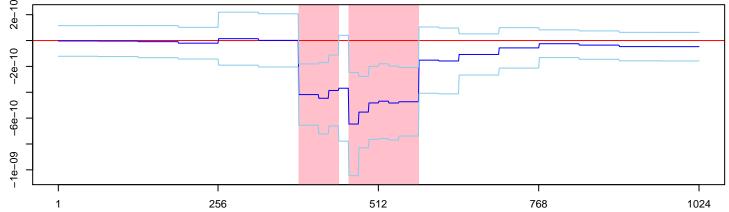
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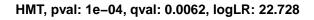


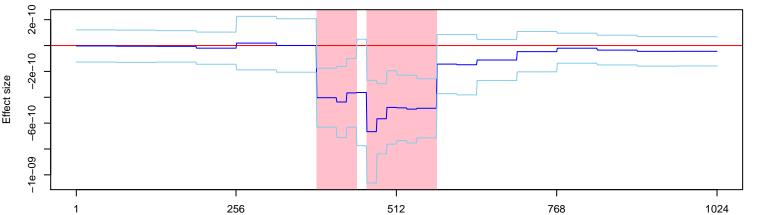
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HMT strongest SNP - Chr: 11, Site: 2099, SNP: chr11.73394117

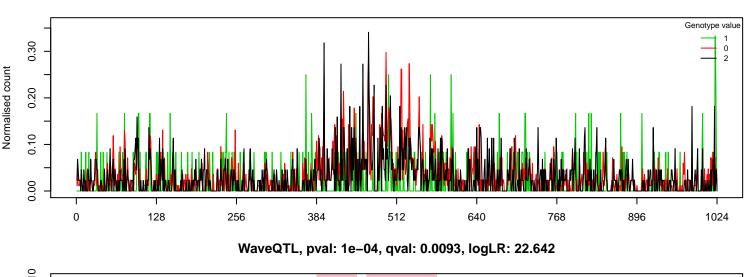


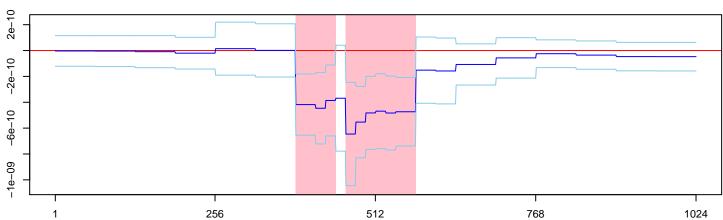






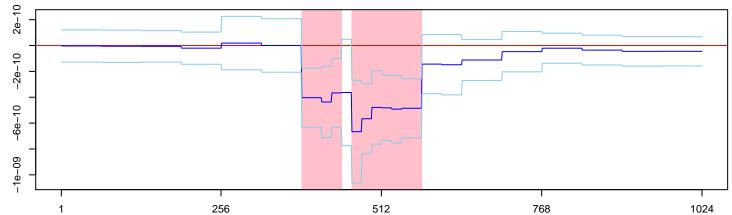
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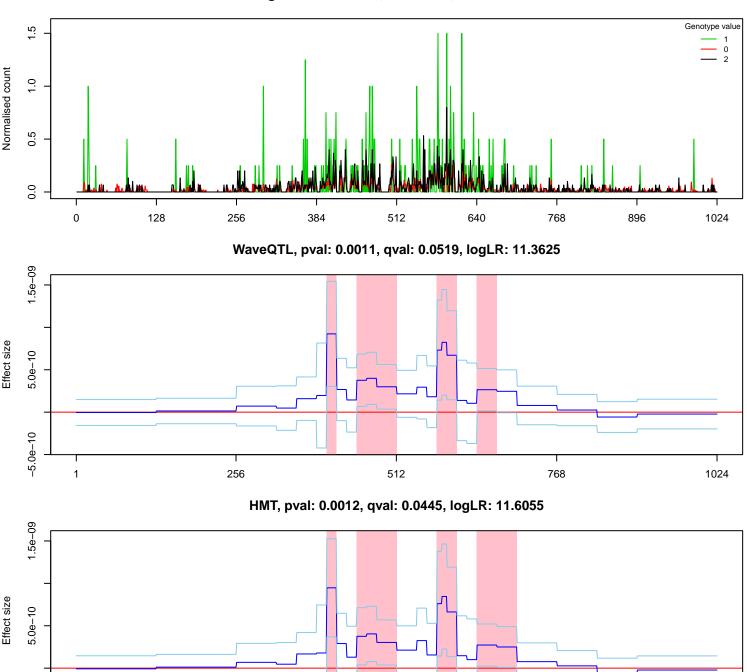


Effect size



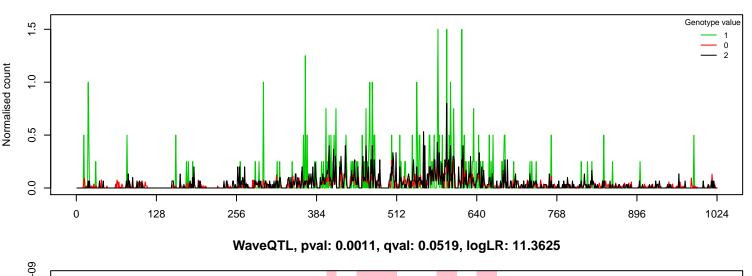


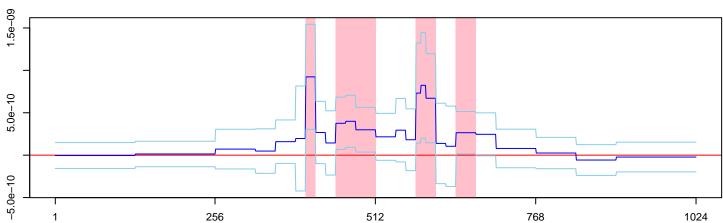
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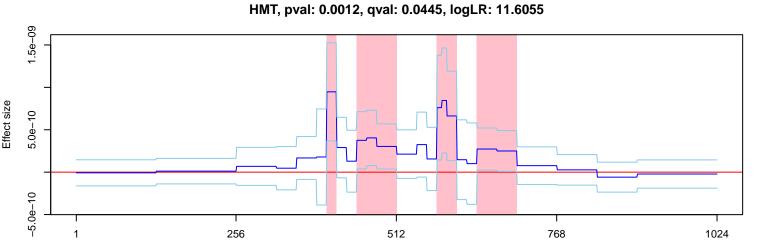


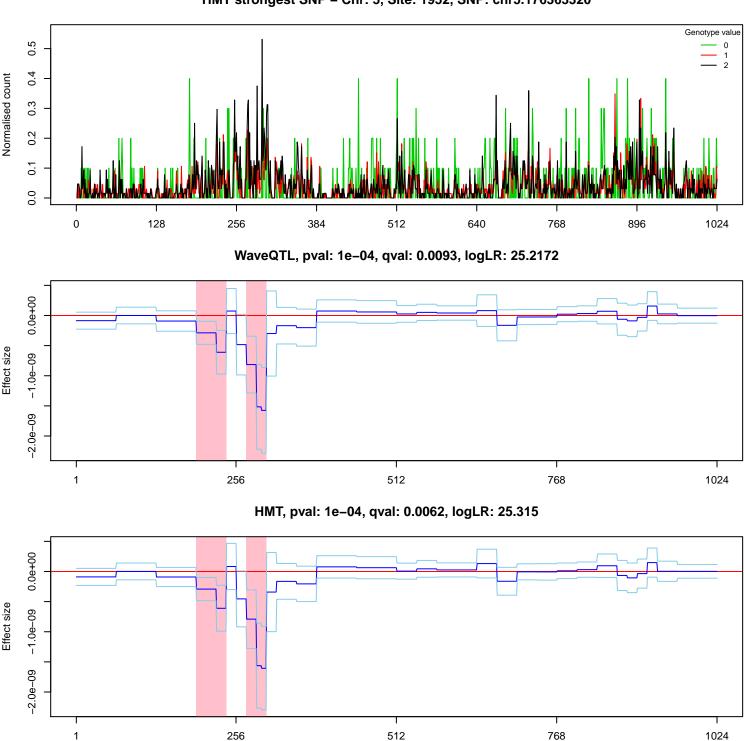
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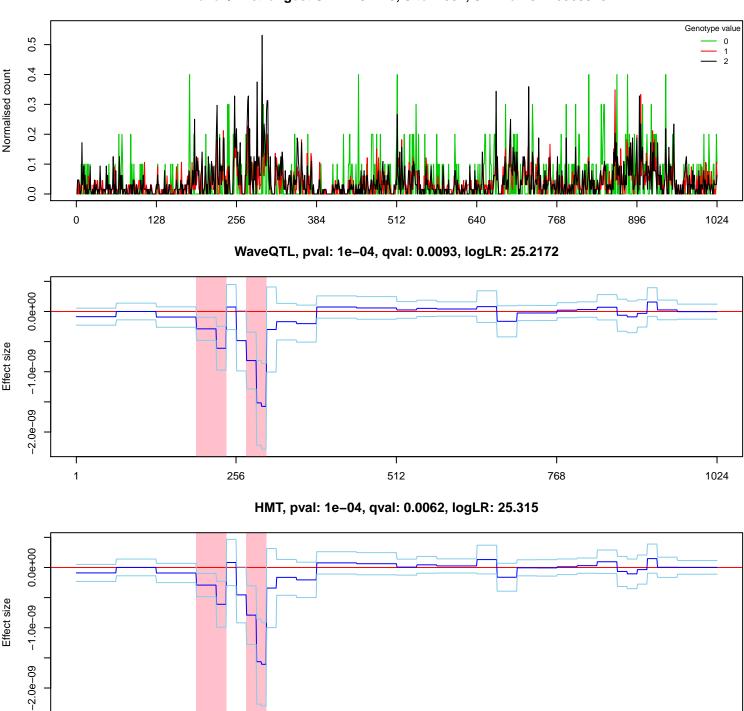




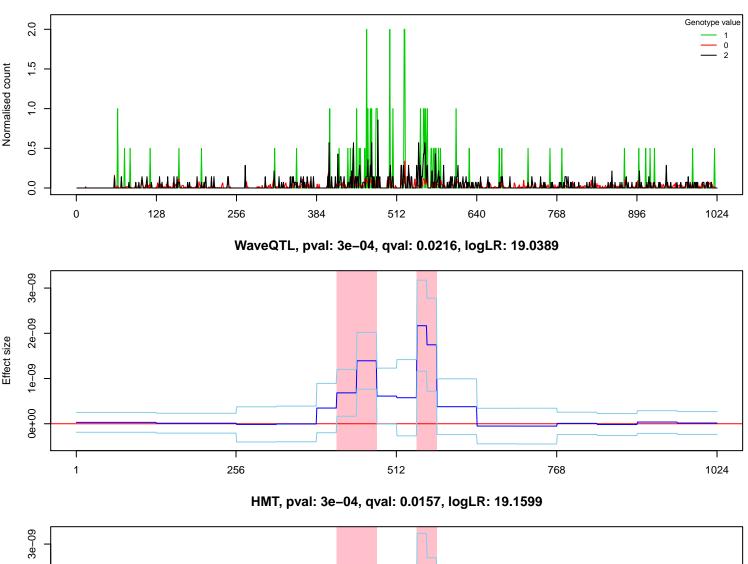




WaveQTL strongest SNP - Chr: 5, Site: 1952, SNP: chr5.176363320



HMT strongest SNP - Chr: 5, Site: 2023, SNP: chr5.177434404



 80

 80

 80

 80

 80

 90

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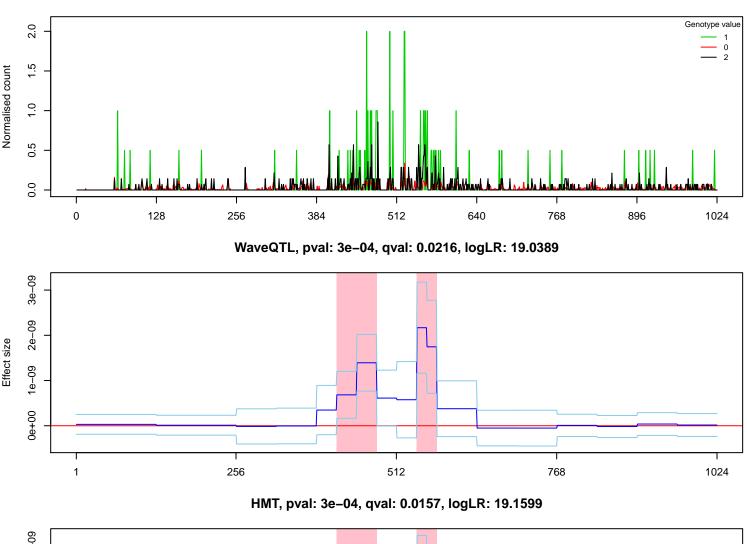
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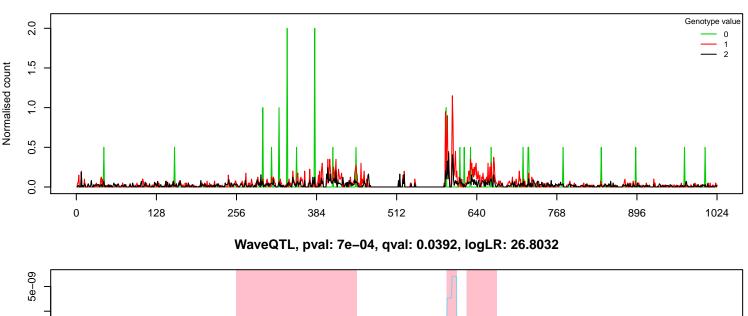
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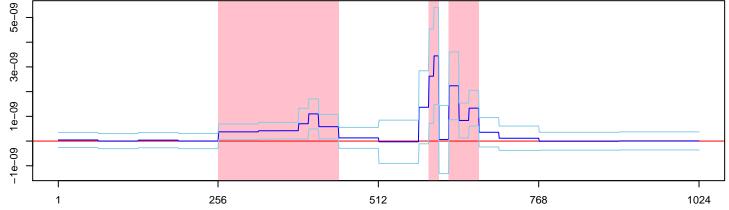
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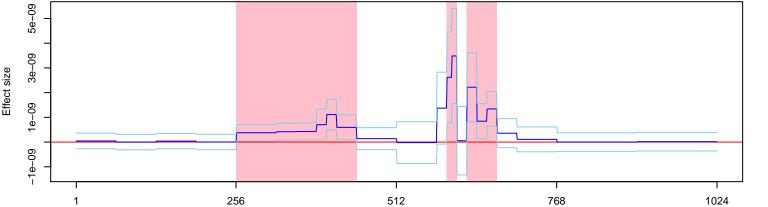


HMT strongest SNP - Chr: 6, Site: 175, SNP: chr6.6630736

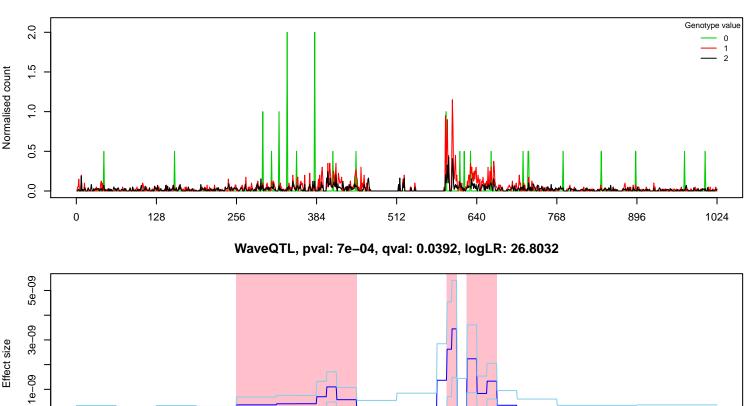




HMT, pval: 7e-04, qval: 0.0305, logLR: 26.9418



WaveQTL strongest SNP - Chr: 6, Site: 175, SNP: chr6.6630736



HMT, pval: 7e-04, qval: 0.0305, logLR: 26.9418

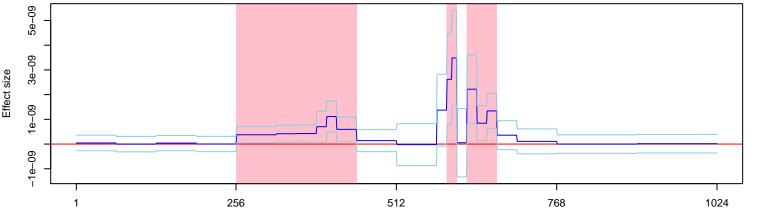
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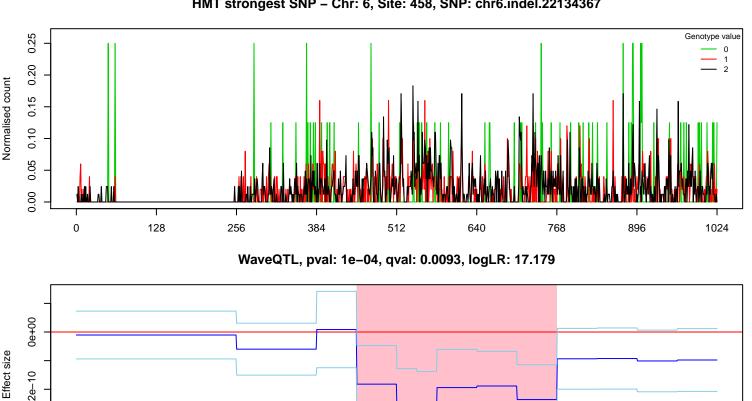
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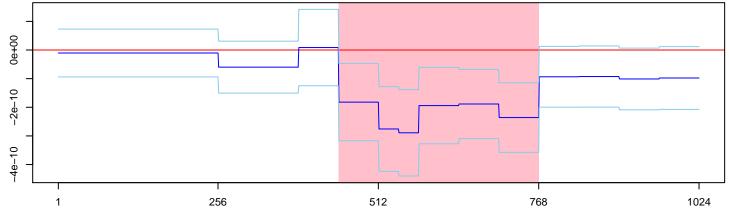
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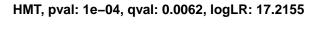
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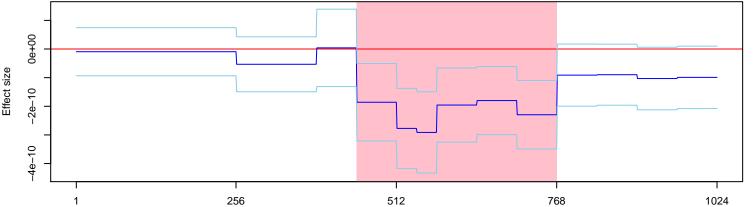


HMT strongest SNP - Chr: 6, Site: 458, SNP: chr6.indel.22134367

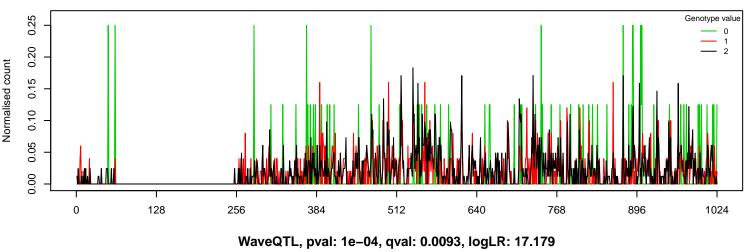


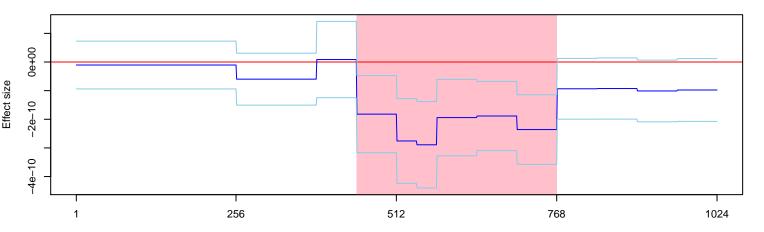




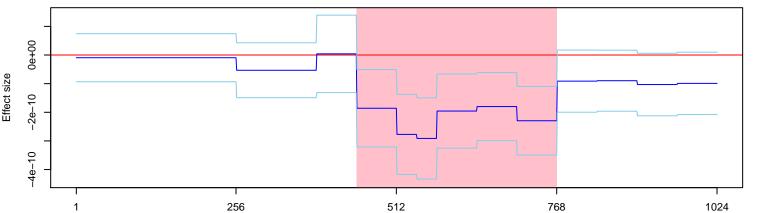


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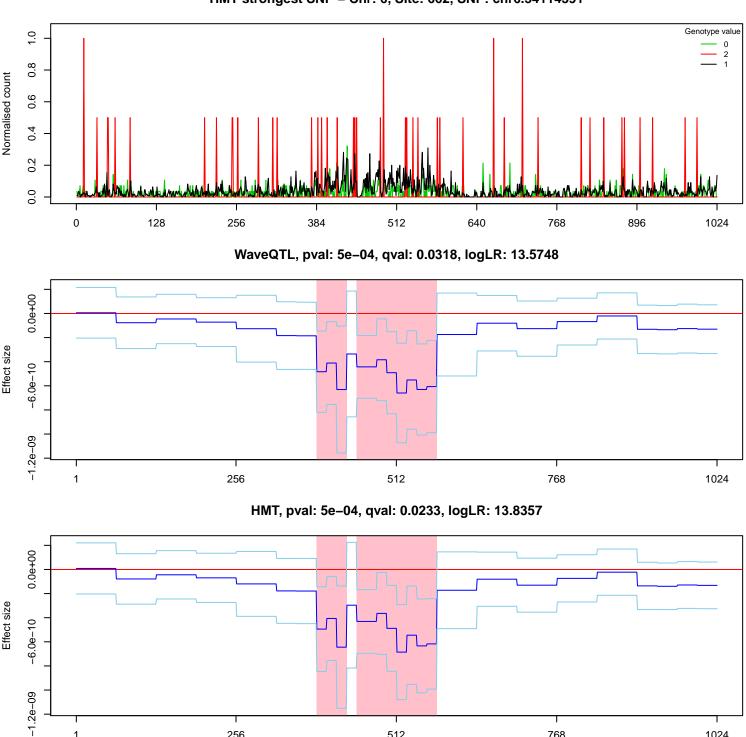




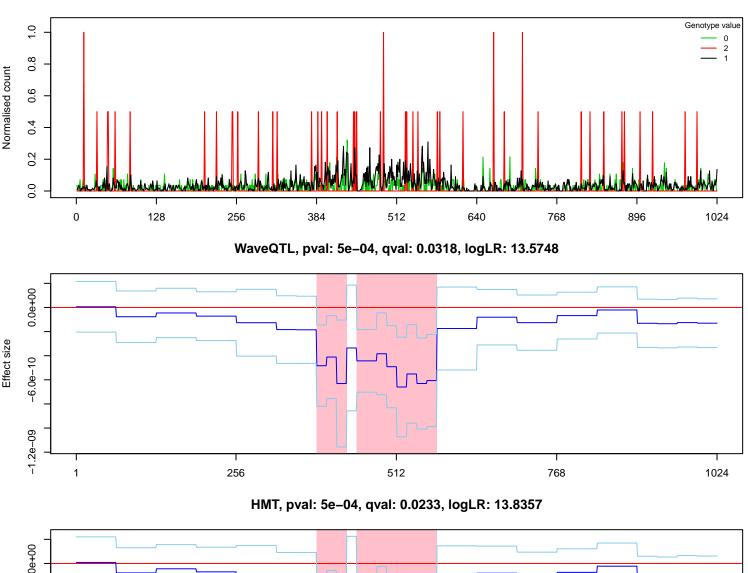
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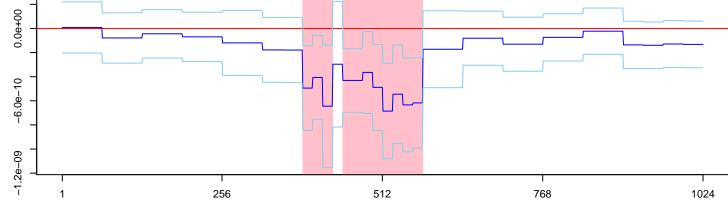


HMT strongest SNP - Chr: 6, Site: 662, SNP: chr6.34114391

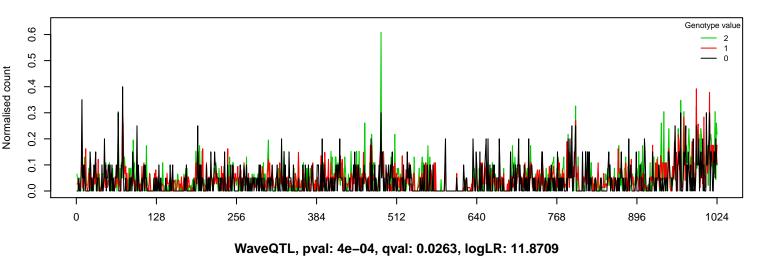


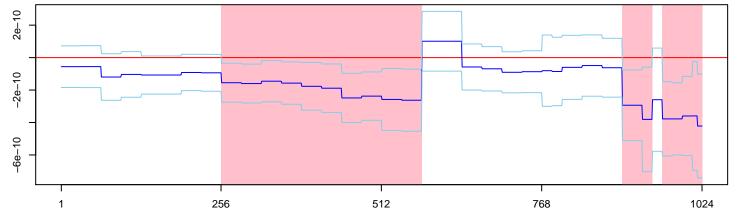
WaveQTL strongest SNP - Chr: 6, Site: 662, SNP: chr6.34114391



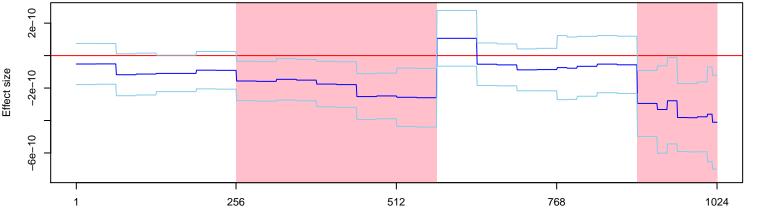


HMT strongest SNP - Chr: 6, Site: 897, SNP: chr6.41580681

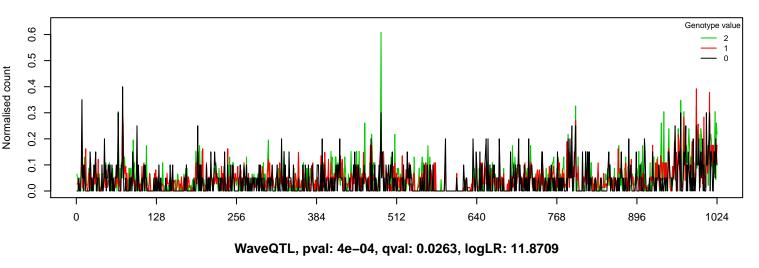


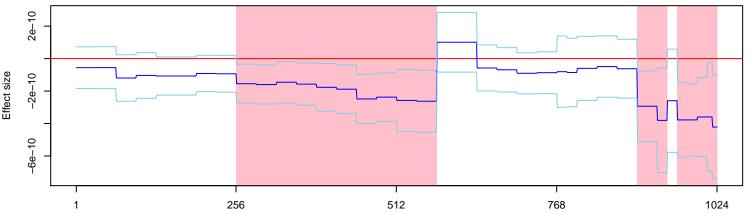


HMT, pval: 4e-04, qval: 0.0194, logLR: 12.1895

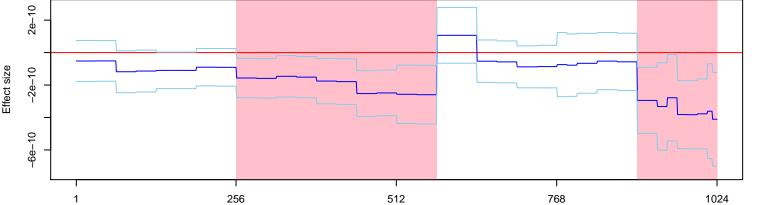


WaveQTL strongest SNP - Chr: 6, Site: 897, SNP: chr6.41580681

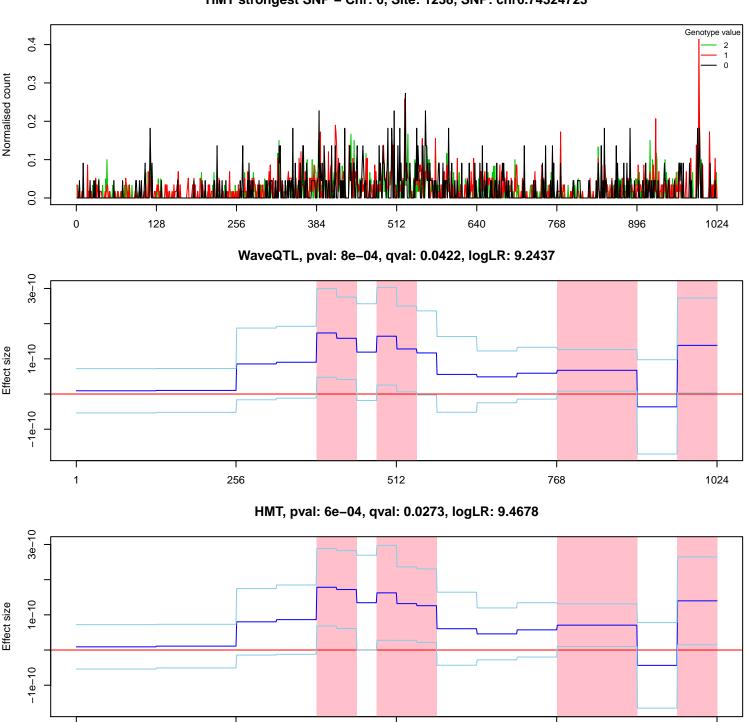




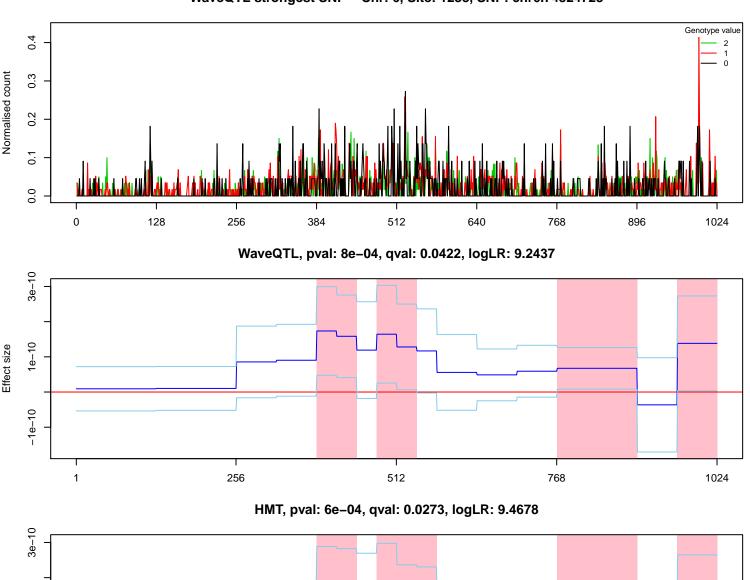
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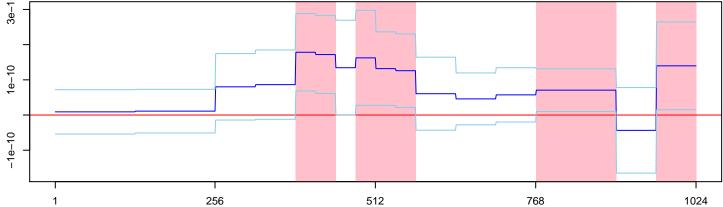


HMT strongest SNP - Chr: 6, Site: 1238, SNP: chr6.74324723

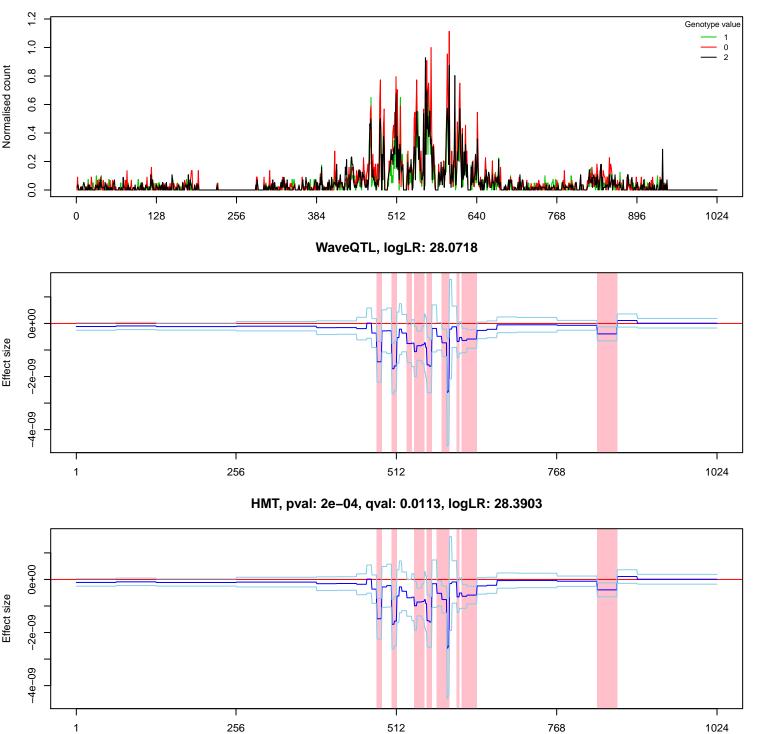


WaveQTL strongest SNP - Chr: 6, Site: 1238, SNP: chr6.74324723

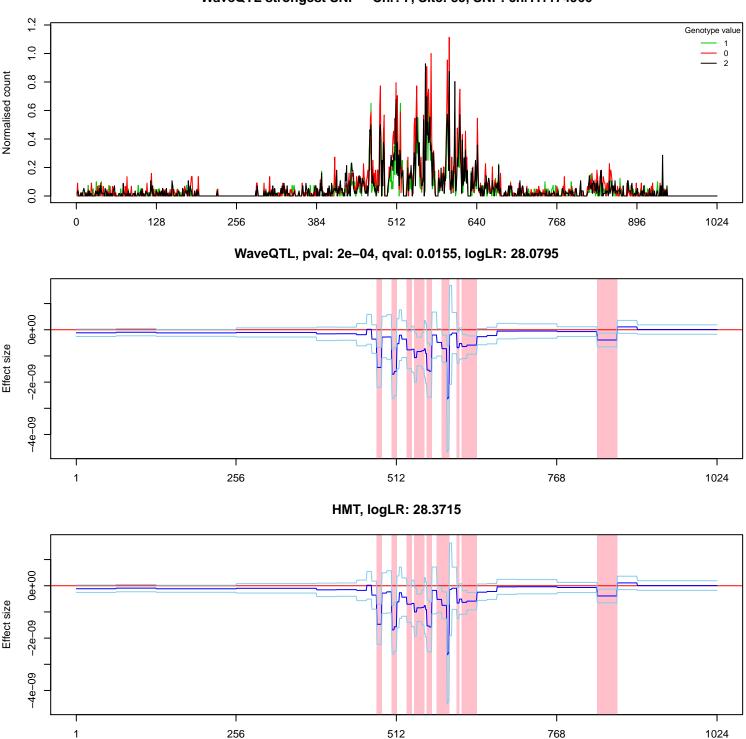




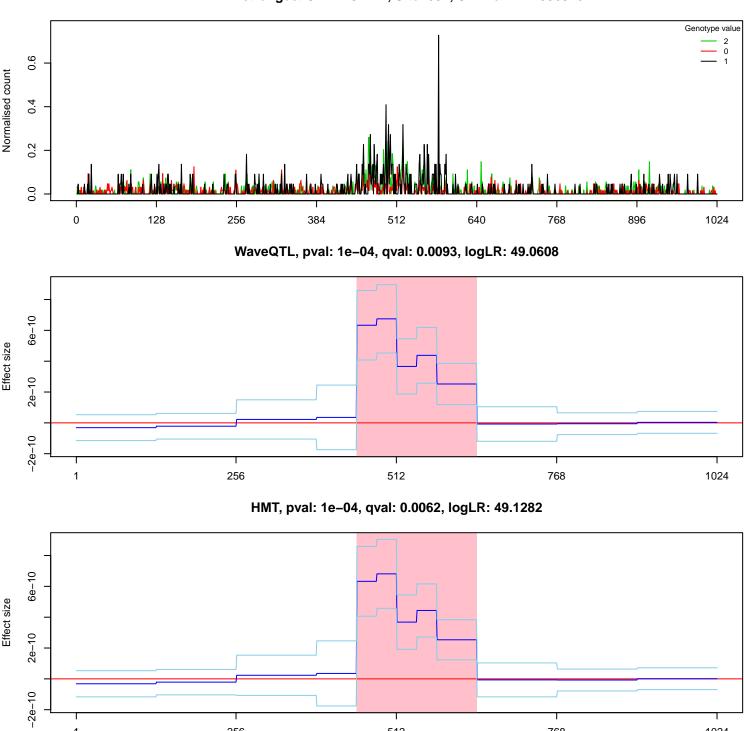
HMT strongest SNP - Chr: 7, Site: 89, SNP: chr7.1174463



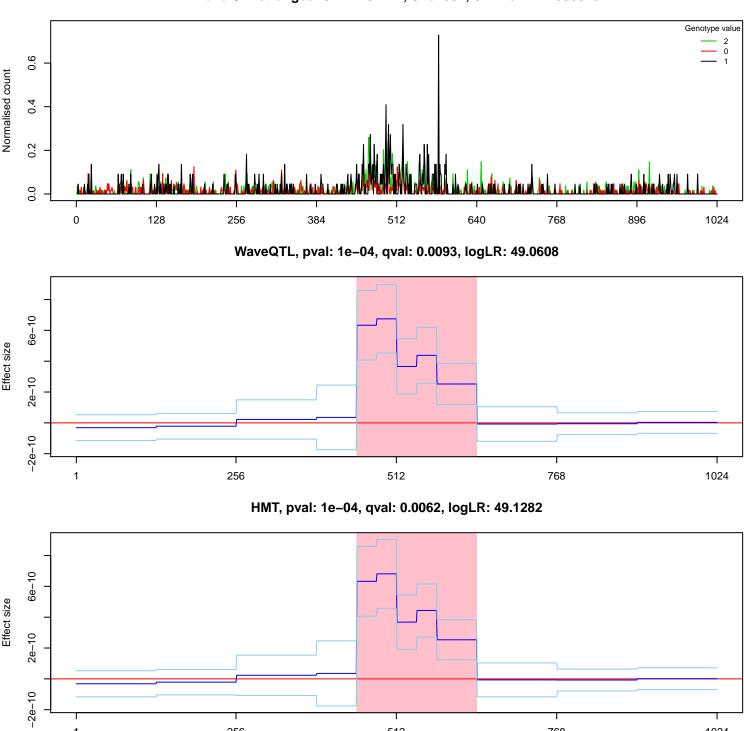
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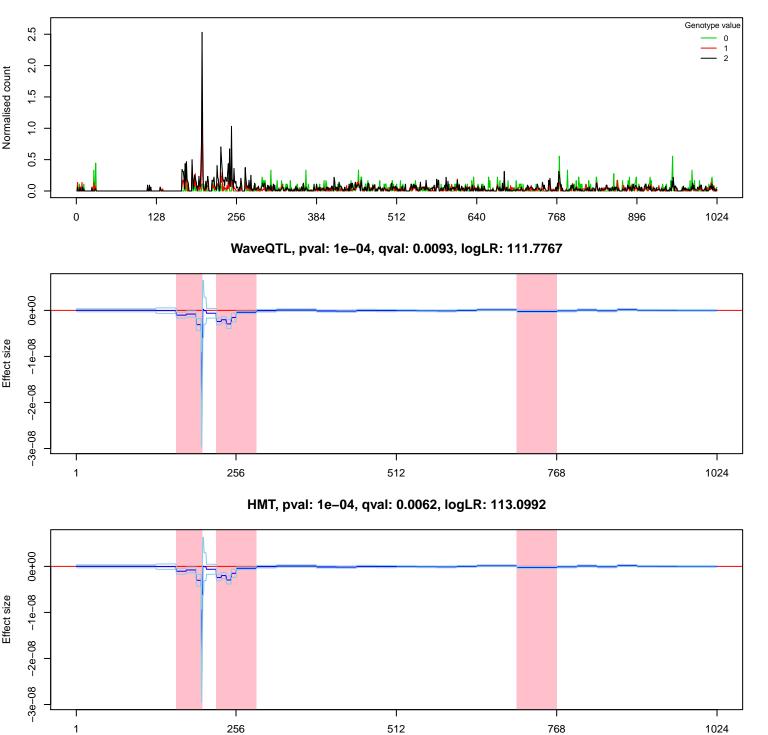
HMT strongest SNP - Chr: 7, Site: 554, SNP: chr7.22556576



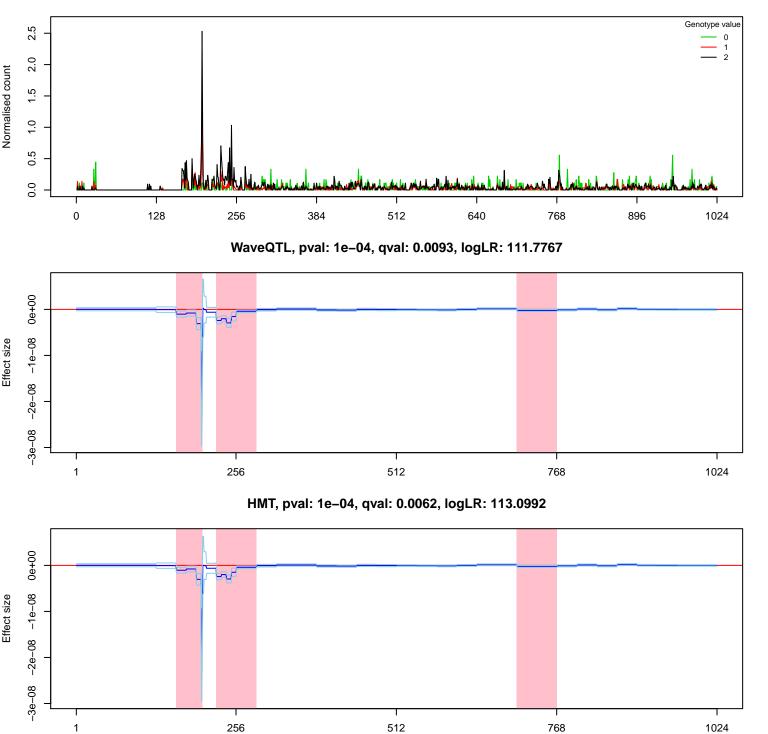
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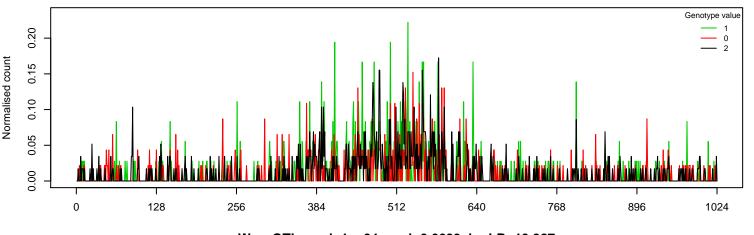
HMT strongest SNP - Chr: 7, Site: 1684, SNP: chr7.101894702



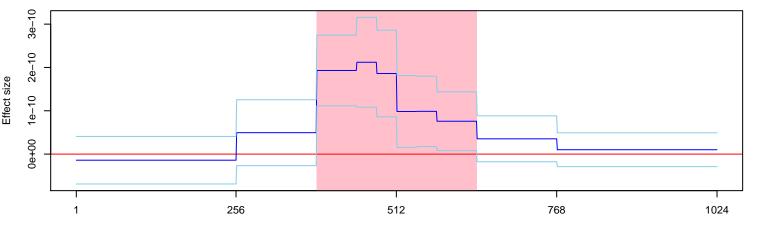
WaveQTL strongest SNP - Chr: 7, Site: 1684, SNP: chr7.101894702



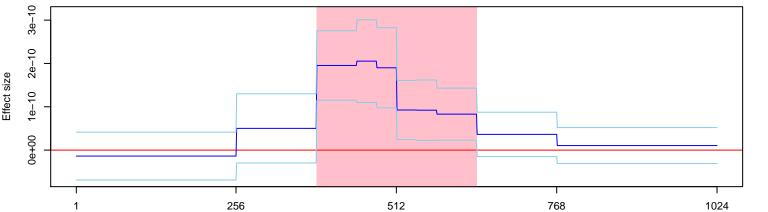
HMT strongest SNP - Chr: 7, Site: 1765, SNP: chr7.110986022



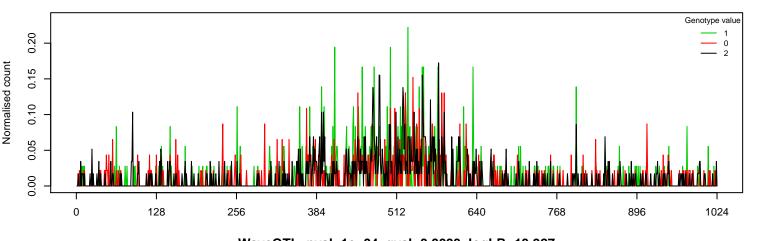
WaveQTL, pval: 1e-04, qval: 0.0093, logLR: 13.927



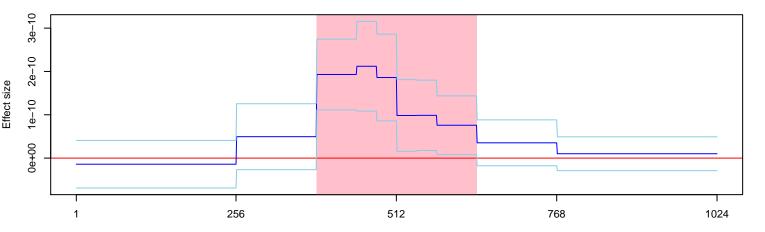
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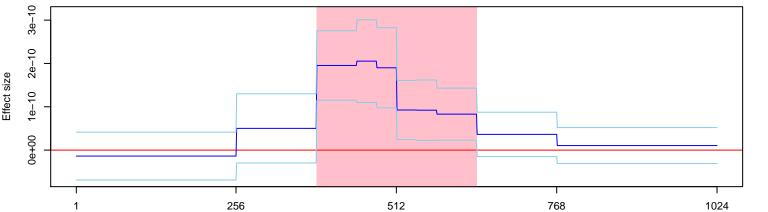
WaveQTL strongest SNP - Chr: 7, Site: 1765, SNP: chr7.110986022



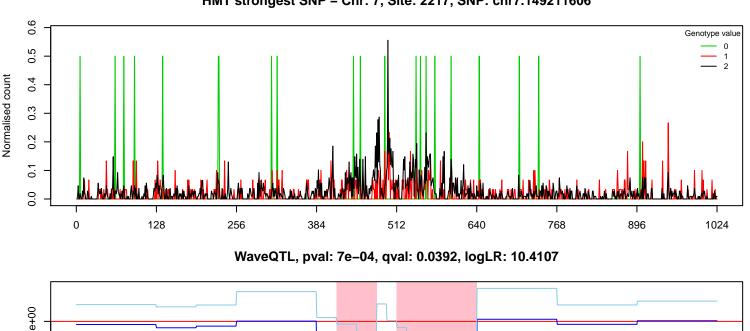
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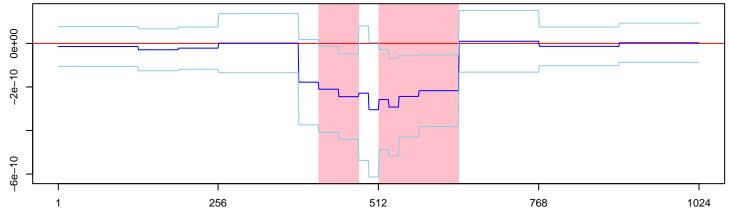


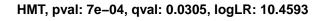
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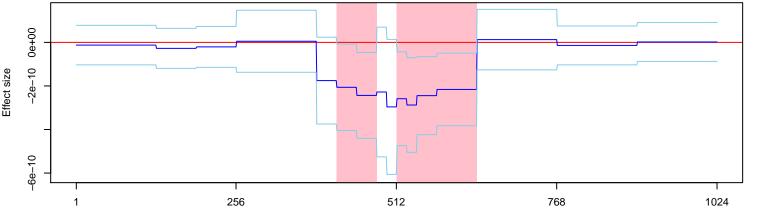


HMT strongest SNP - Chr: 7, Site: 2217, SNP: chr7.149211606

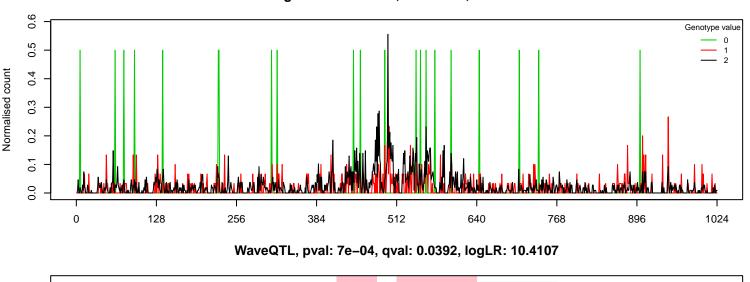


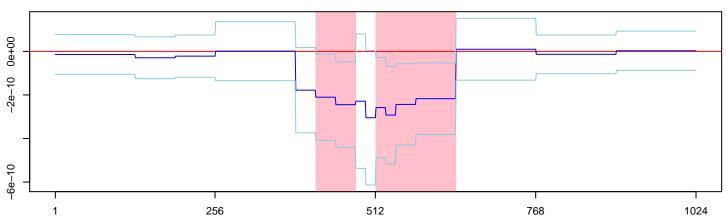




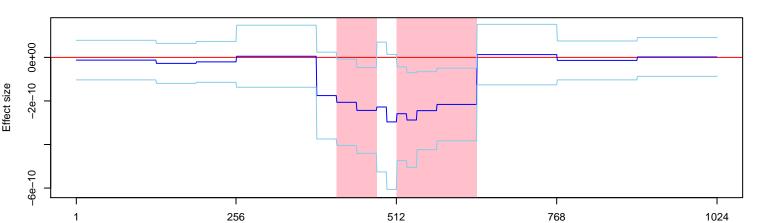


WaveQTL strongest SNP - Chr: 7, Site: 2217, SNP: chr7.149211606



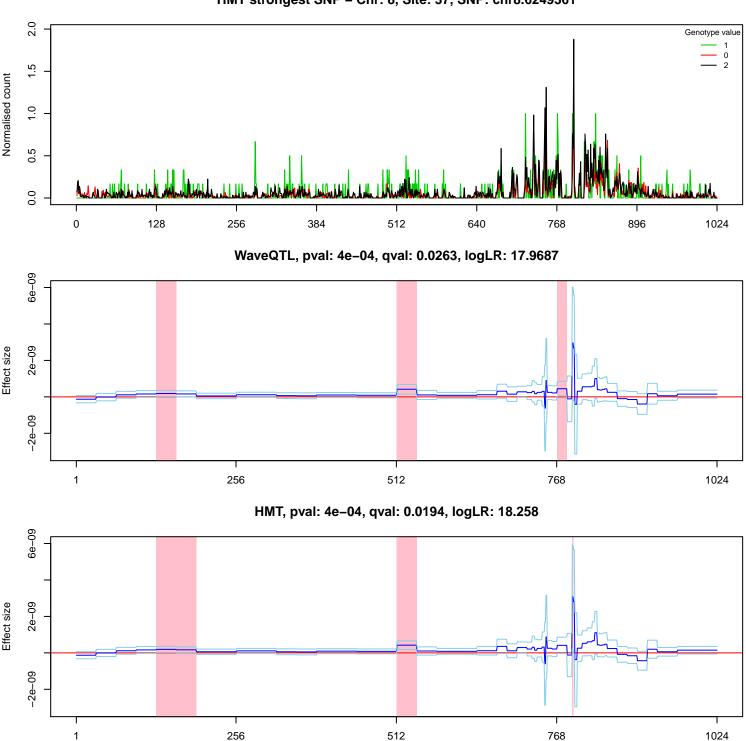


Effect size

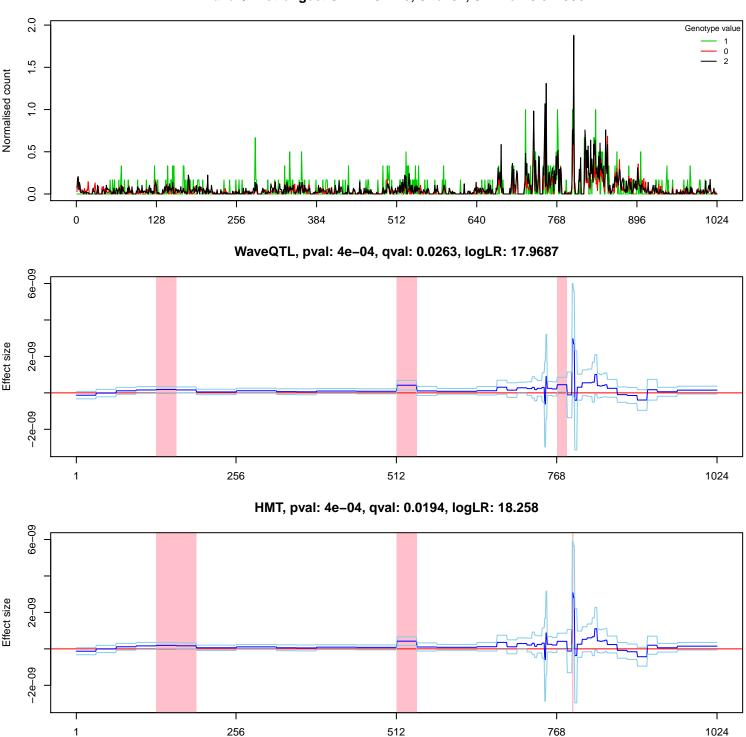


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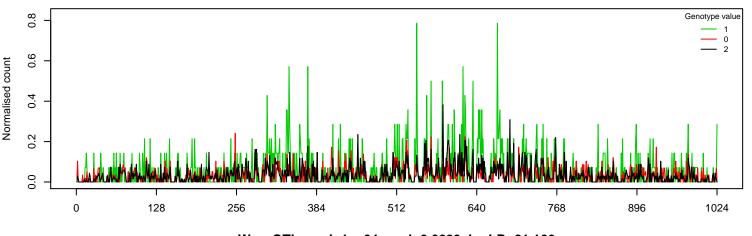
HMT strongest SNP - Chr: 8, Site: 37, SNP: chr8.6249361



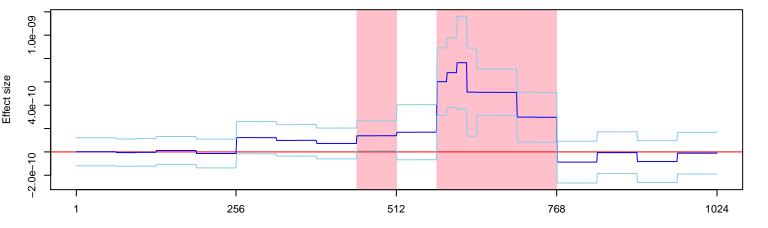
WaveQTL strongest SNP - Chr: 8, Site: 37, SNP: chr8.6249361



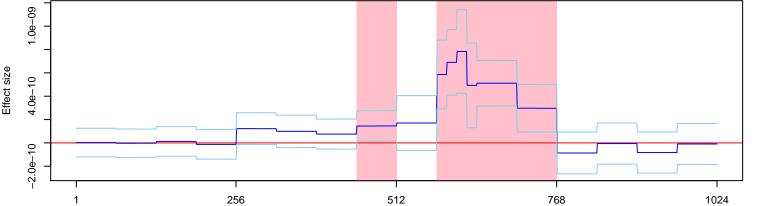
HMT strongest SNP - Chr: 8, Site: 145, SNP: chr8.11344025



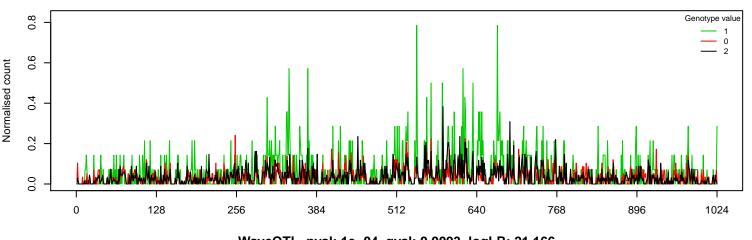
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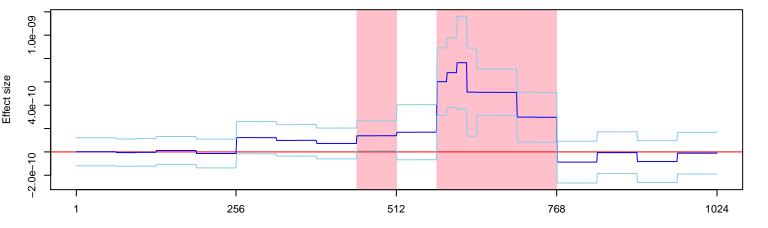
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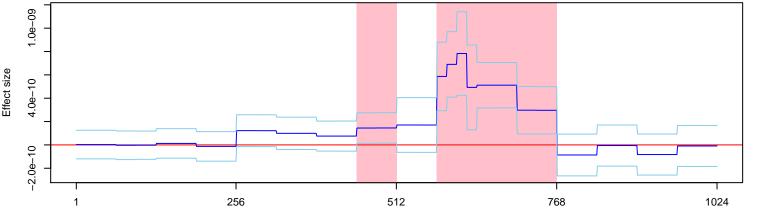
WaveQTL strongest SNP - Chr: 8, Site: 145, SNP: chr8.11344025



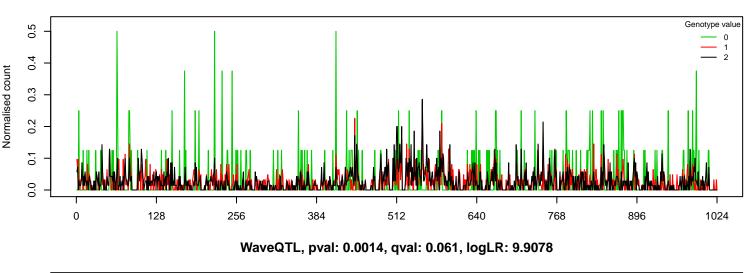
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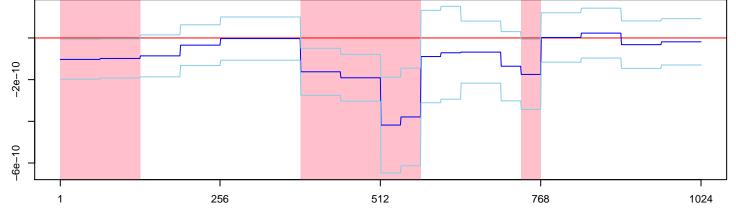


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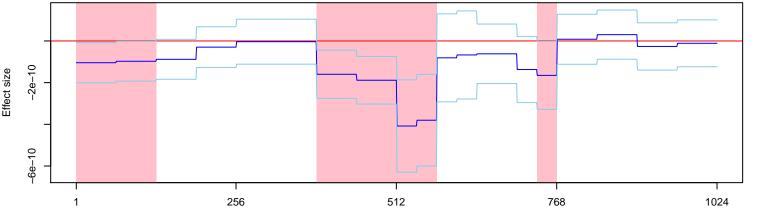


HMT strongest SNP - Chr: 8, Site: 179, SNP: chr8.11863591

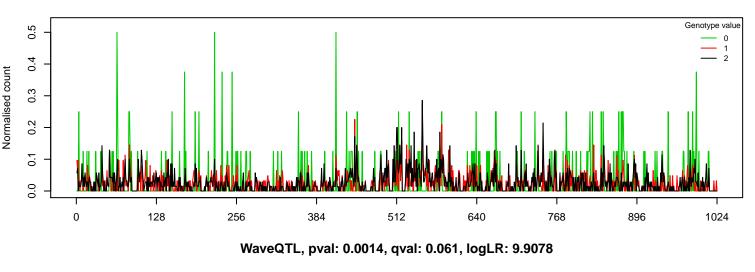


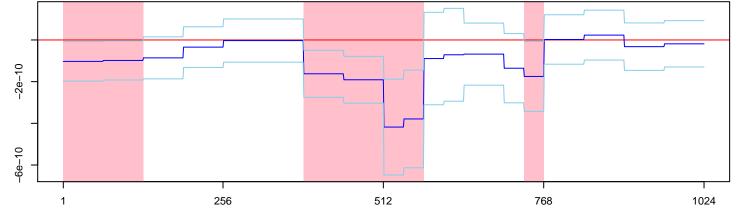


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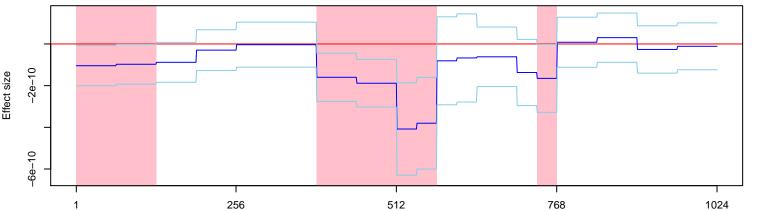


WaveQTL strongest SNP - Chr: 8, Site: 179, SNP: chr8.11863591

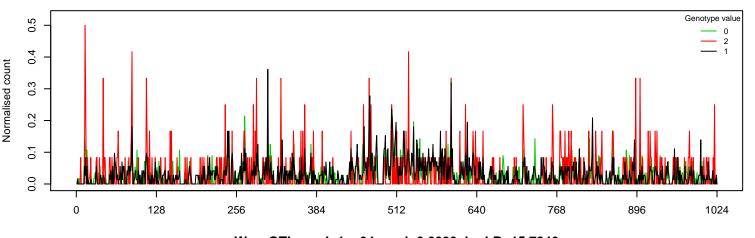




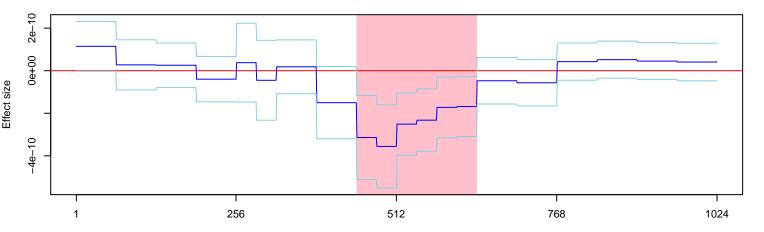
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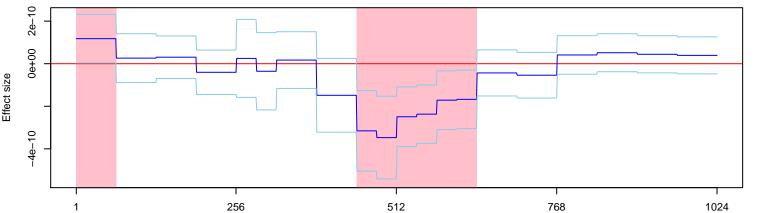
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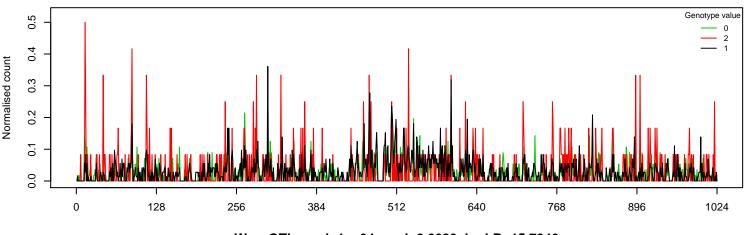
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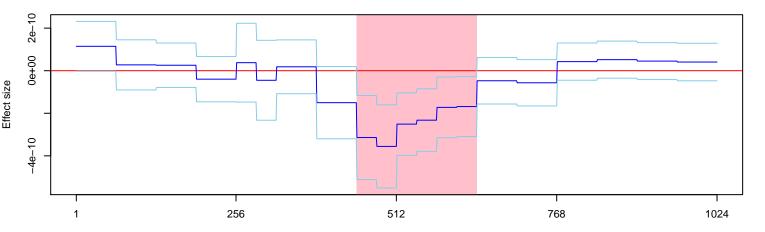
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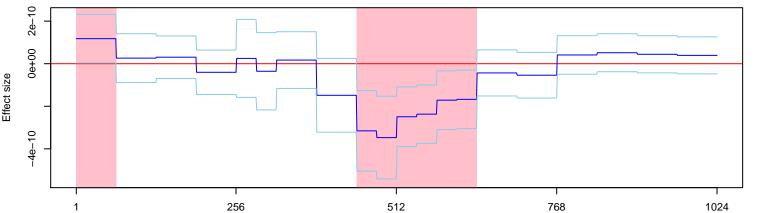
WaveQTL strongest SNP - Chr: 8, Site: 302, SNP: chr8.22657991



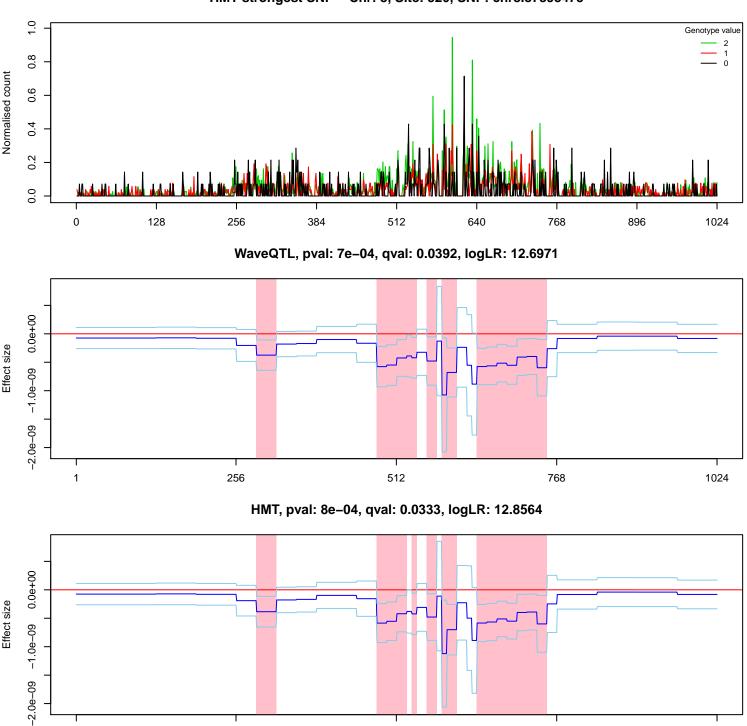
WaveQTL, pval: 1e-04, qval: 0.0093, logLR: 15.7246



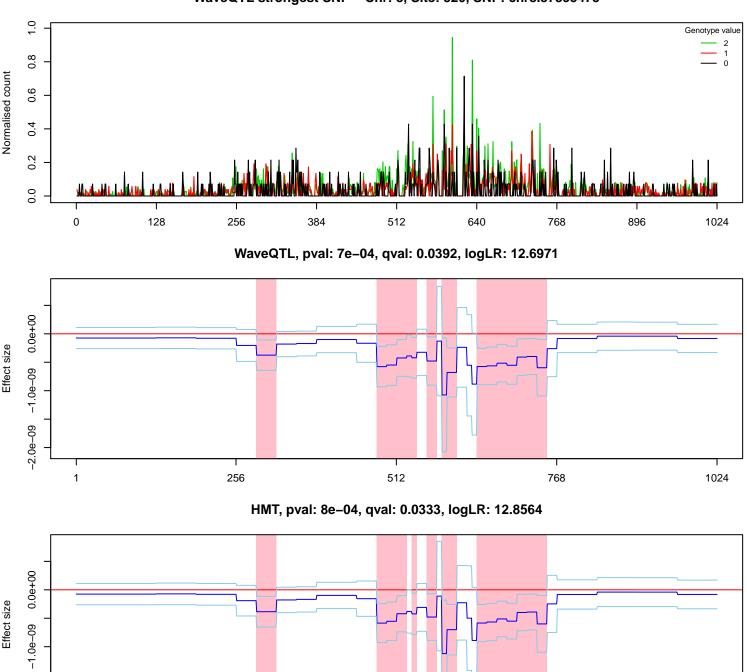
HMT, pval: 1e-04, qval: 0.0062, logLR: 15.8236



HMT strongest SNP - Chr: 8, Site: 520, SNP: chr8.37395475

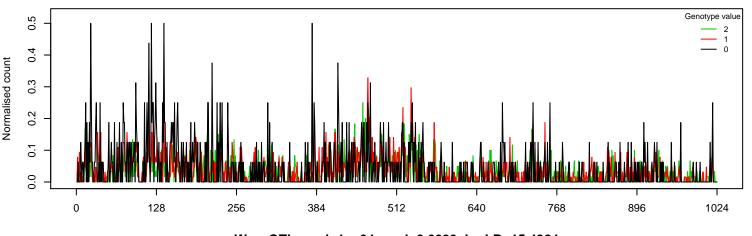


WaveQTL strongest SNP - Chr: 8, Site: 520, SNP: chr8.37395475

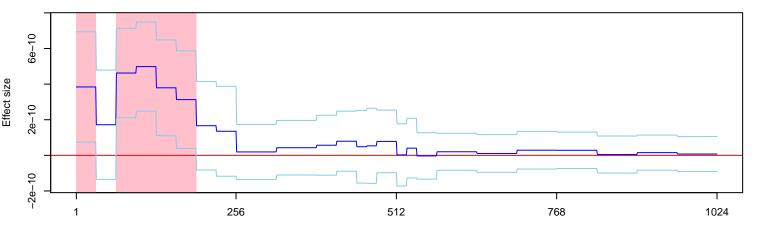


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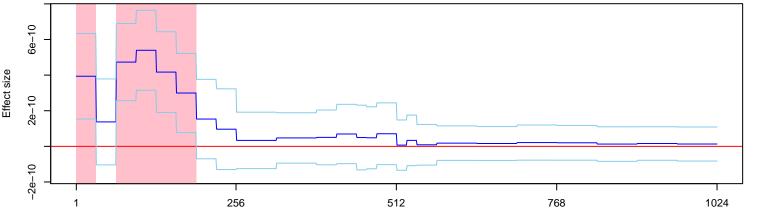
HMT strongest SNP - Chr: 8, Site: 935, SNP: chr8.indel.75068611



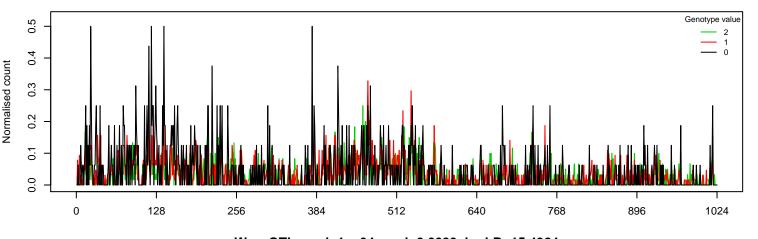
WaveQTL, pval: 1e-04, qval: 0.0093, logLR: 15.4324



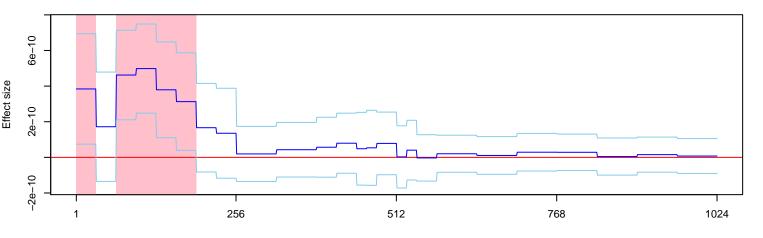
HMT, pval: 1e-04, qval: 0.0062, logLR: 16.2852



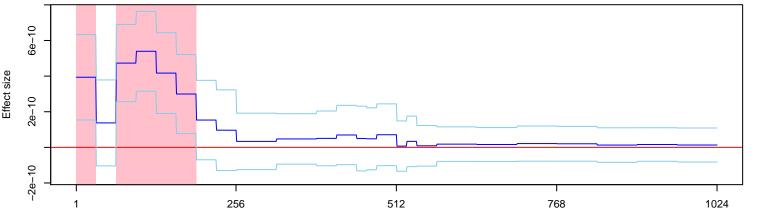
WaveQTL strongest SNP - Chr: 8, Site: 935, SNP: chr8.indel.75068611



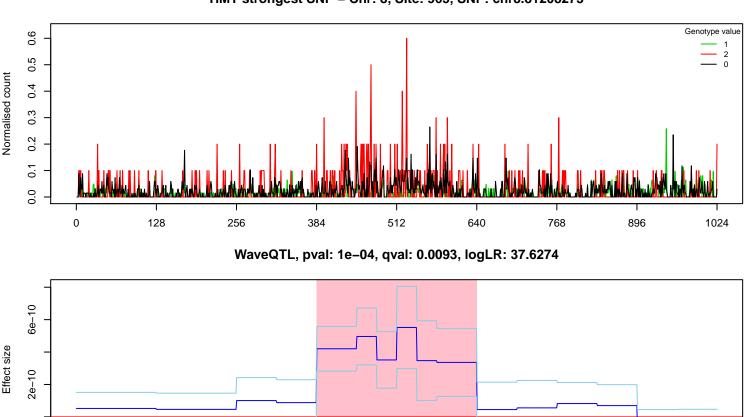
WaveQTL, pval: 1e-04, qval: 0.0093, logLR: 15.4324



HMT, pval: 1e-04, qval: 0.0062, logLR: 16.2852

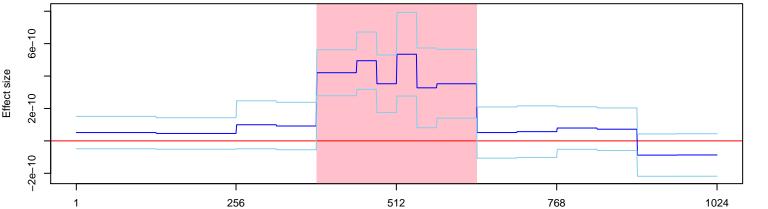


HMT strongest SNP - Chr: 8, Site: 965, SNP: chr8.81208273

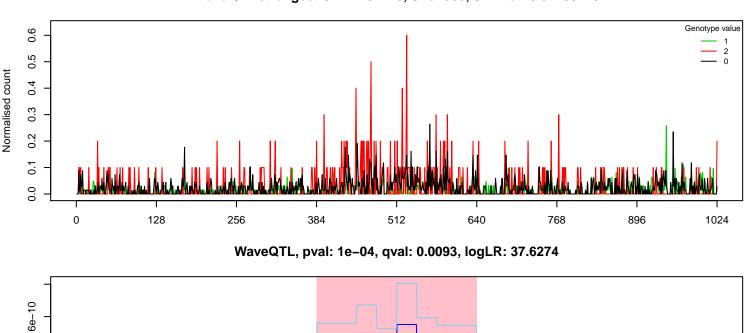


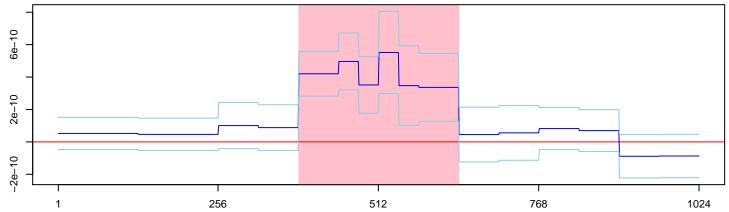
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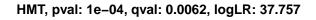
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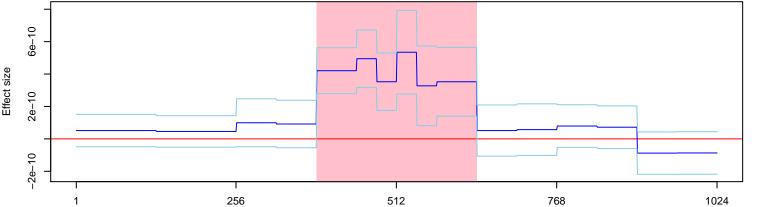


WaveQTL strongest SNP - Chr: 8, Site: 965, SNP: chr8.81208273

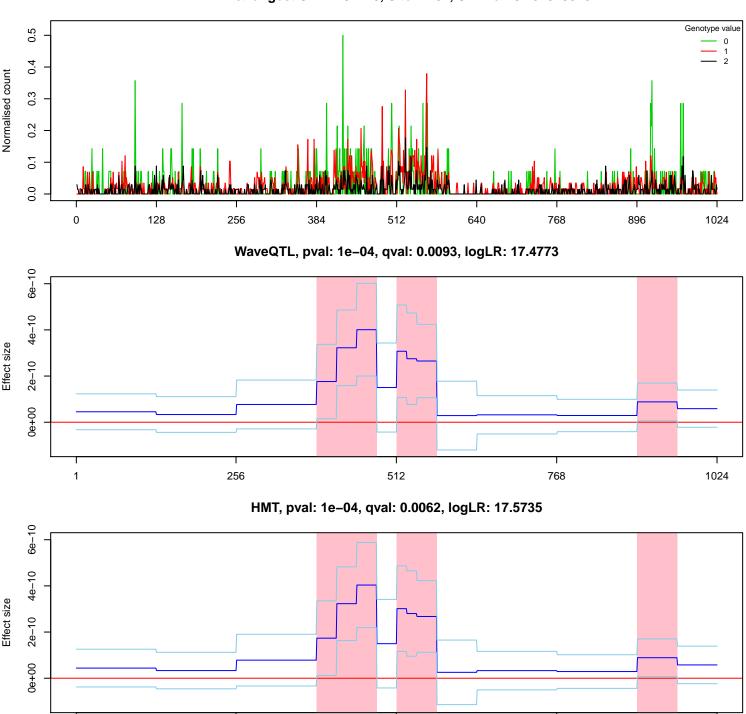




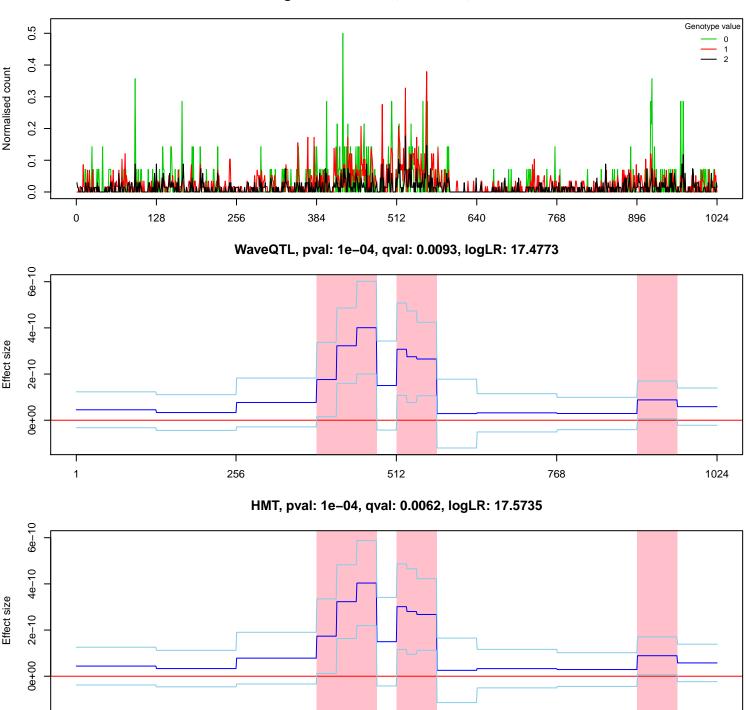




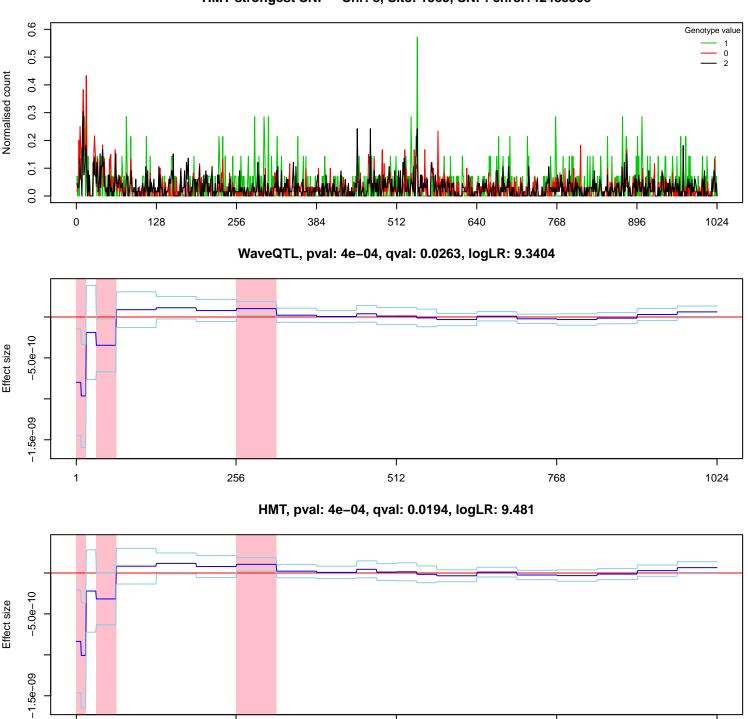
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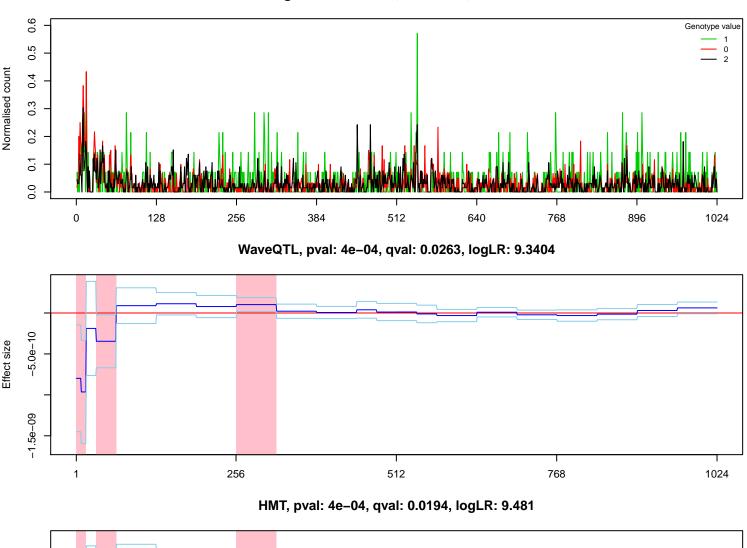
WaveQTL strongest SNP - Chr: 8, Site: 1204, SNP: chr8.104013810



HMT strongest SNP - Chr: 8, Site: 1565, SNP: chr8.142483508



WaveQTL strongest SNP - Chr: 8, Site: 1565, SNP: chr8.142483508



-1.5e-09 -5.0e-10

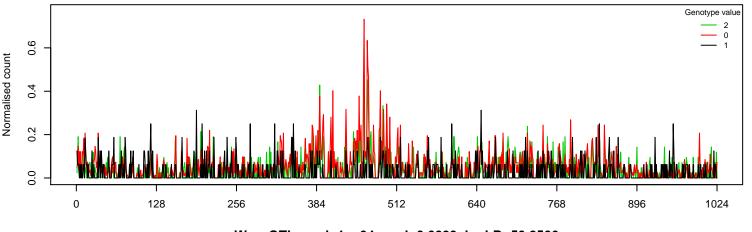
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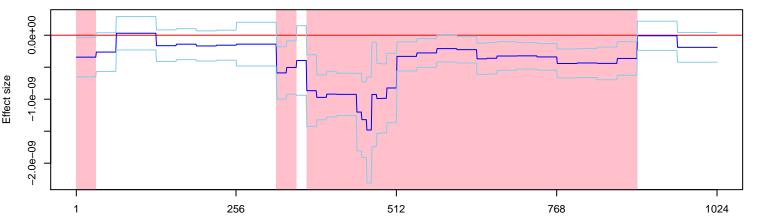
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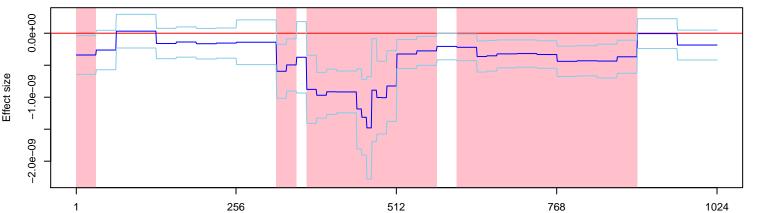
HMT strongest SNP - Chr: 8, Site: 1749, SNP: chr8.144731092



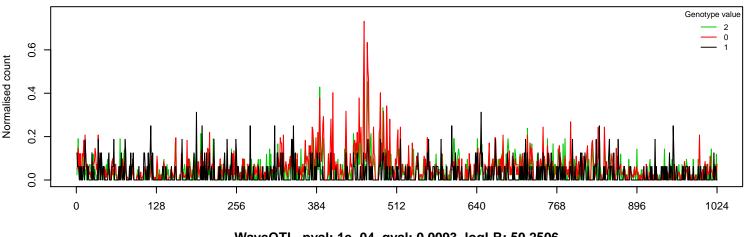
WaveQTL, pval: 1e-04, qval: 0.0093, logLR: 50.2506



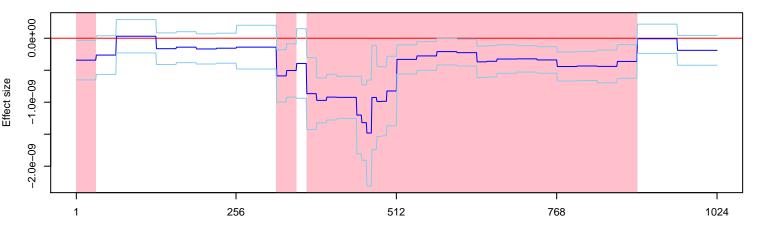
HMT, pval: 1e-04, qval: 0.0062, logLR: 50.4173



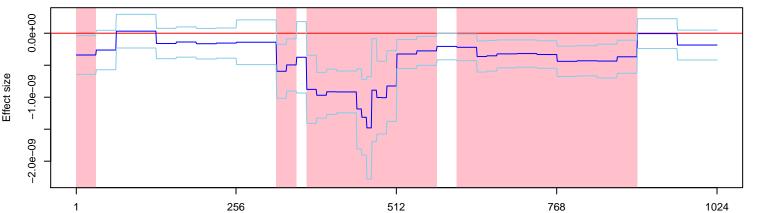
WaveQTL strongest SNP - Chr: 8, Site: 1749, SNP: chr8.144731092



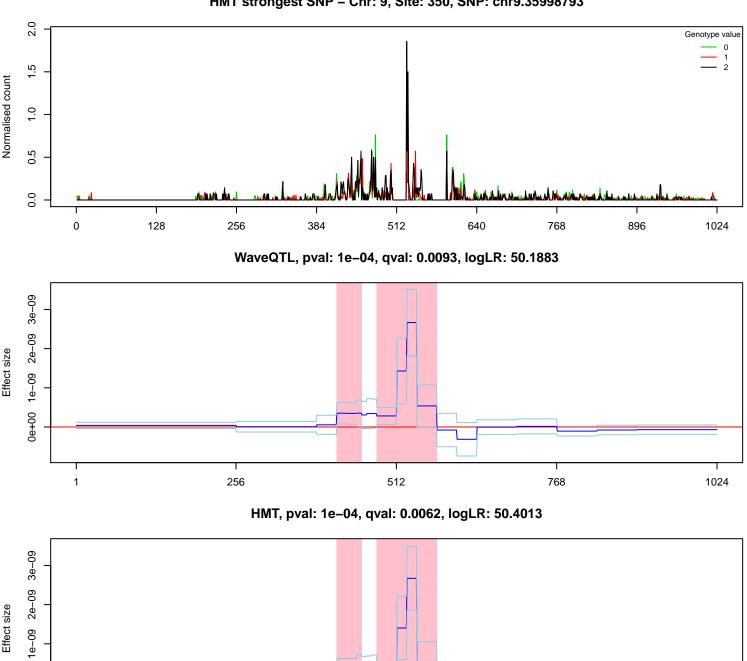
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HMT, pval: 1e-04, qval: 0.0062, logLR: 50.4173

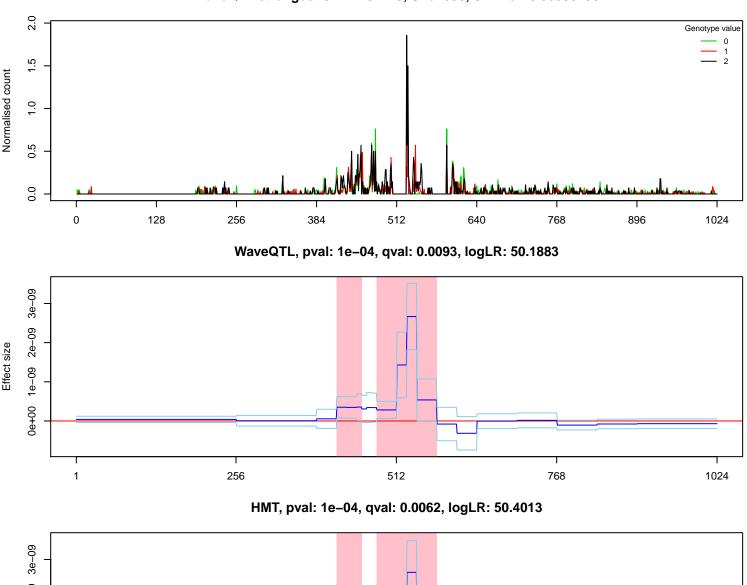


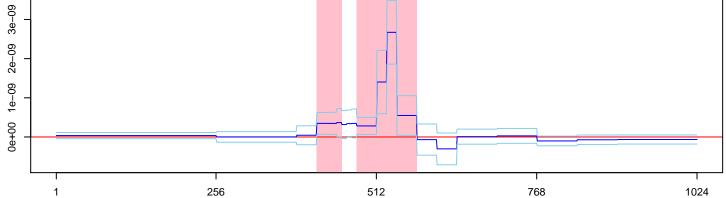
HMT strongest SNP - Chr: 9, Site: 350, SNP: chr9.35998793



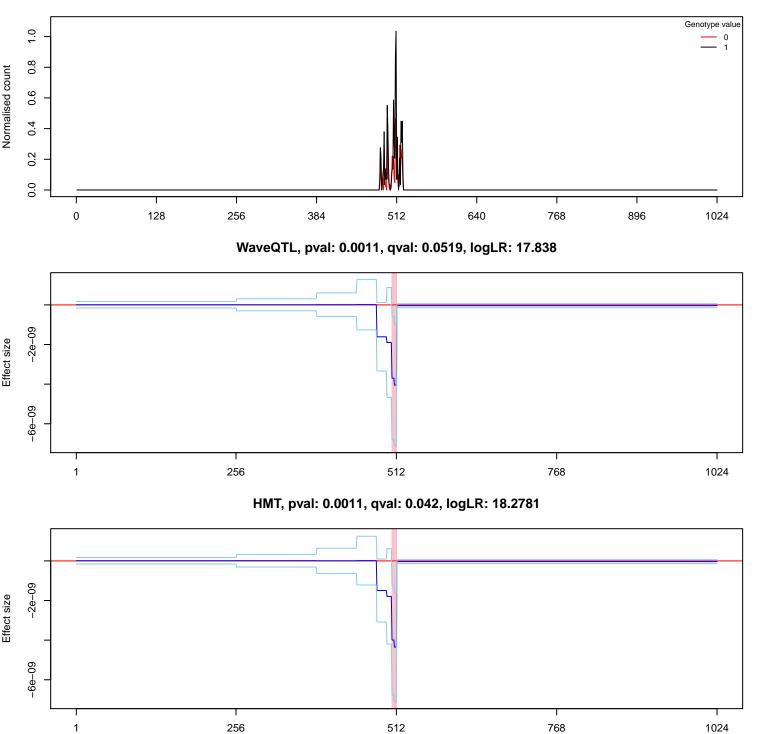
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WaveQTL strongest SNP - Chr: 9, Site: 350, SNP: chr9.35998793

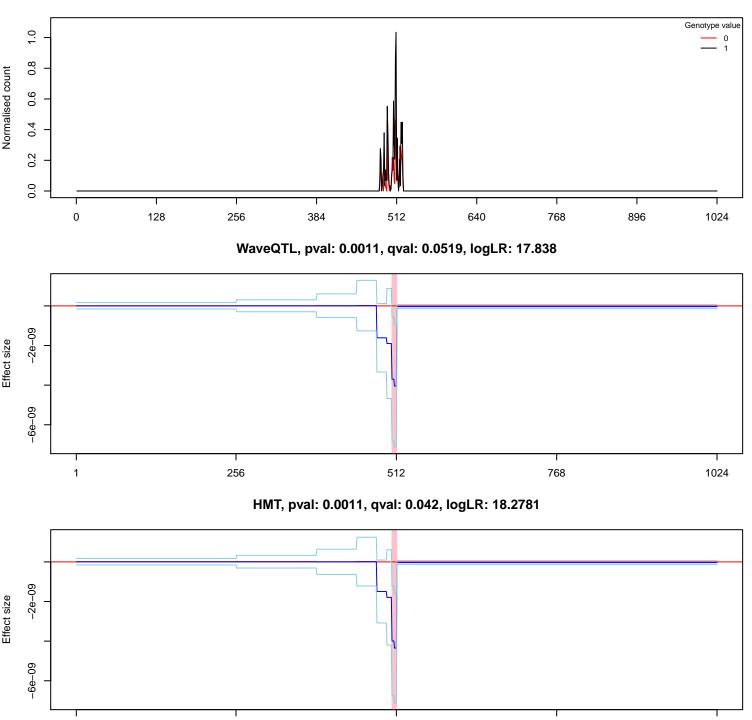




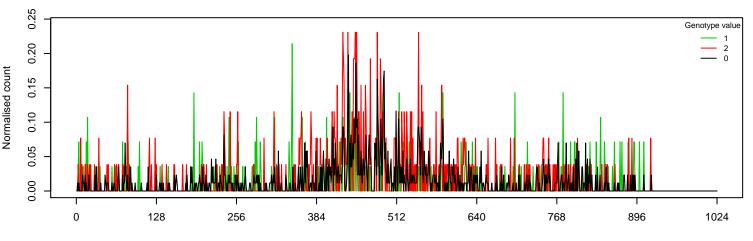
HMT strongest SNP - Chr: 9, Site: 478, SNP: chr9.69886758



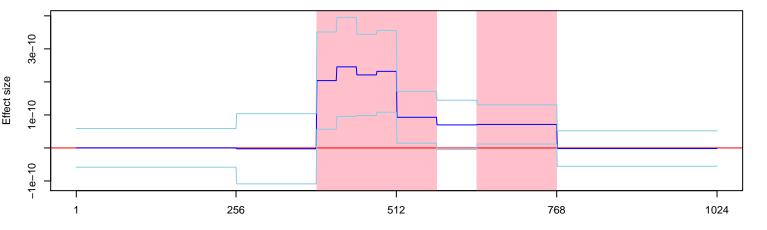
WaveQTL strongest SNP - Chr: 9, Site: 478, SNP: chr9.69886758



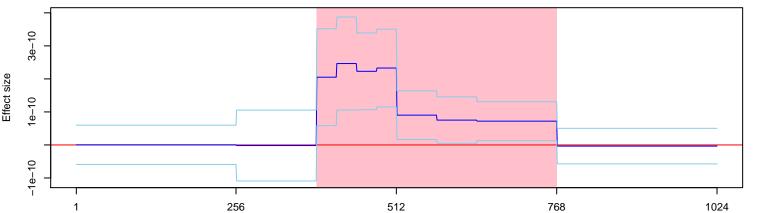
HMT strongest SNP - Chr: 9, Site: 951, SNP: chr9.101868812



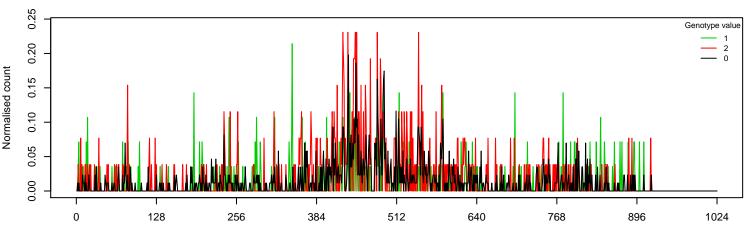
WaveQTL, pval: 1e-04, qval: 0.0093, logLR: 13.9777



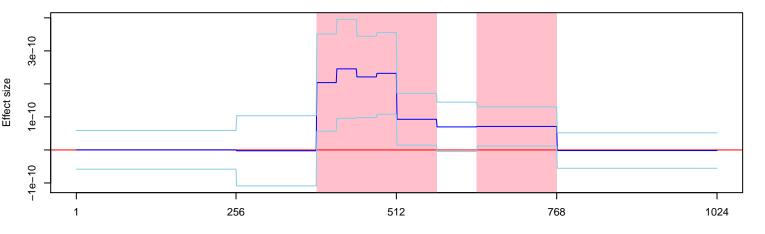
HMT, pval: 1e-04, qval: 0.0062, logLR: 14.0961



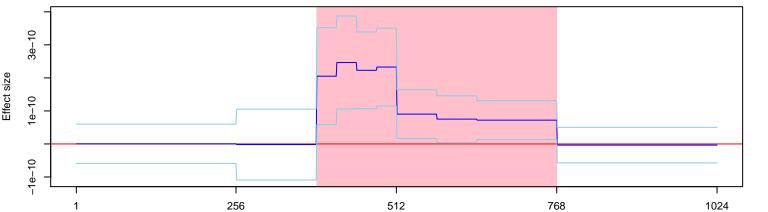
WaveQTL strongest SNP - Chr: 9, Site: 951, SNP: chr9.101868812



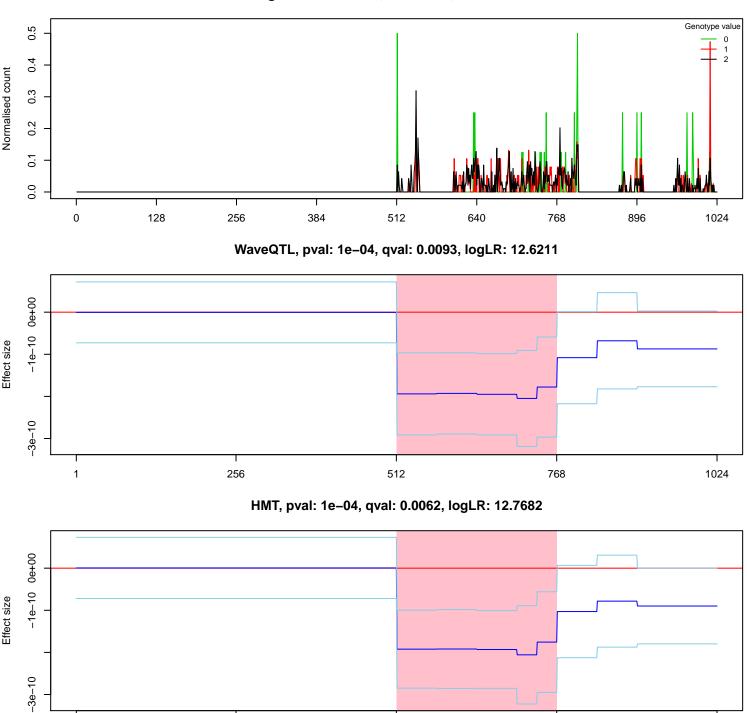
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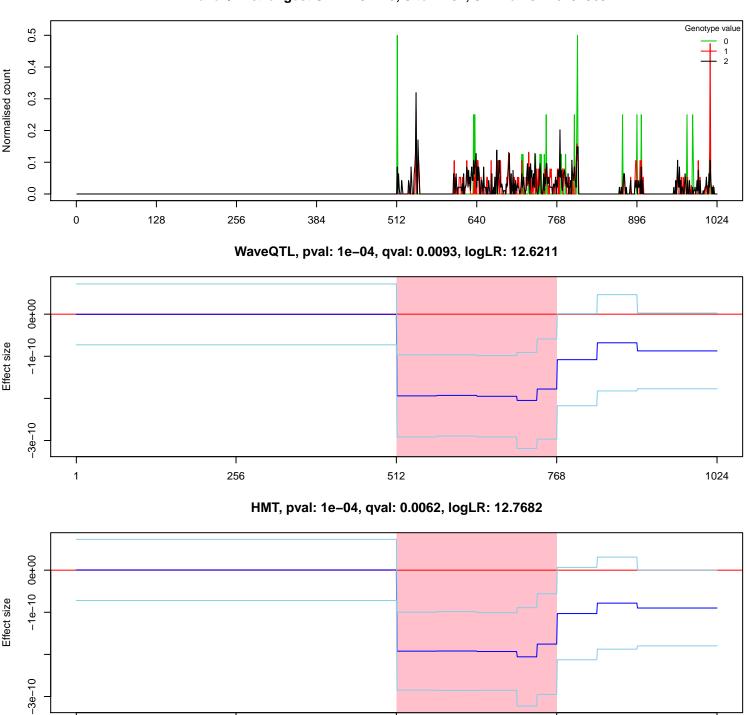
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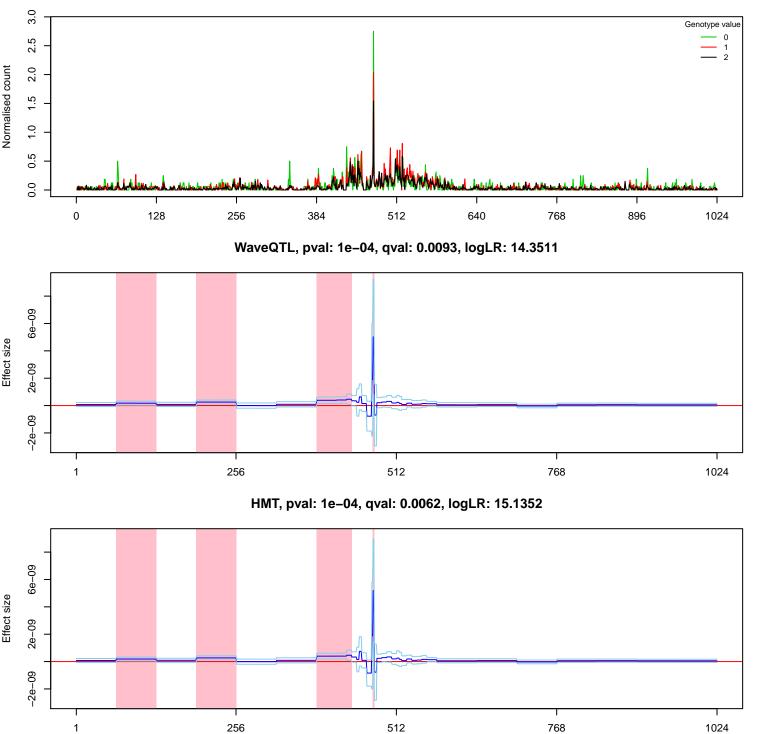
HMT strongest SNP - Chr: 9, Site: 1131, SNP: chr9.116131369



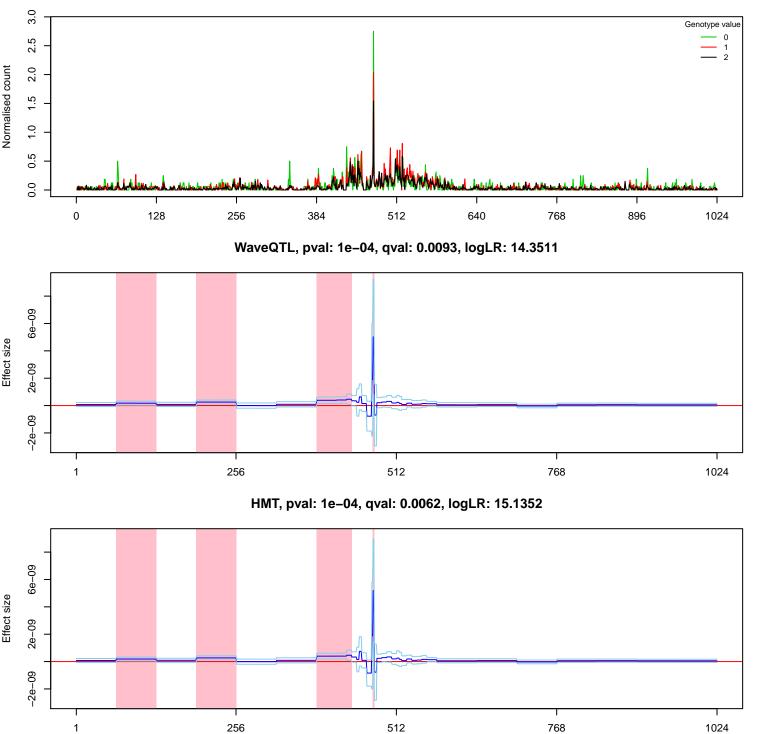
WaveQTL strongest SNP - Chr: 9, Site: 1131, SNP: chr9.116131369

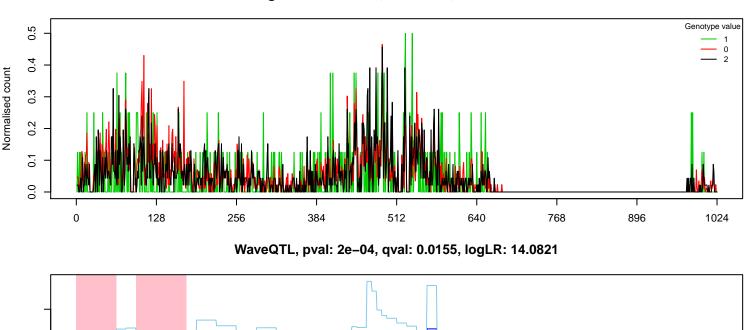


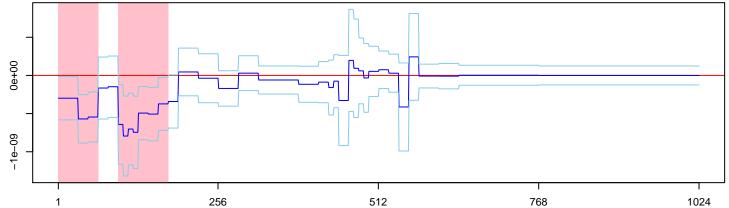
HMT strongest SNP - Chr: 9, Site: 1477, SNP: chr9.129743610

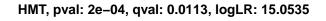


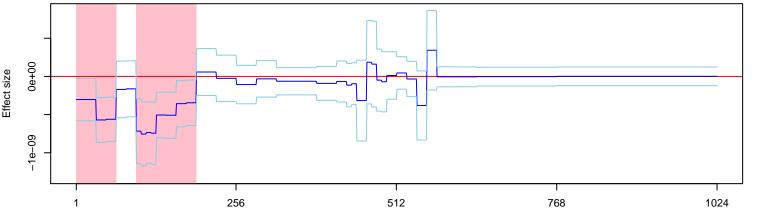
WaveQTL strongest SNP - Chr: 9, Site: 1477, SNP: chr9.129743610



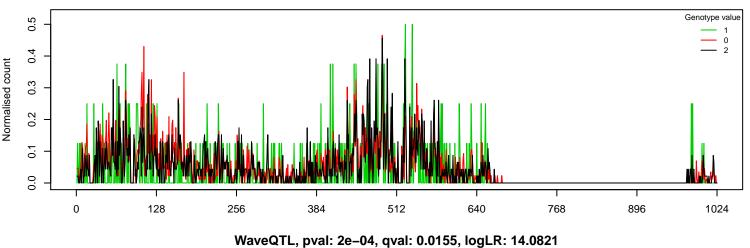


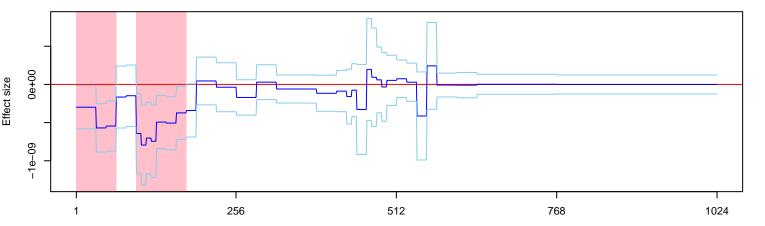




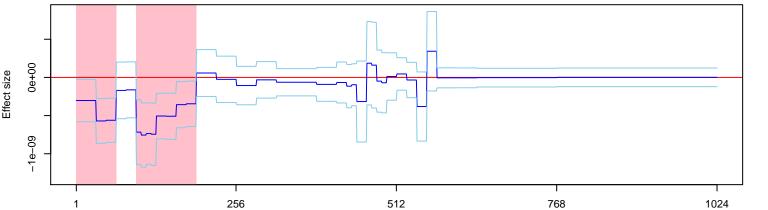


WaveQTL strongest SNP - Chr: 9, Site: 1568, SNP: chr9.130750227

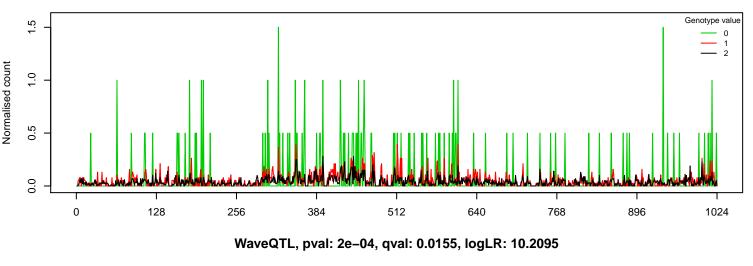


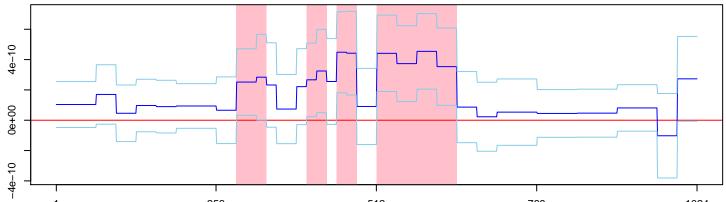


HMT, pval: 2e-04, qval: 0.0113, logLR: 15.0535



HMT strongest SNP - Chr: 9, Site: 1580, SNP: chr9.130951056





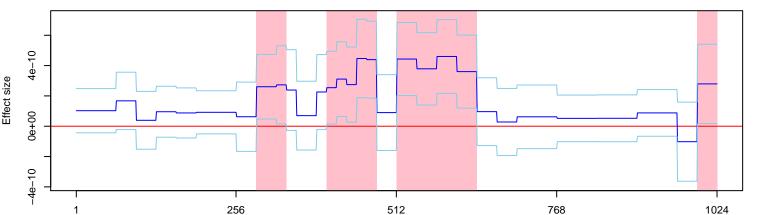
512

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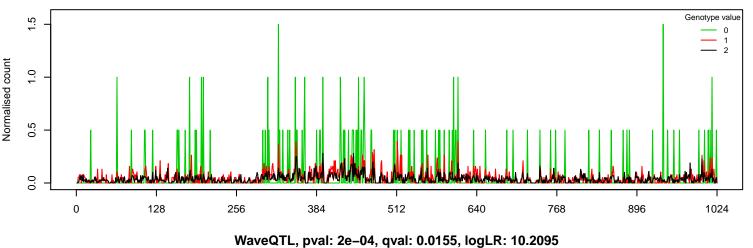
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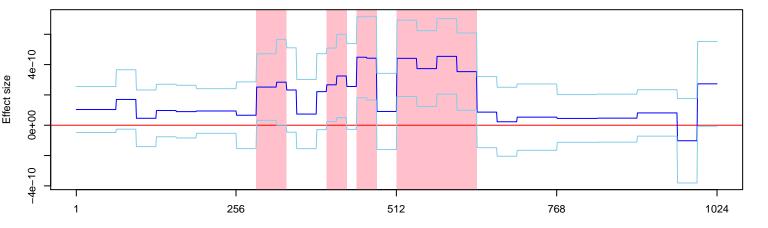
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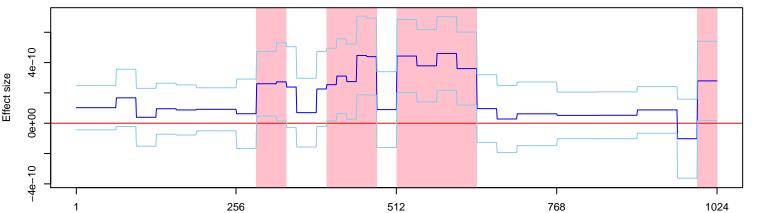


WaveQTL strongest SNP - Chr: 9, Site: 1580, SNP: chr9.130951056

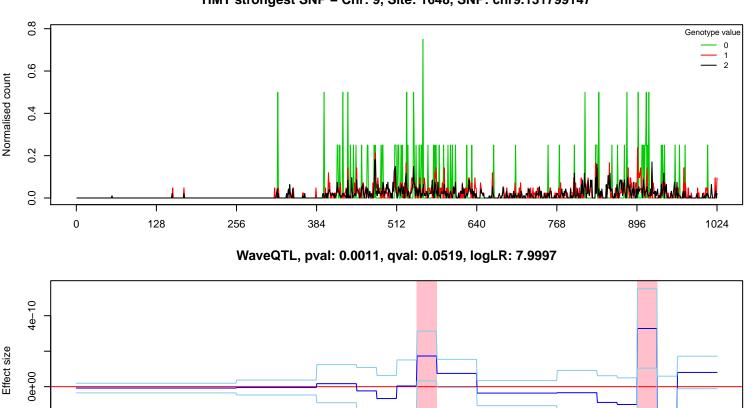




HMT, pval: 1e-04, qval: 0.0062, logLR: 10.4213



HMT strongest SNP - Chr: 9, Site: 1648, SNP: chr9.131799147



HMT, pval: 0.001, qval: 0.0394, logLR: 8.1487

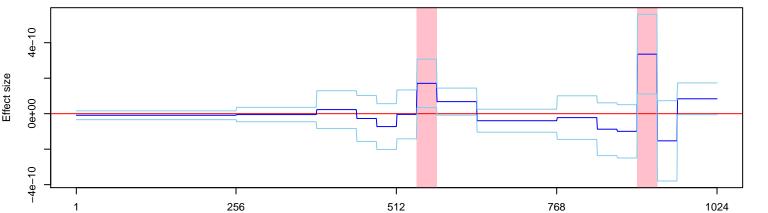
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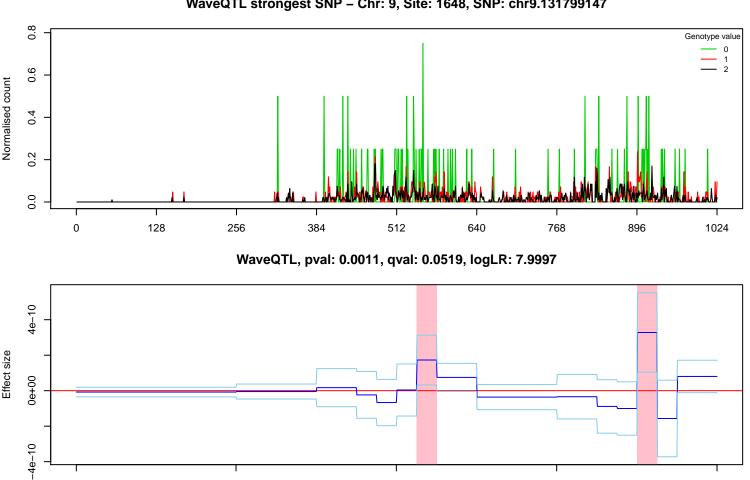
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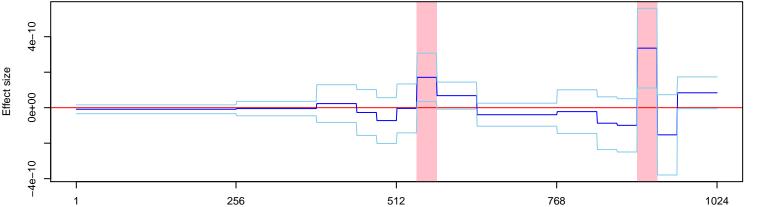
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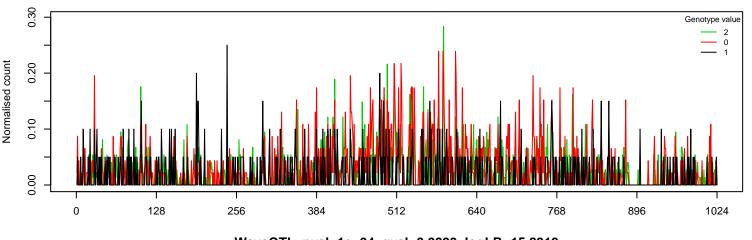
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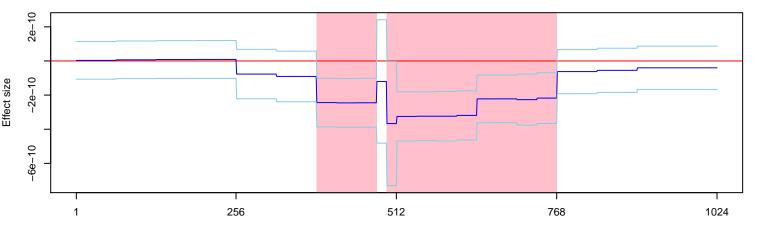
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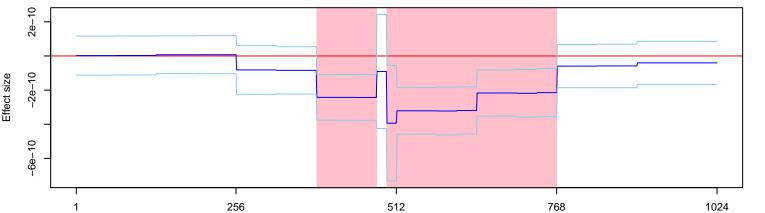
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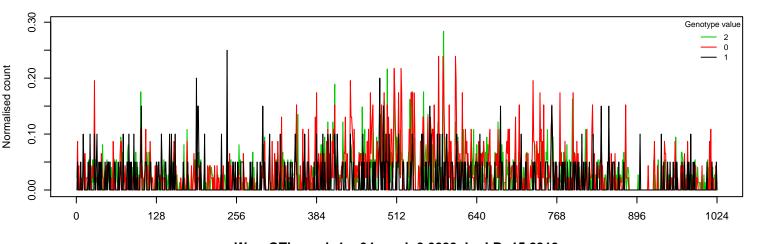
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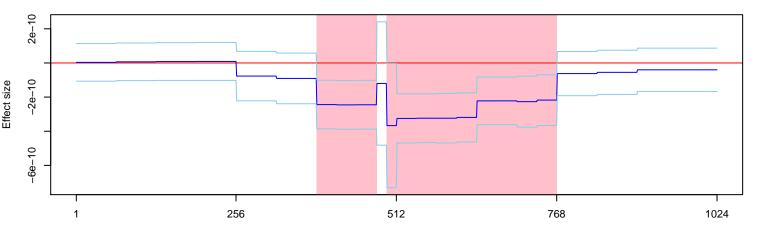
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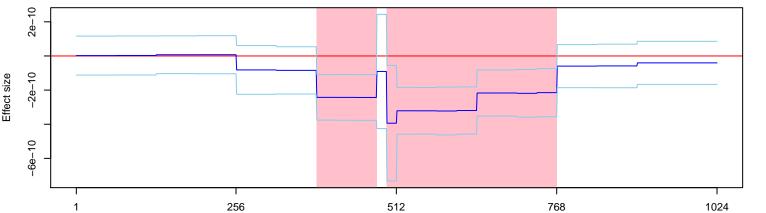
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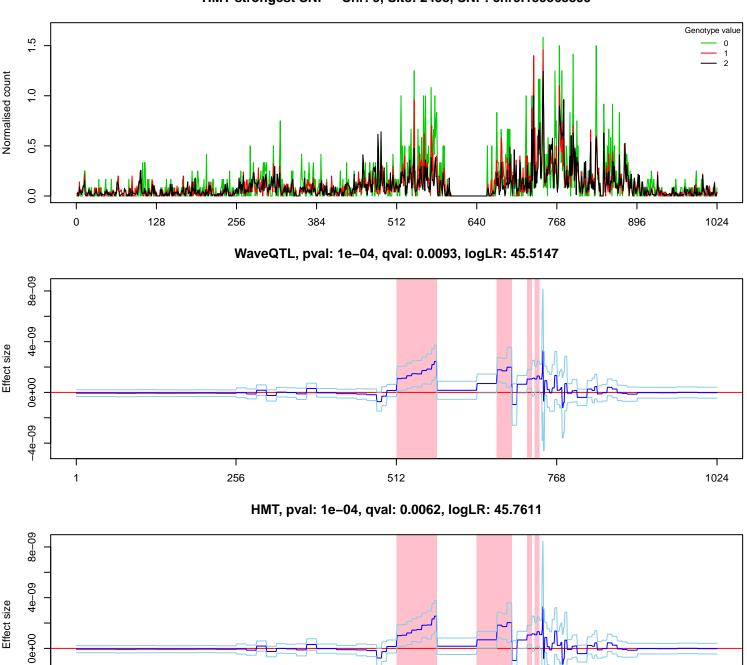
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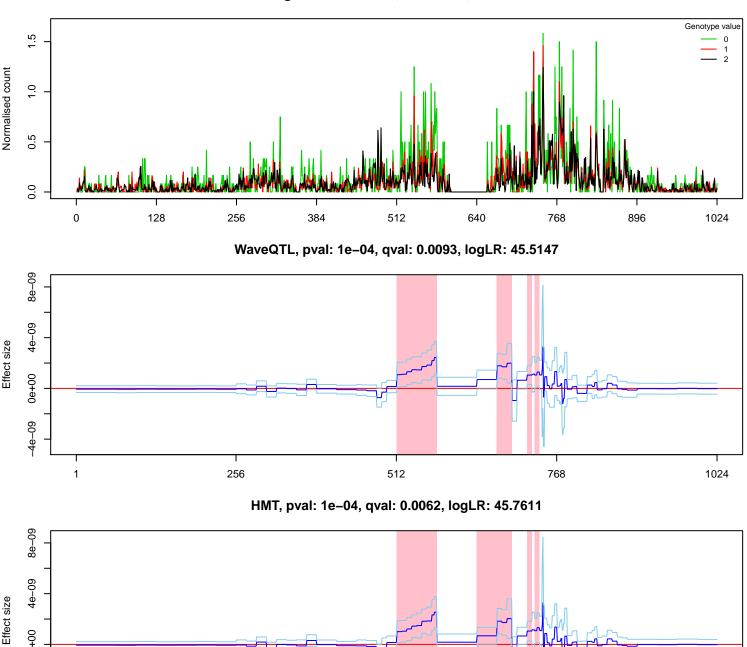


HMT strongest SNP - Chr: 9, Site: 2453, SNP: chr9.139563899



-4e-09

WaveQTL strongest SNP - Chr: 9, Site: 2453, SNP: chr9.139563899



512

768

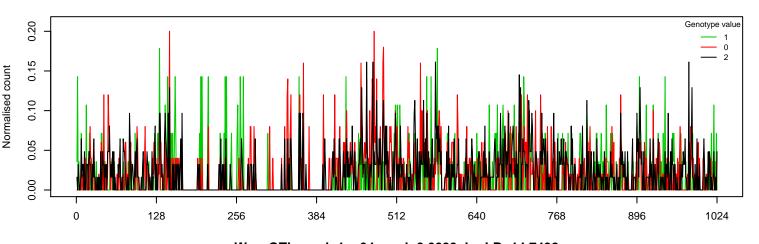
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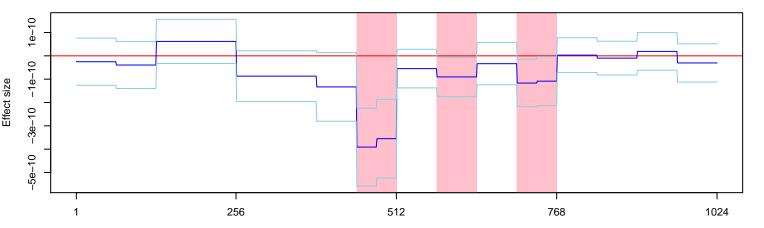
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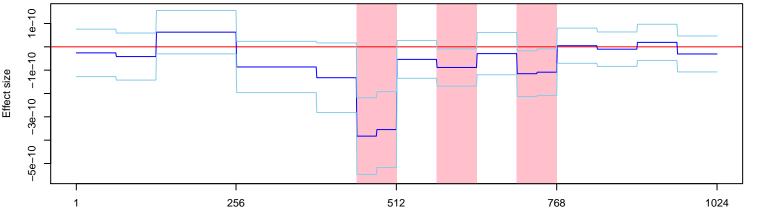
HMT strongest SNP - Chr: 10, Site: 18, SNP: chr10.594437



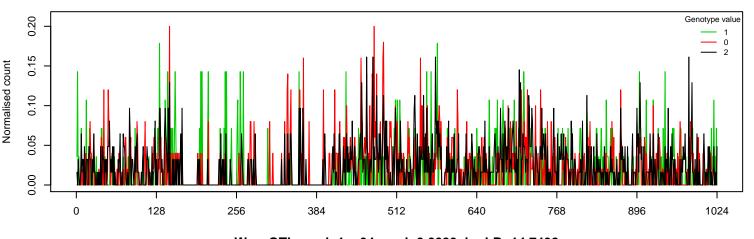
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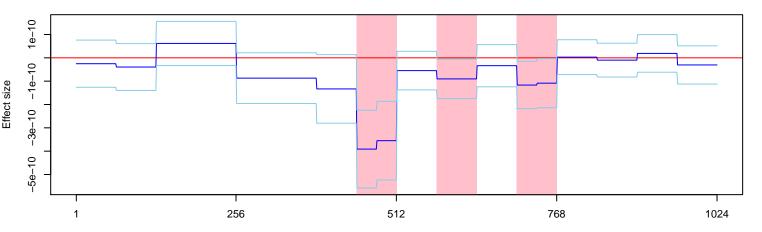
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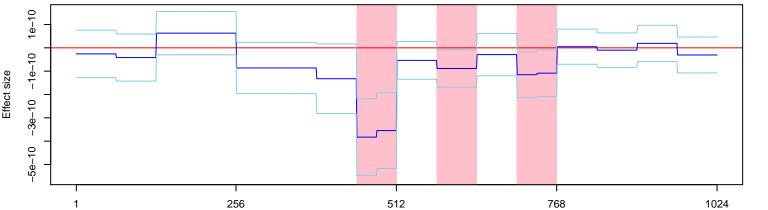
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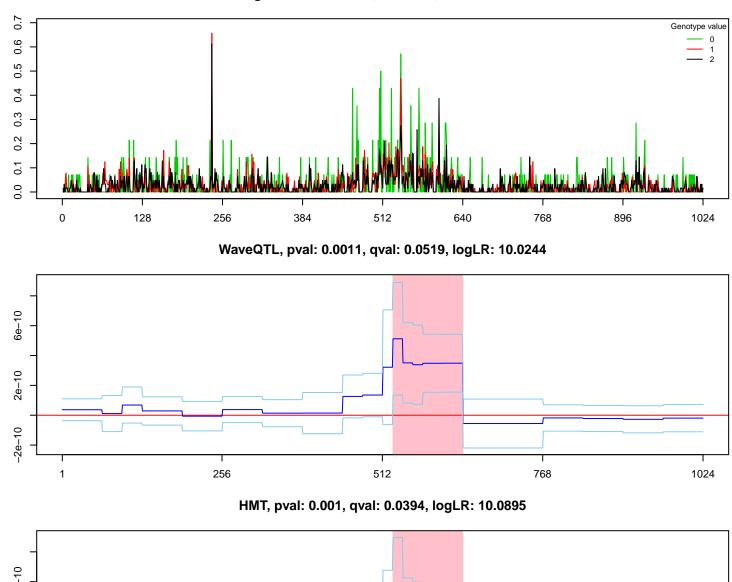
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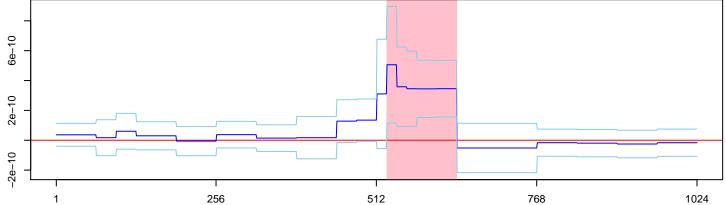
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Normalised count

Effect size

Effect size

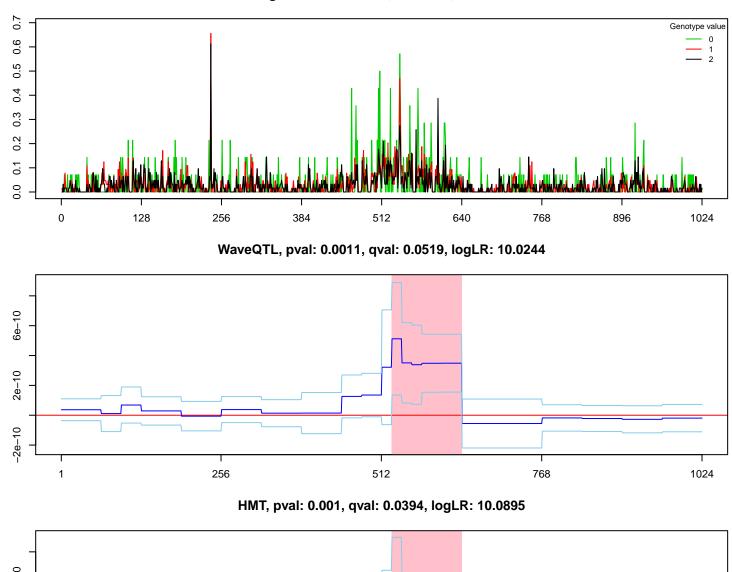


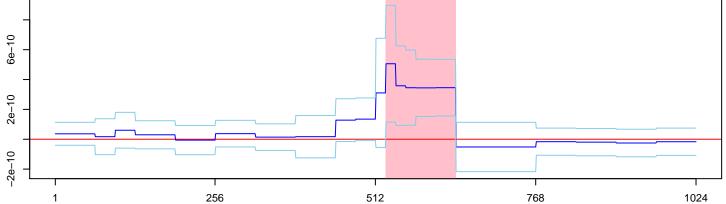
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Normalised count

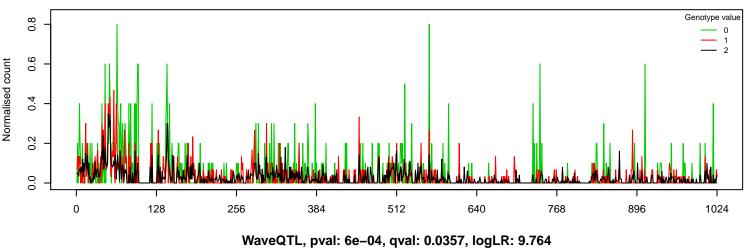
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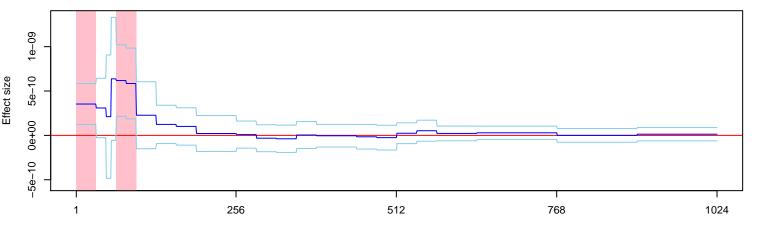
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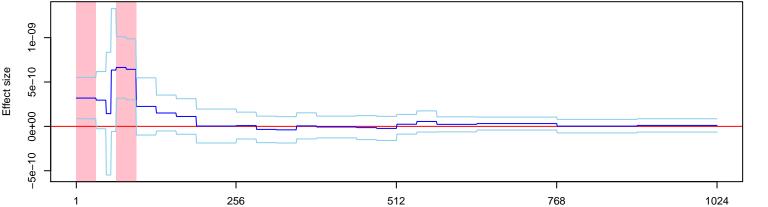


HMT strongest SNP - Chr: 10, Site: 392, SNP: chr10.27572749

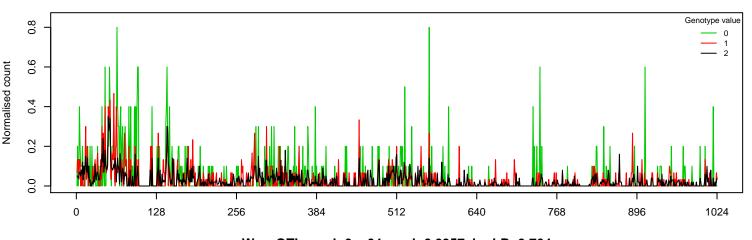




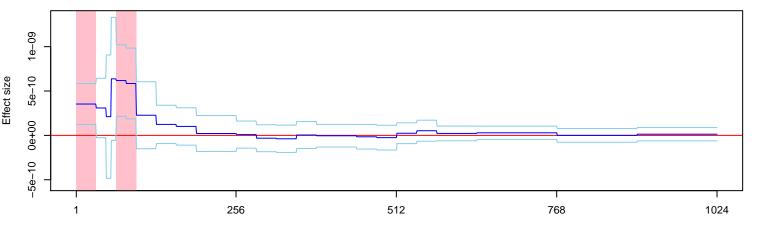
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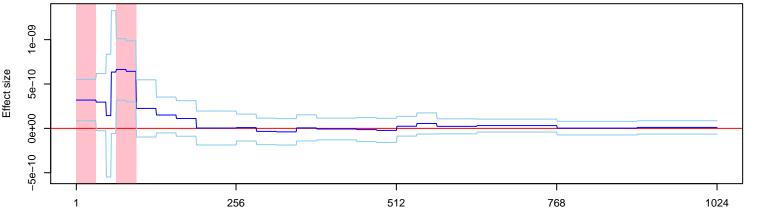
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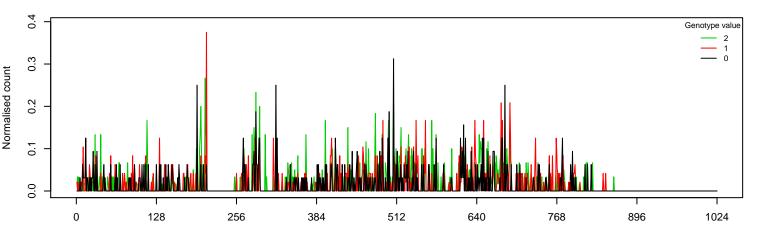
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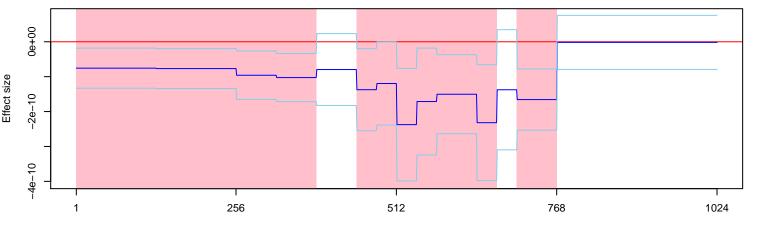
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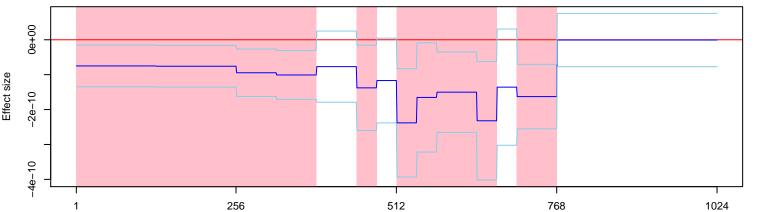
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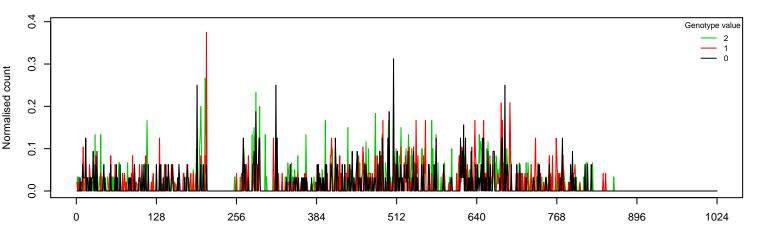
WaveQTL, pval: 1e-04, qval: 0.0093, logLR: 15.807



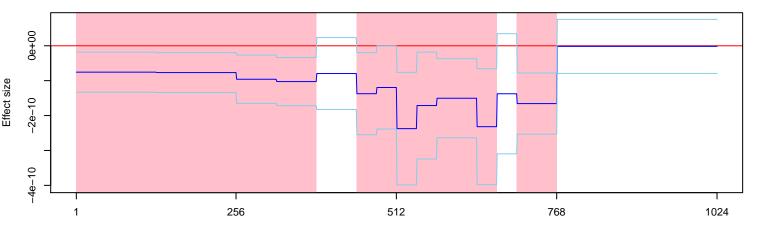
HMT, pval: 1e-04, qval: 0.0062, logLR: 15.8399



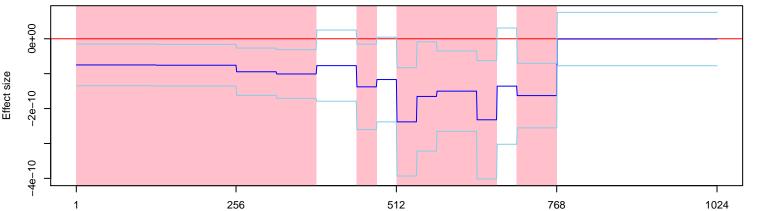
WaveQTL strongest SNP - Chr: 10, Site: 456, SNP: chr10.32290937



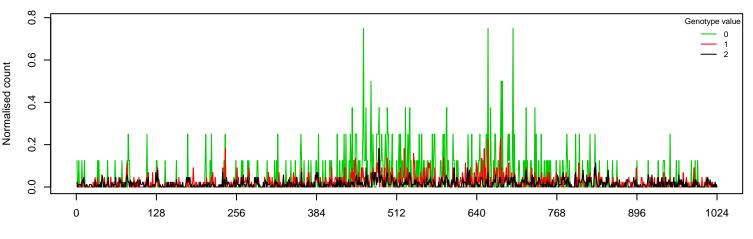
WaveQTL, pval: 1e-04, qval: 0.0093, logLR: 15.807



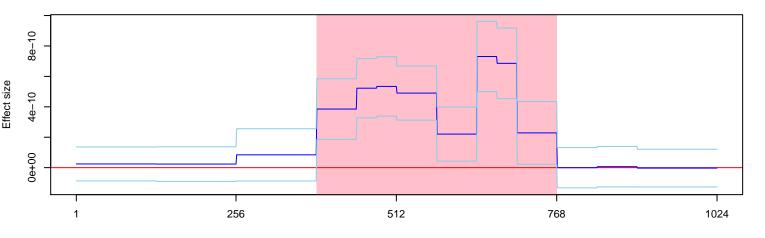
HMT, pval: 1e-04, qval: 0.0062, logLR: 15.8399



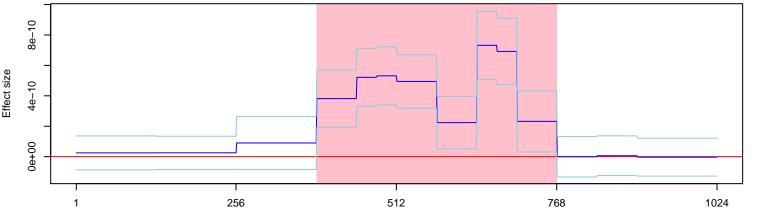
HMT strongest SNP - Chr: 10, Site: 1089, SNP: chr10.80010508



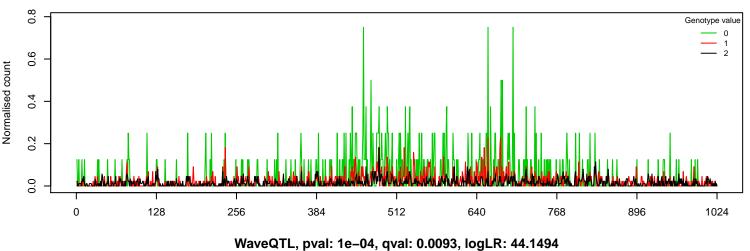
WaveQTL, pval: 1e-04, qval: 0.0093, logLR: 44.1494

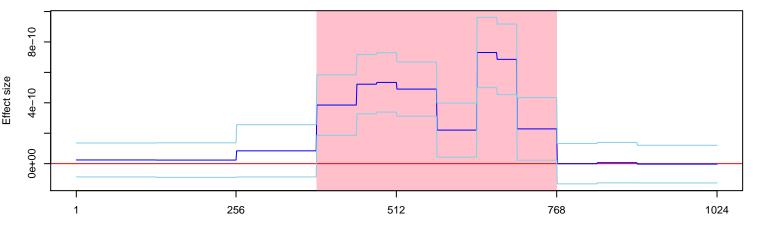


HMT, pval: 1e-04, qval: 0.0062, logLR: 44.2189

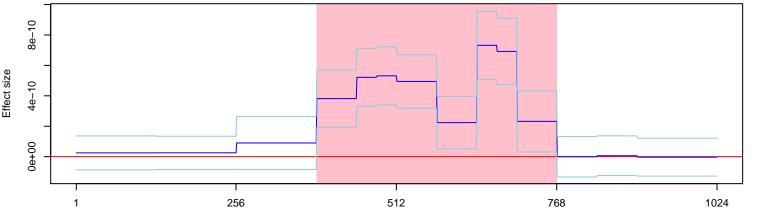


WaveQTL strongest SNP - Chr: 10, Site: 1089, SNP: chr10.80010508

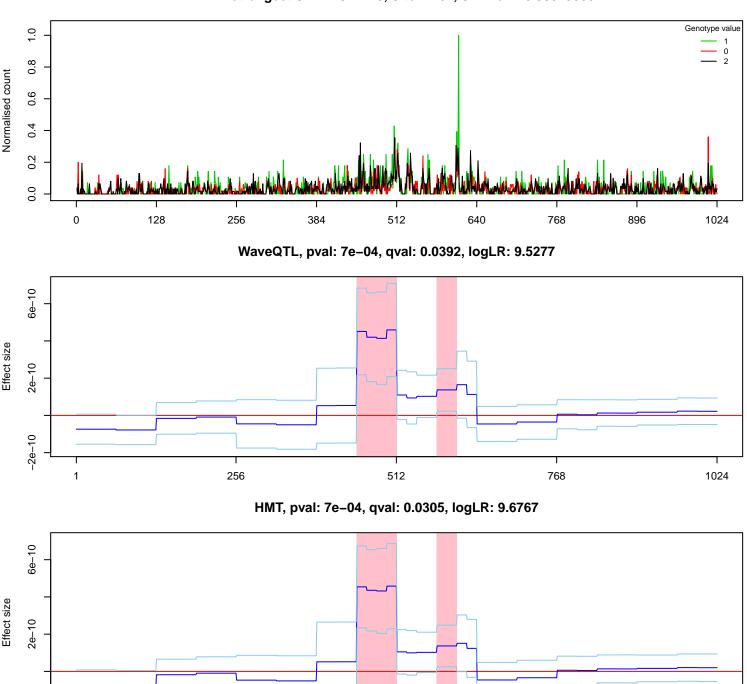




HMT, pval: 1e-04, qval: 0.0062, logLR: 44.2189

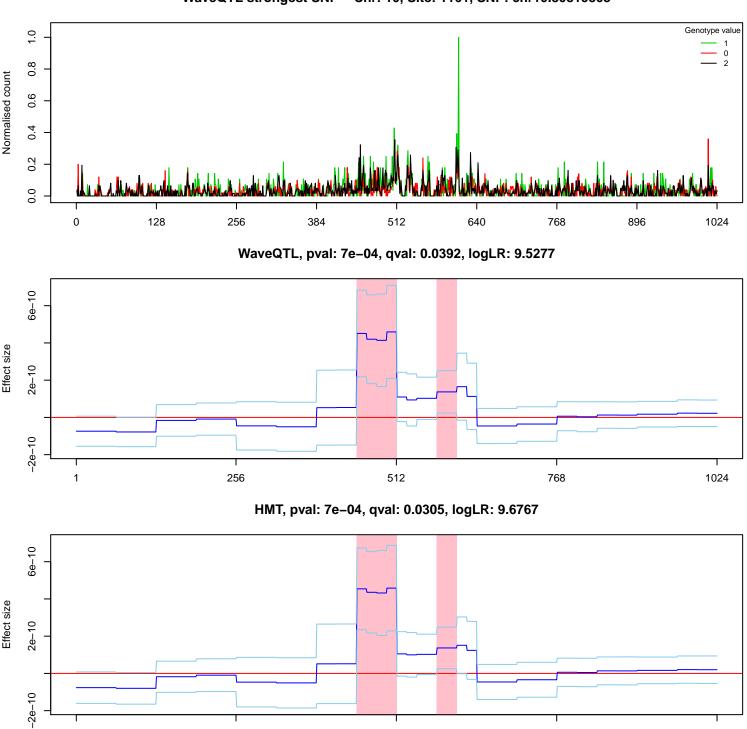


HMT strongest SNP - Chr: 10, Site: 1161, SNP: chr10.80819803

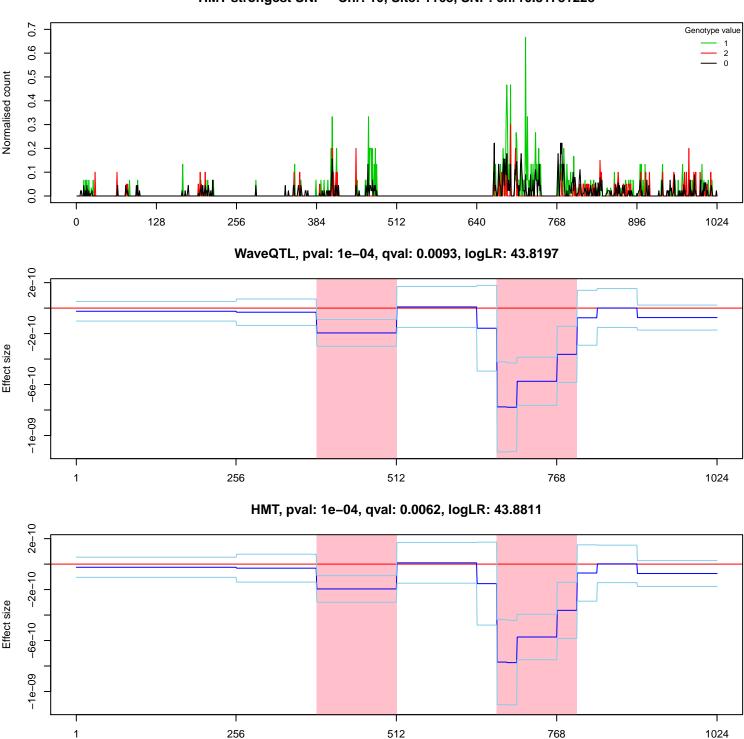


-2e-10

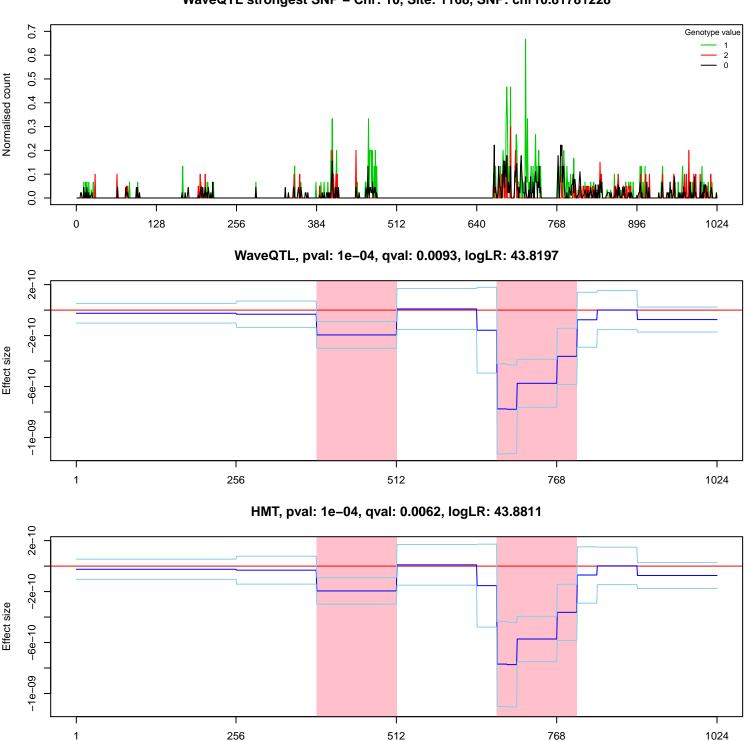
WaveQTL strongest SNP - Chr: 10, Site: 1161, SNP: chr10.80819803



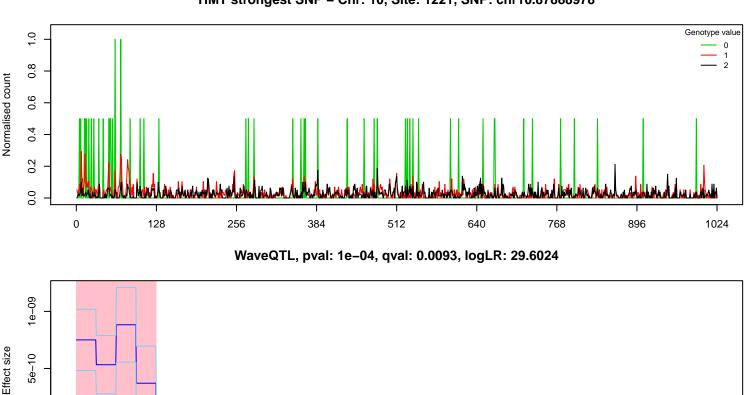
HMT strongest SNP - Chr: 10, Site: 1168, SNP: chr10.81781228

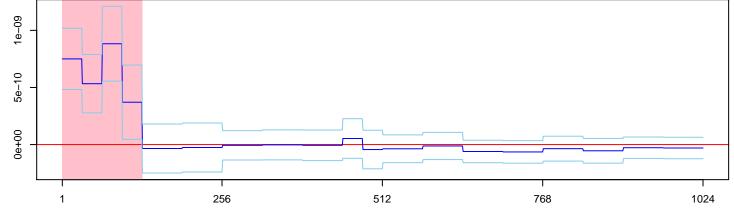


WaveQTL strongest SNP - Chr: 10, Site: 1168, SNP: chr10.81781228

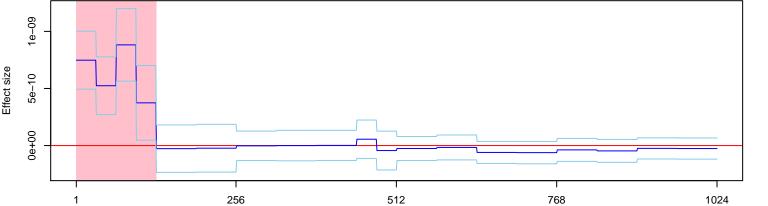


HMT strongest SNP - Chr: 10, Site: 1221, SNP: chr10.87888978

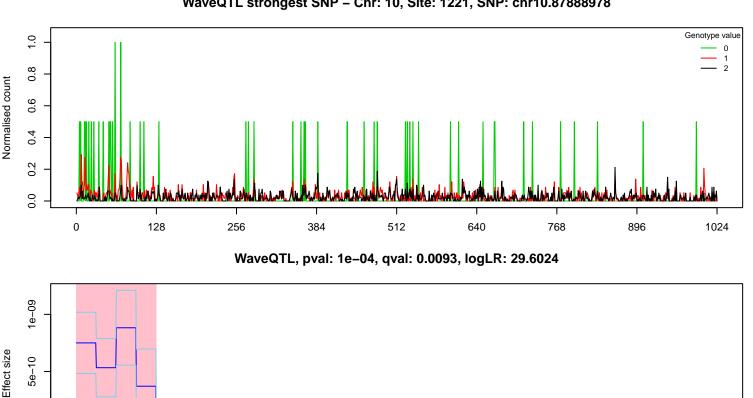


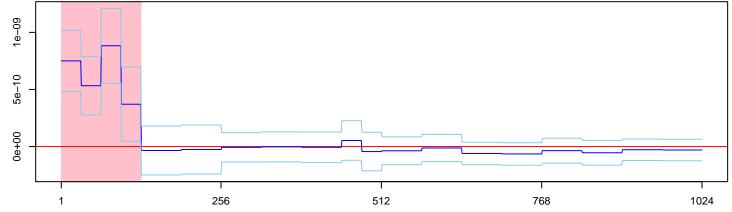


HMT, pval: 1e-04, qval: 0.0062, logLR: 29.7011

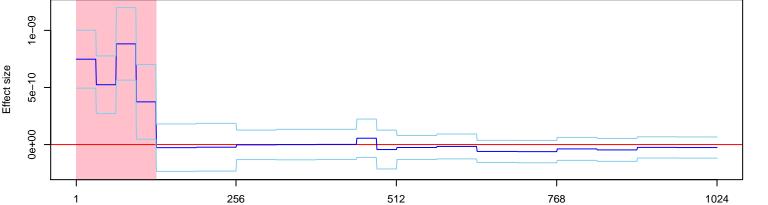


WaveQTL strongest SNP - Chr: 10, Site: 1221, SNP: chr10.87888978

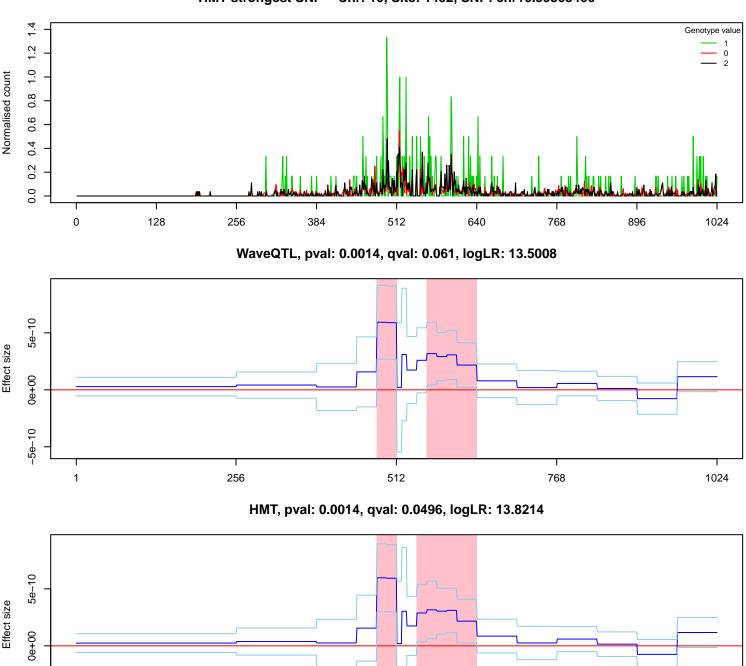




HMT, pval: 1e-04, qval: 0.0062, logLR: 29.7011

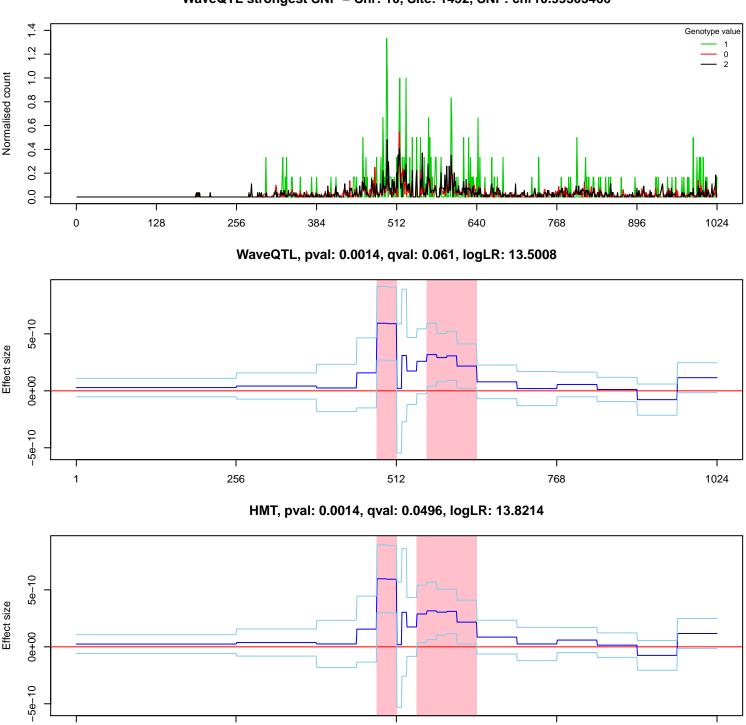


HMT strongest SNP - Chr: 10, Site: 1452, SNP: chr10.99303466

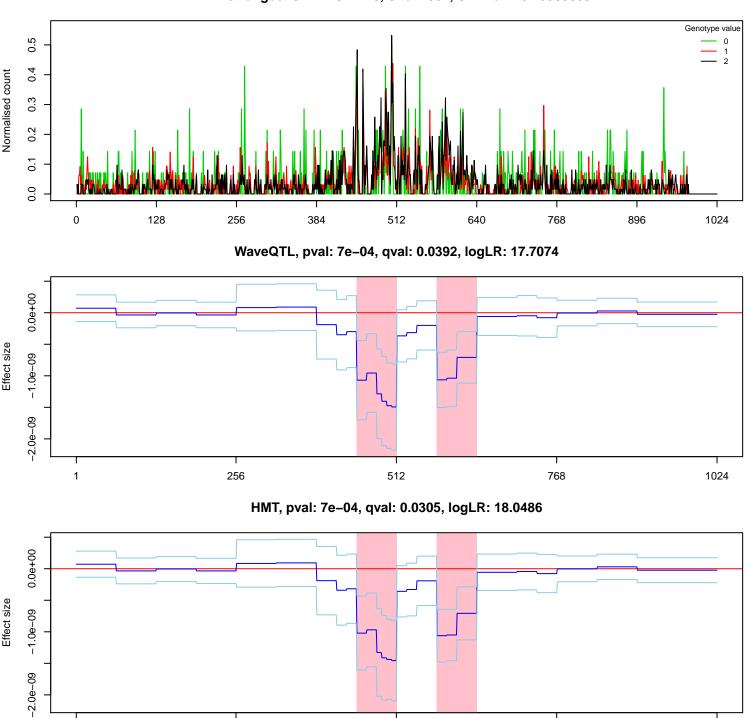


-5e-10

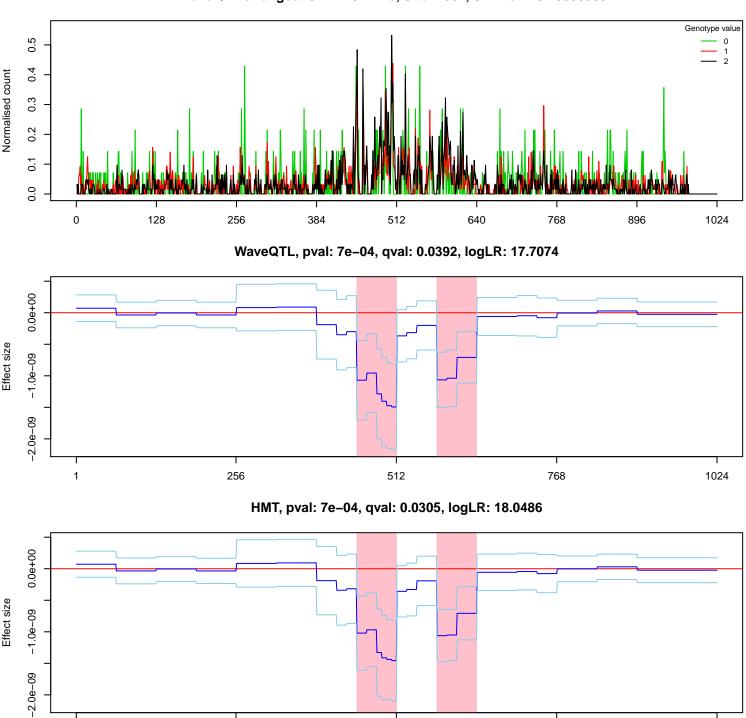
WaveQTL strongest SNP - Chr: 10, Site: 1452, SNP: chr10.99303466



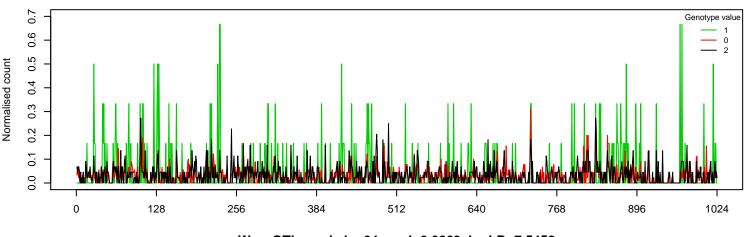
HMT strongest SNP - Chr: 10, Site: 2081, SNP: chr10.133850952



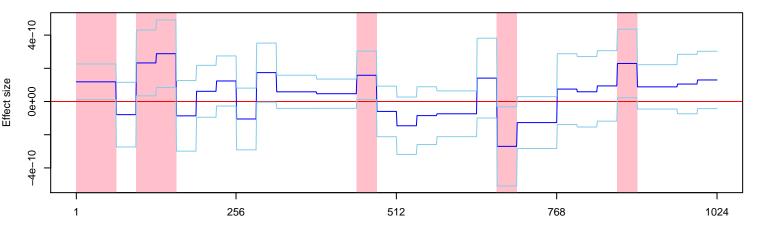
WaveQTL strongest SNP - Chr: 10, Site: 2081, SNP: chr10.133850952



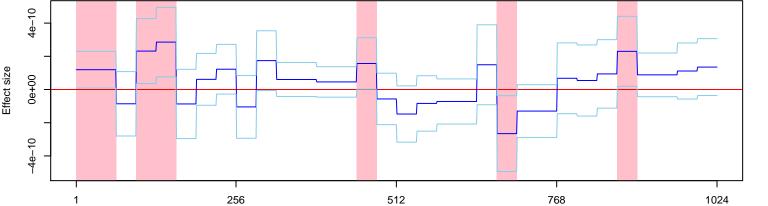
HMT strongest SNP - Chr: 11, Site: 231, SNP: chr11.1215592



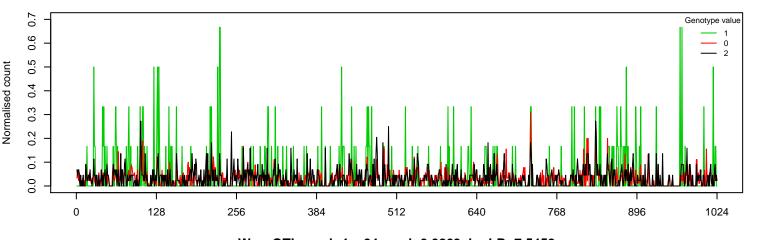
WaveQTL, pval: 4e-04, qval: 0.0263, logLR: 7.5452



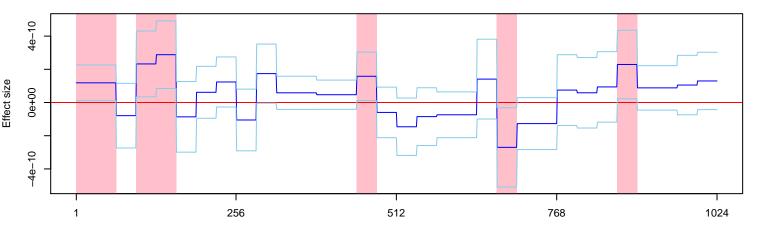
HMT, pval: 5e-04, qval: 0.0233, logLR: 7.62



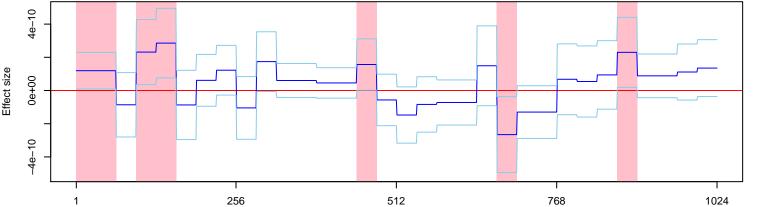
WaveQTL strongest SNP - Chr: 11, Site: 231, SNP: chr11.1215592



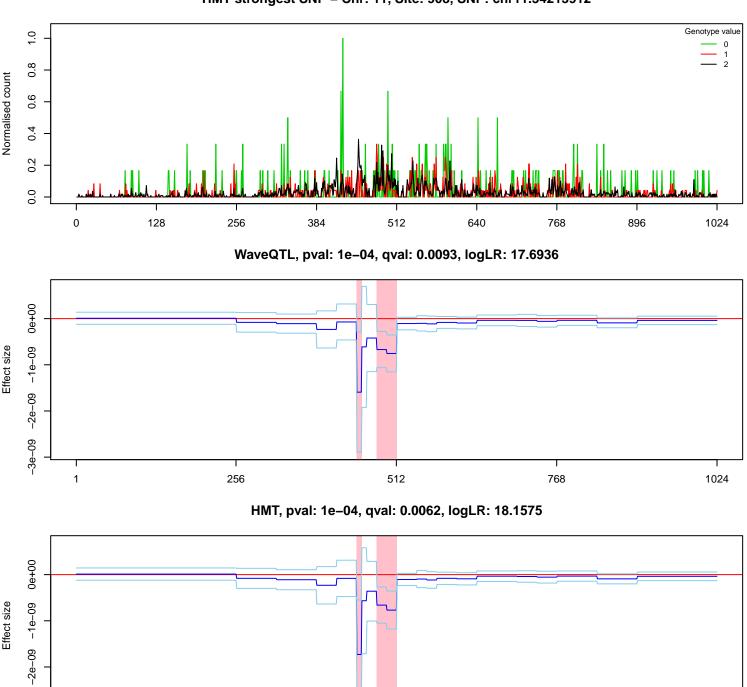
WaveQTL, pval: 4e-04, qval: 0.0263, logLR: 7.5452



HMT, pval: 5e-04, qval: 0.0233, logLR: 7.62



HMT strongest SNP - Chr: 11, Site: 908, SNP: chr11.34213912



-3e-09

WaveQTL strongest SNP - Chr: 11, Site: 908, SNP: chr11.34213912

