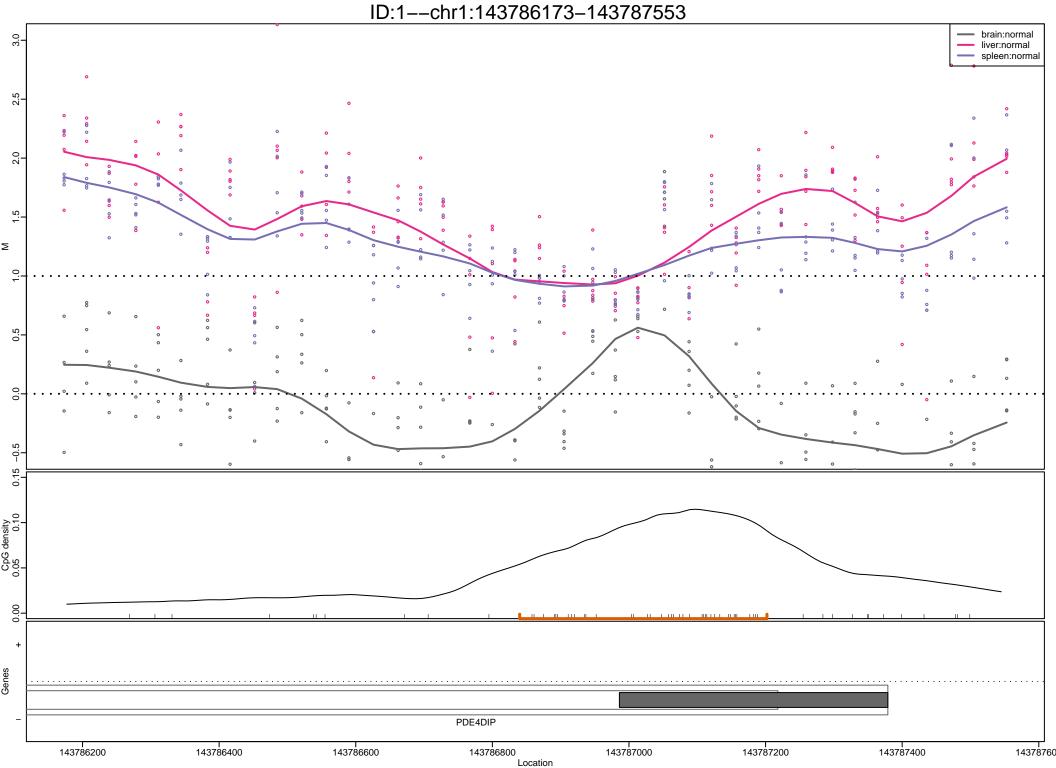
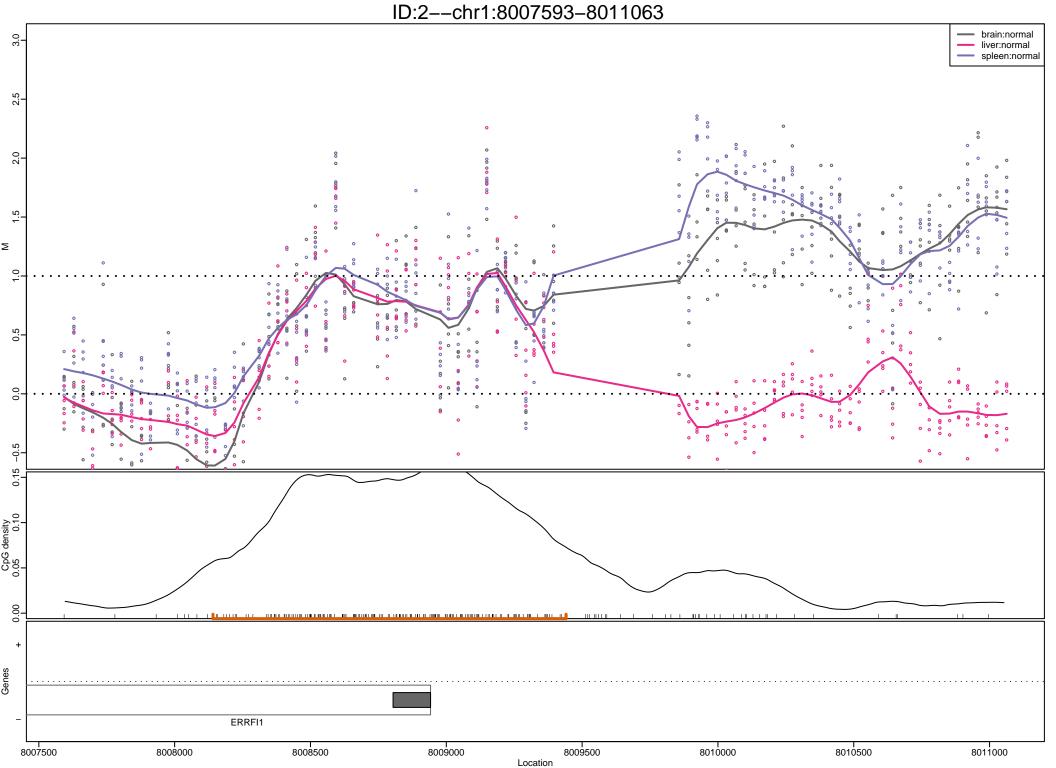
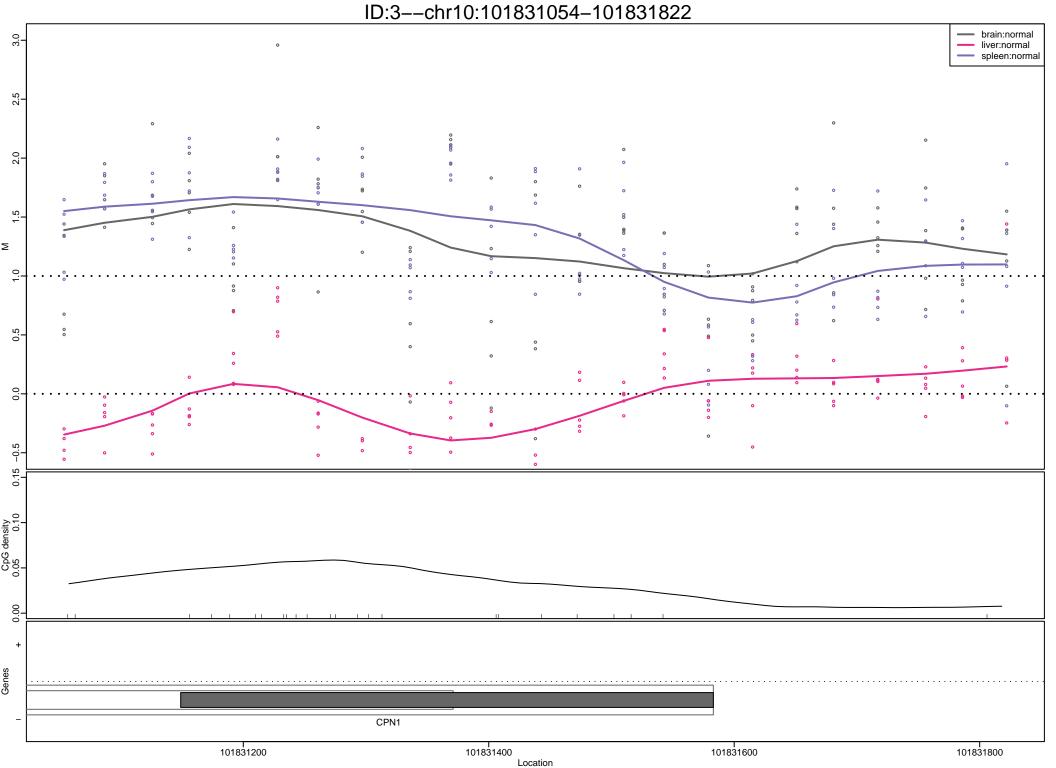
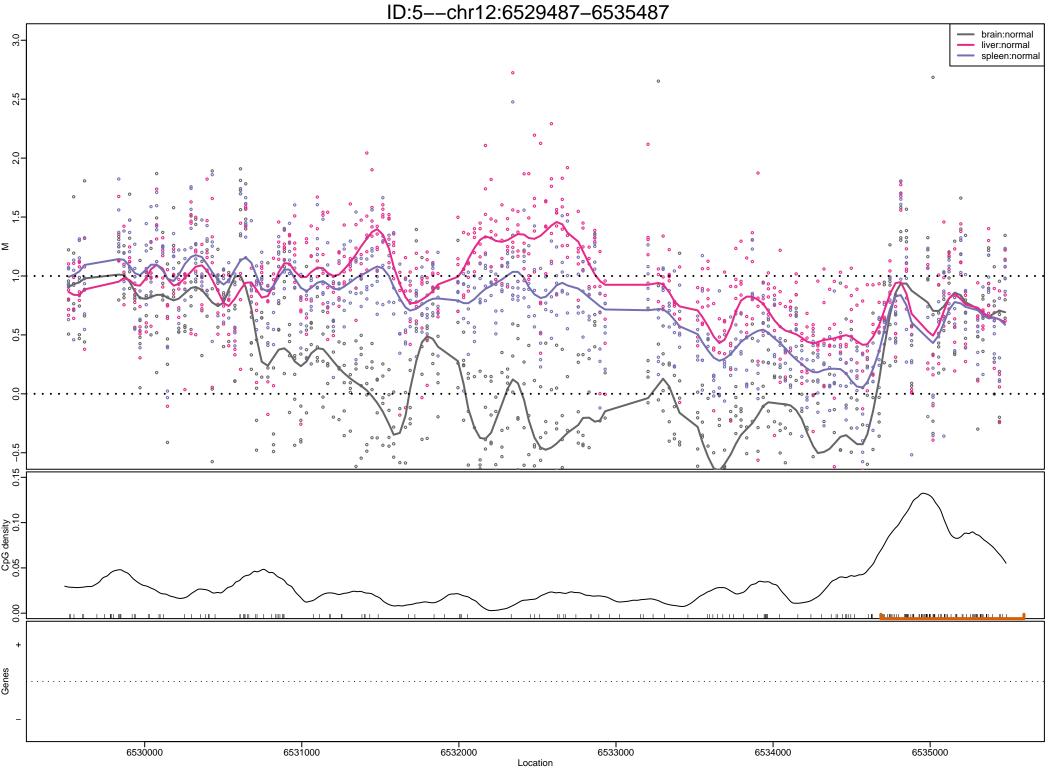
Supplementary Figure 2 | Most tissue-specific differential DNA methylation is located at CpG island shores. The top 50 T-DMRs, ordered by statistical significance. Displays are as in Fig. 1a. The upper panels are plots of *M* value versus genomic location for brain (grey), liver (pink), and spleen (purple). Each point represents the methylation level of an individual sample for a given probe. The curve represents averaged smoothed *M* values, described in detail in the Methods. Due to the scale and standardization used, *M* values which range from -0.5 to 0.5 represent unmethylated sites as defined by the control probes, and values from 0.5 to 1.5 represent baseline levels of methylation. The middle panels provide the location of CpG dinucleotides with black tick marks on the x-axis. CpG density was calculated across the region using a standard density estimator and is represented by the smoothed black line. The location of the CpG island is denoted on the x-axis as an orange line. The lower panels provide gene annotation for the genomic region. The thin outer grey line represents the transcript, the thin inner lines represent a coding region. Filled in grey boxes represent exons. On the y-axis, plus and minus marks denote sense and antisense gene transcription respectively.



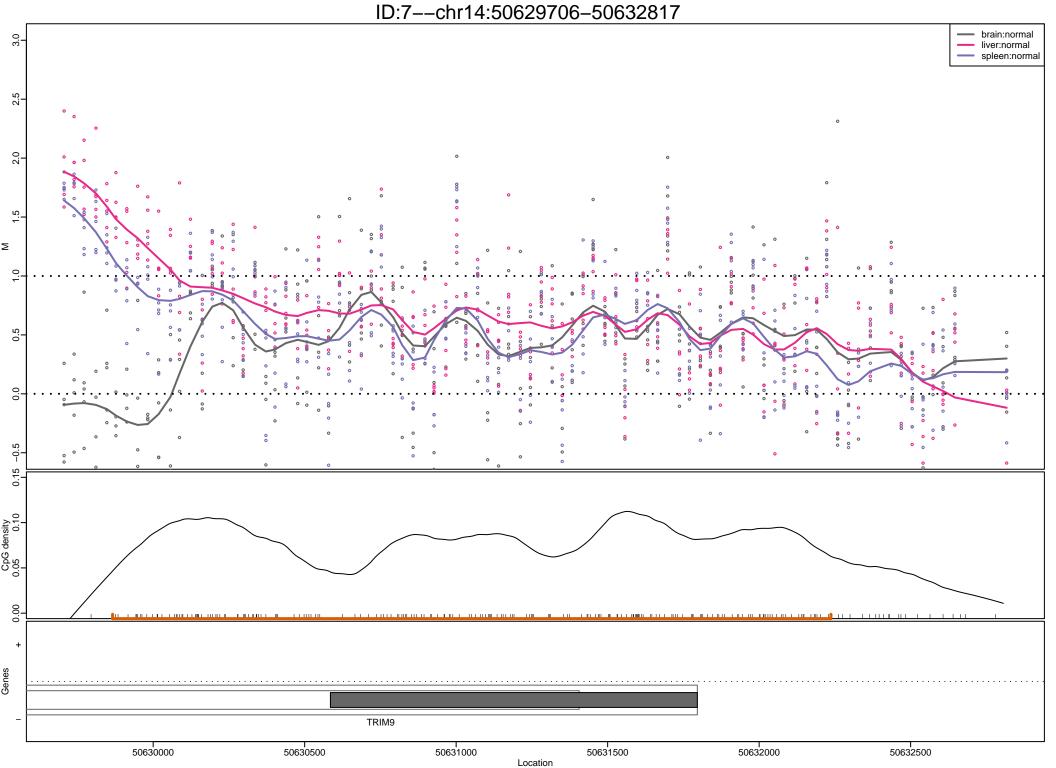


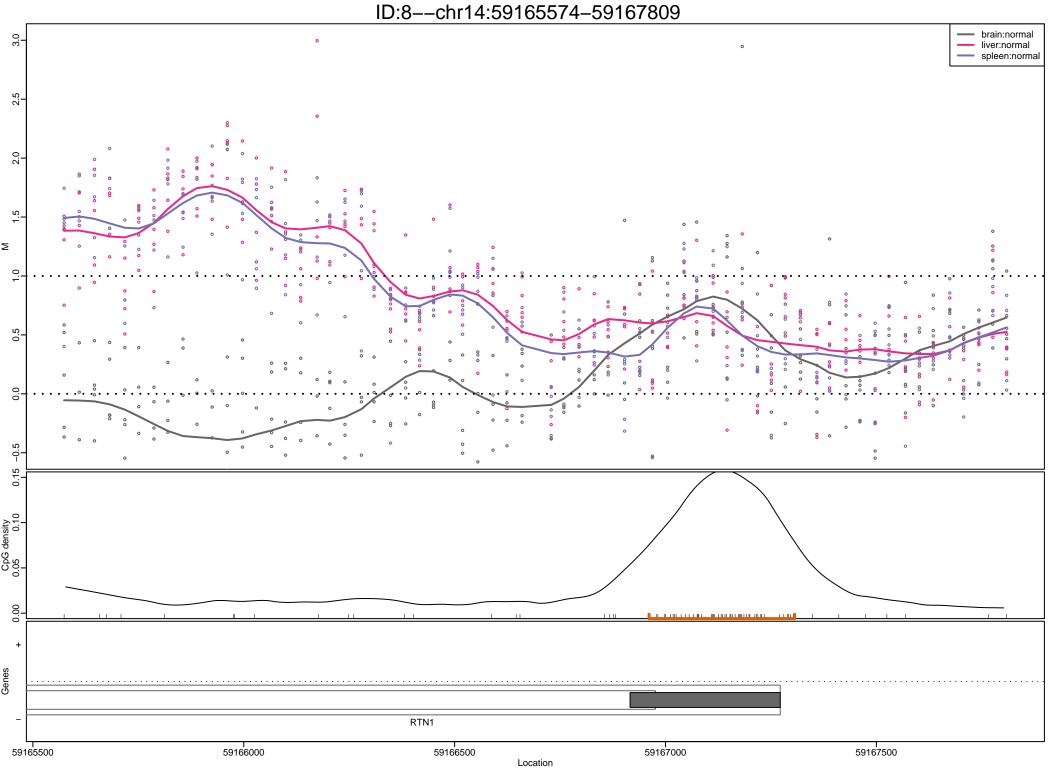


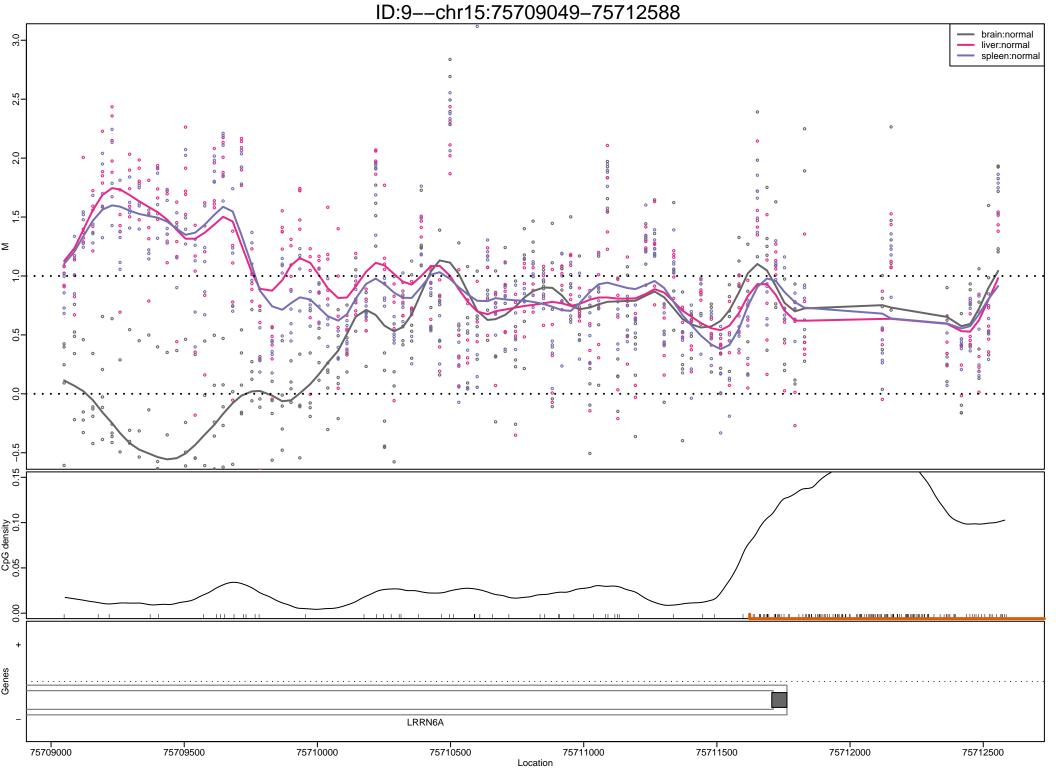
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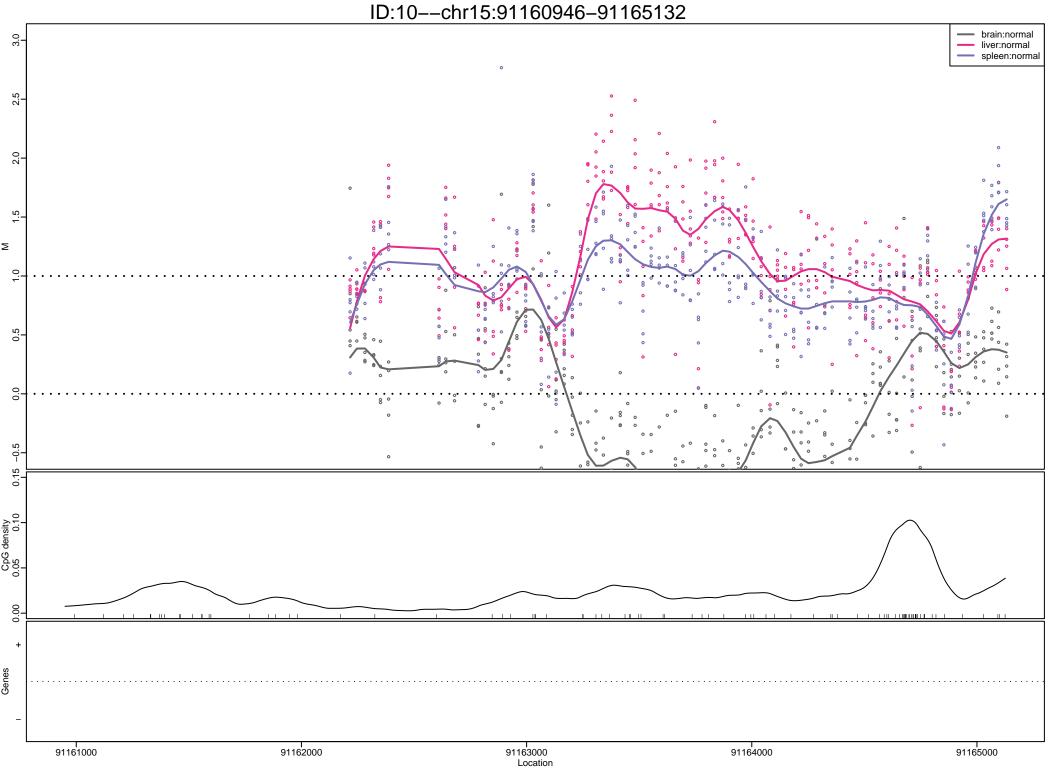


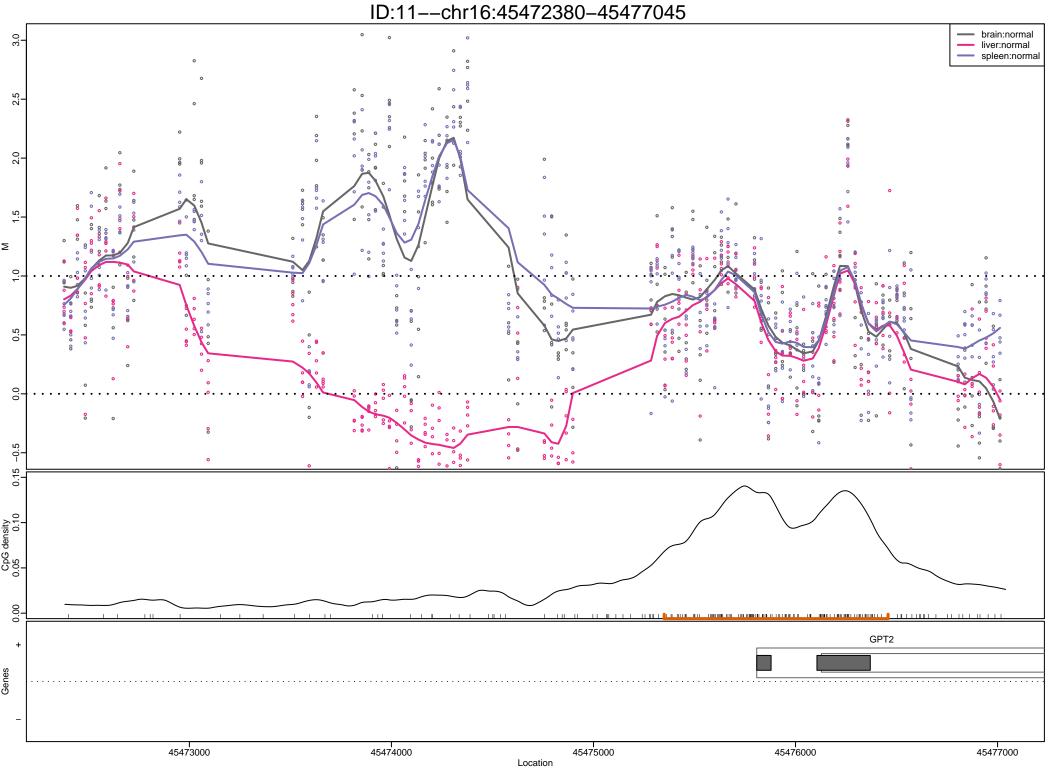
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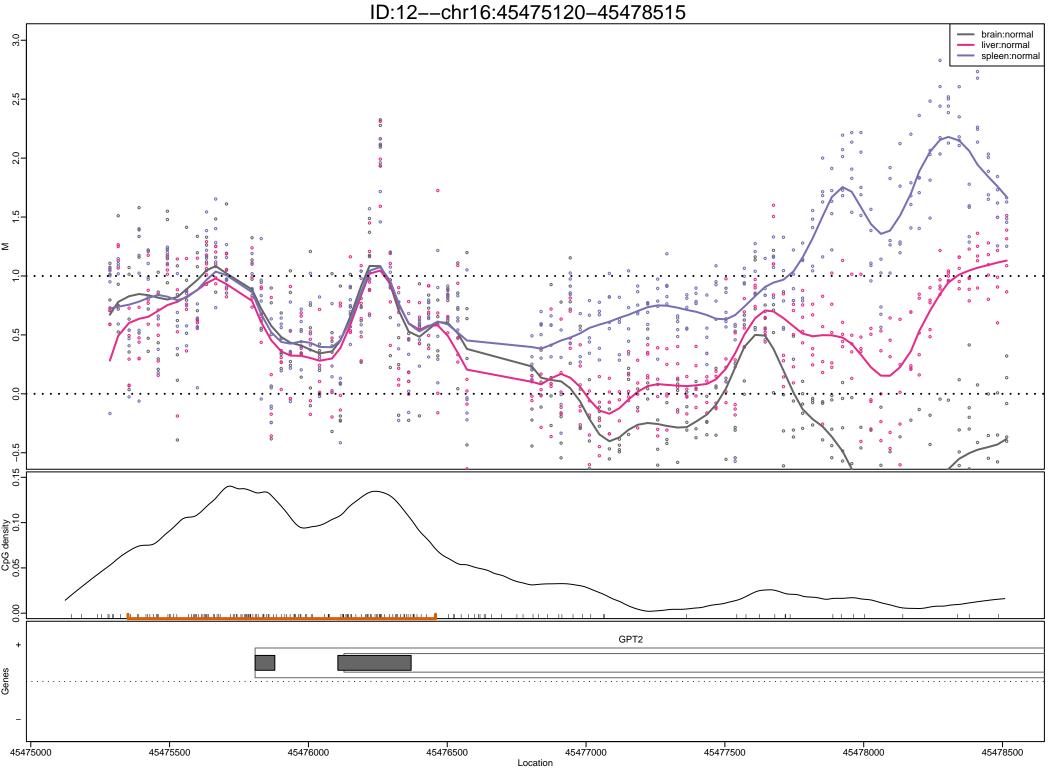


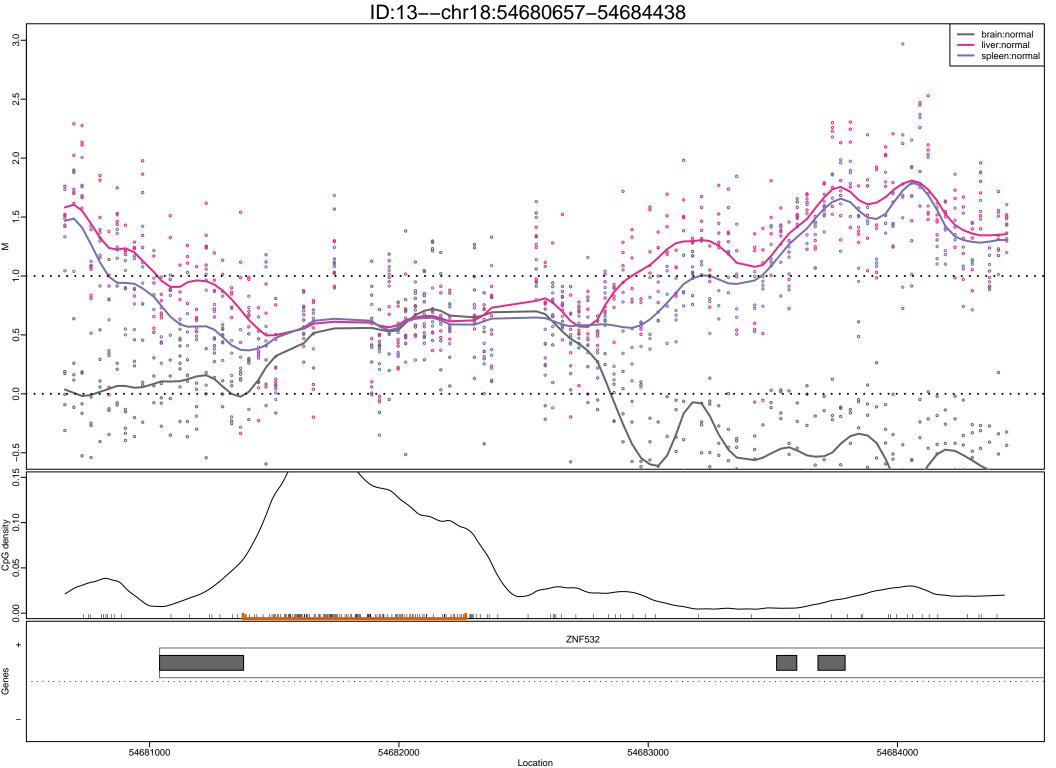


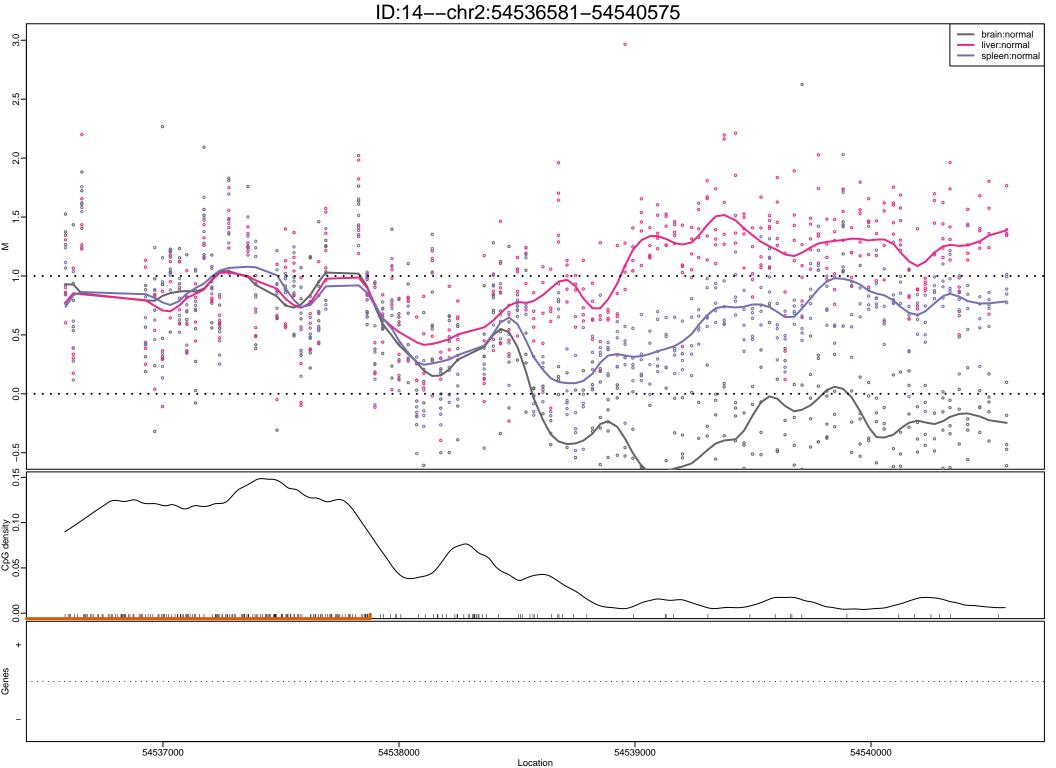


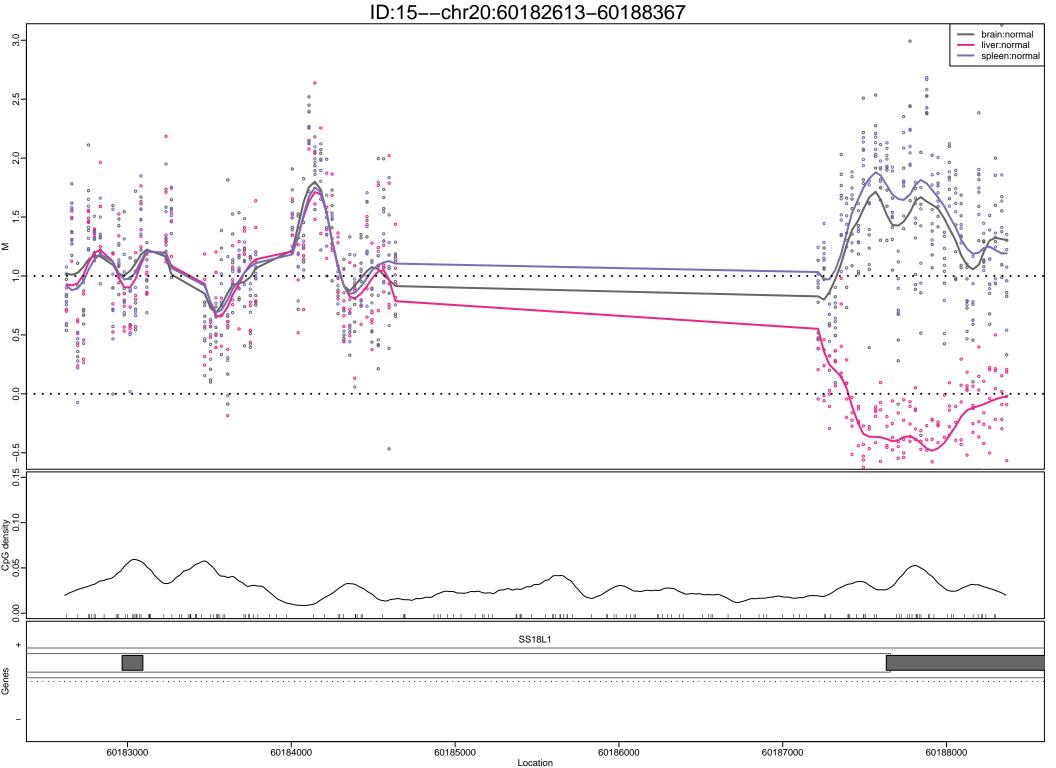


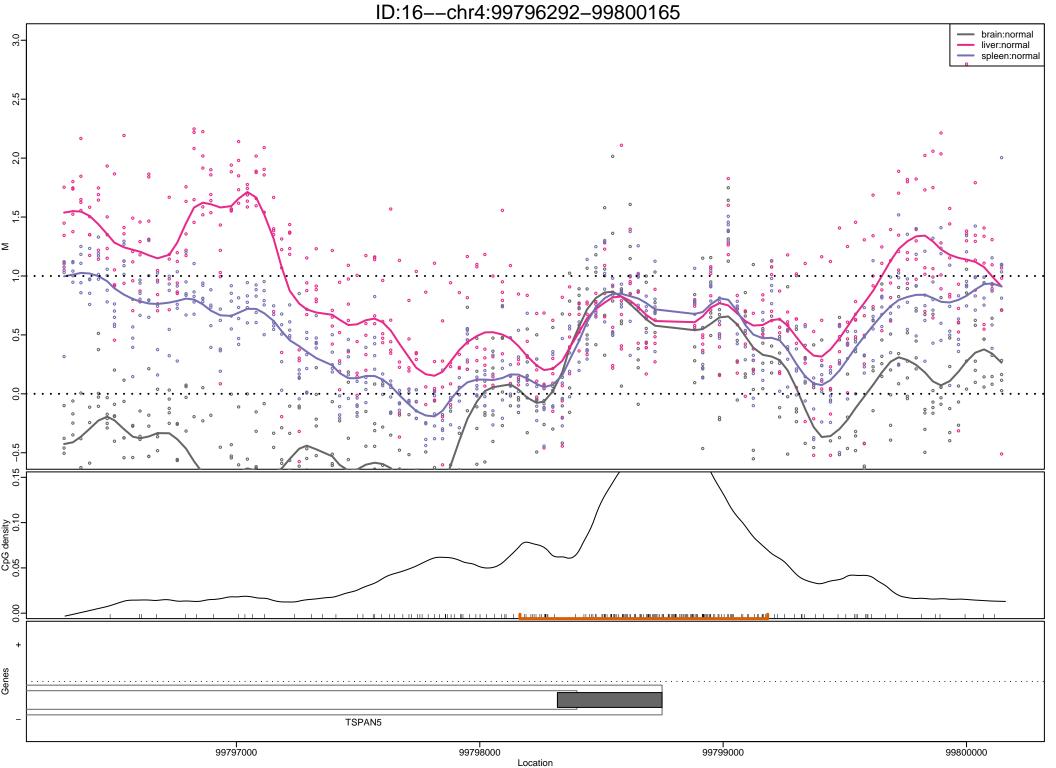


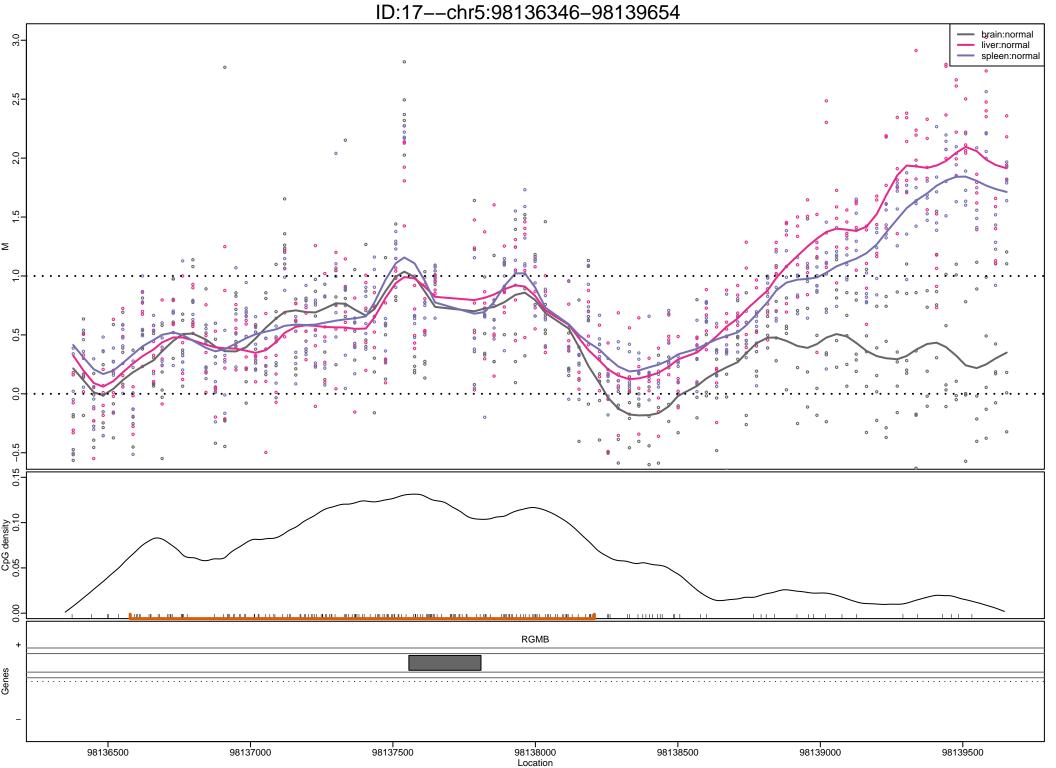


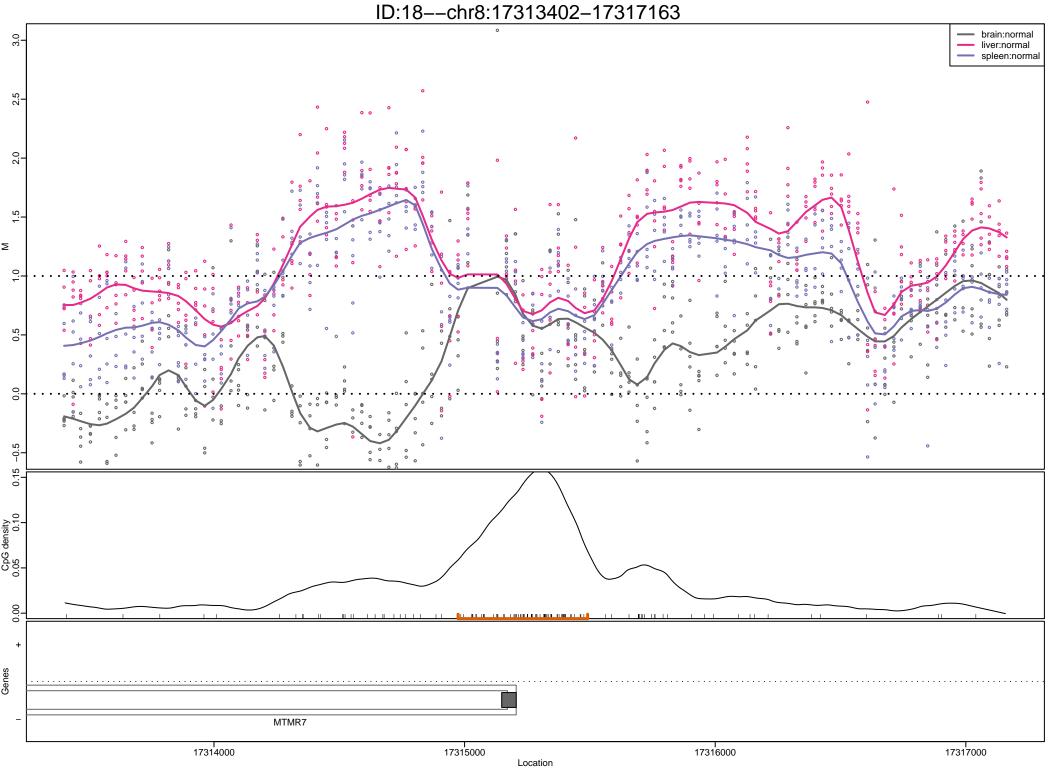


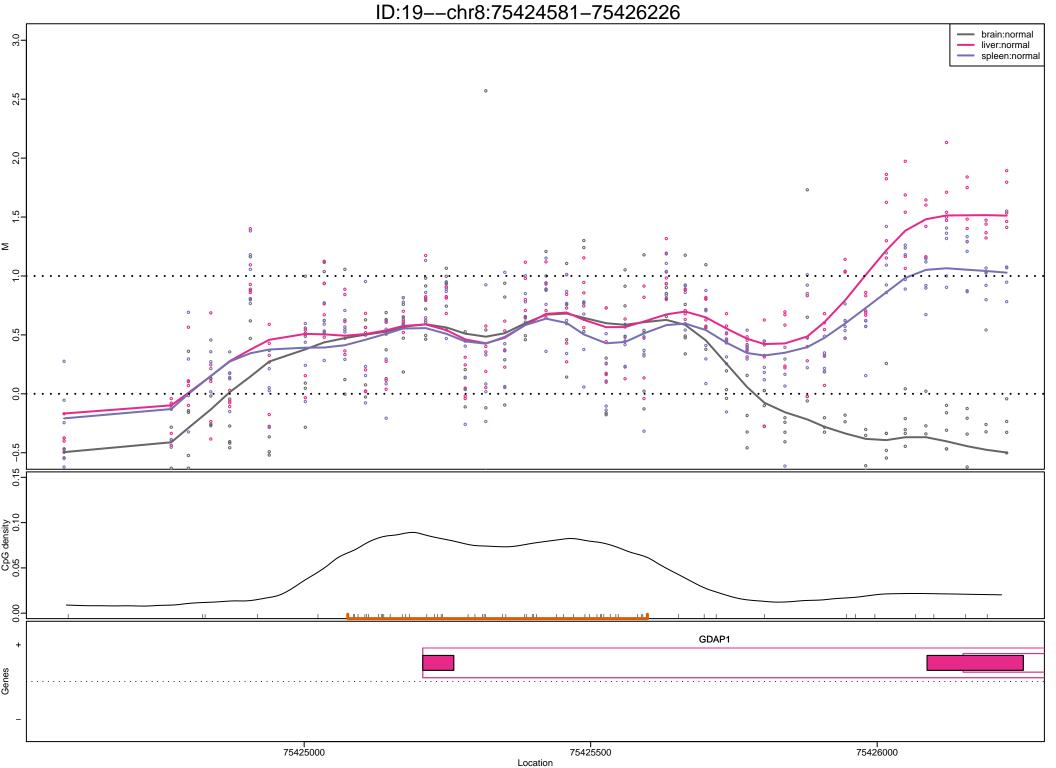




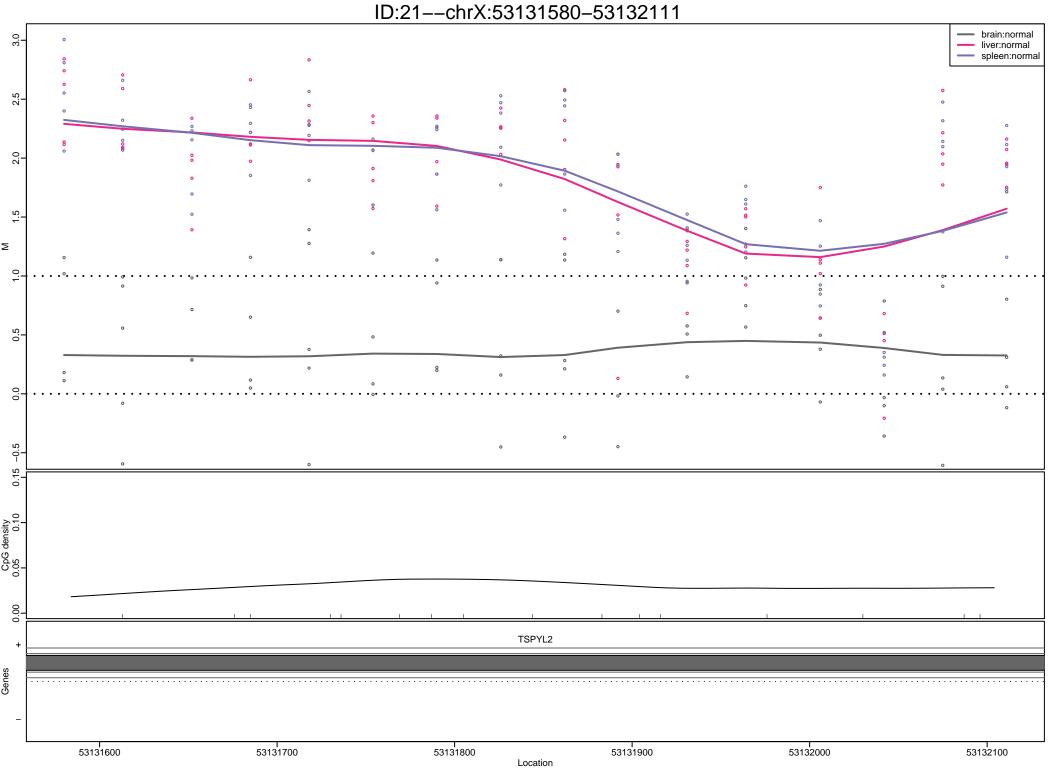




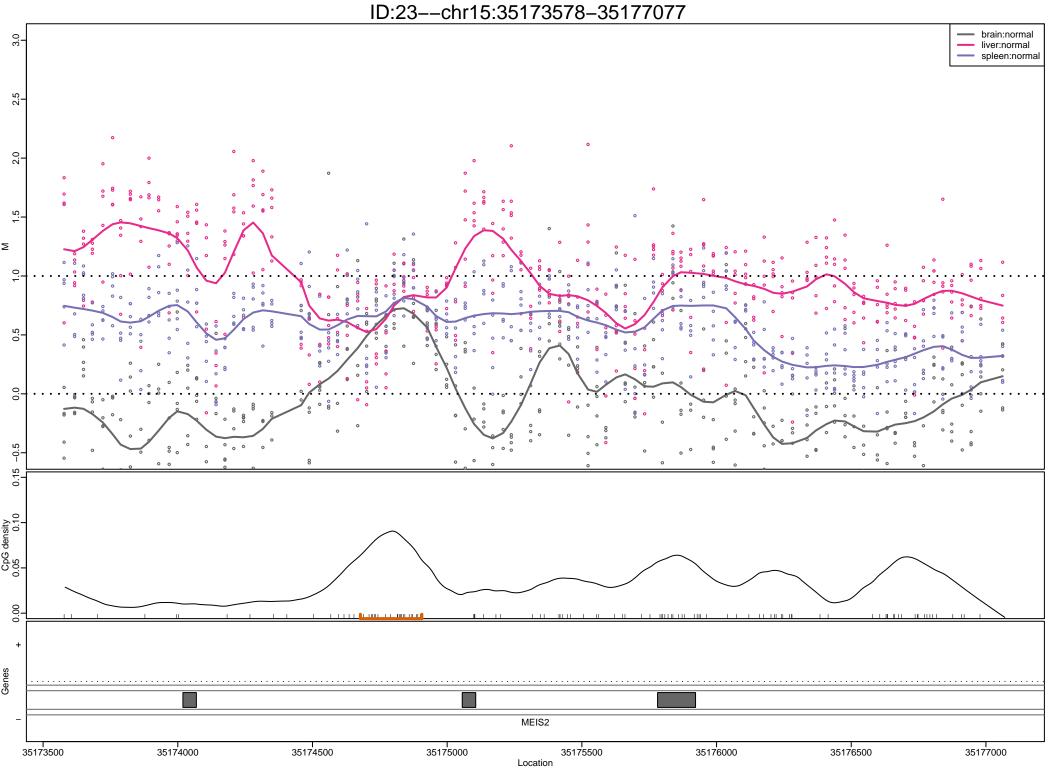




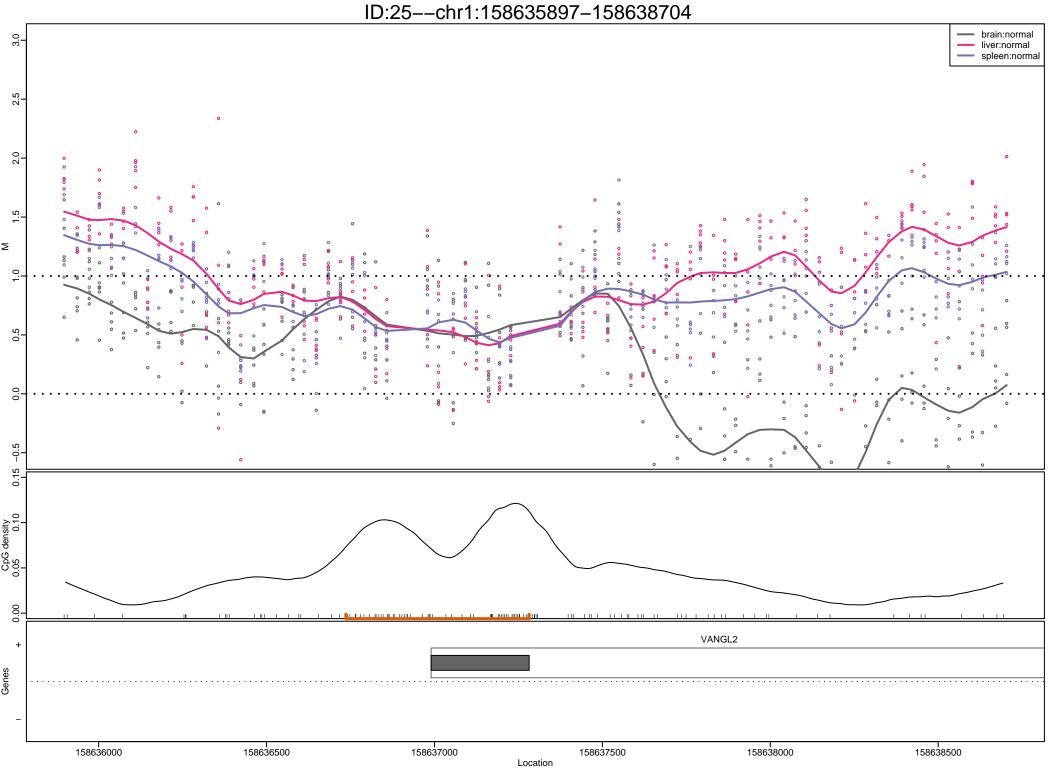
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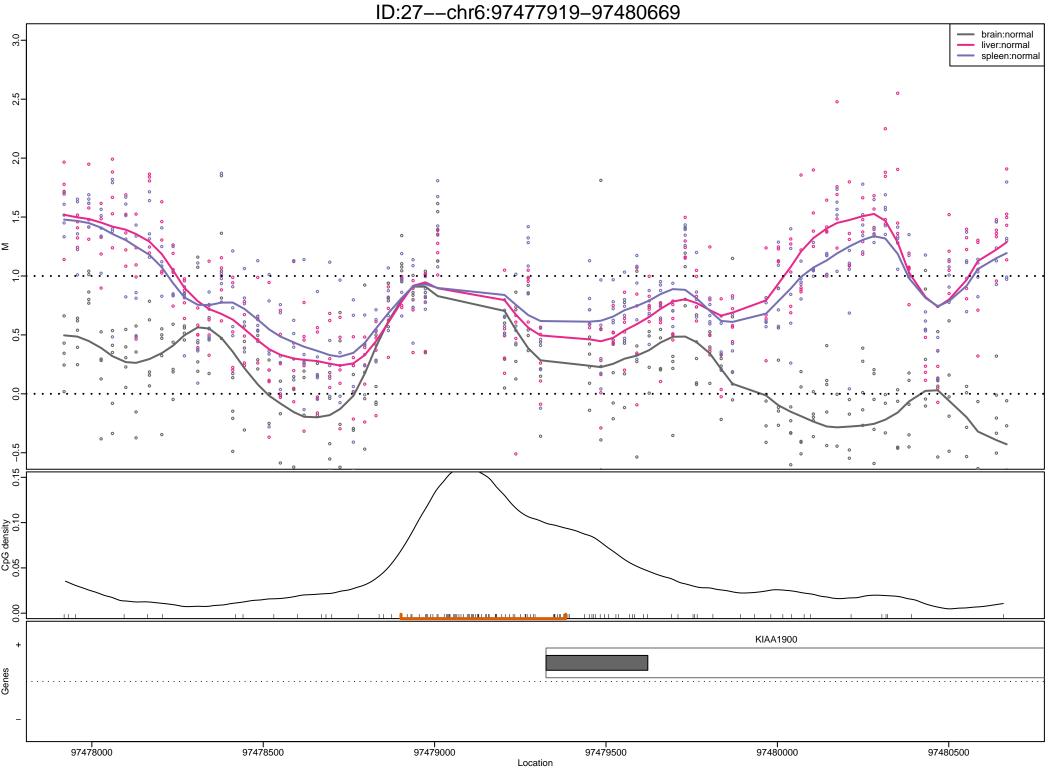
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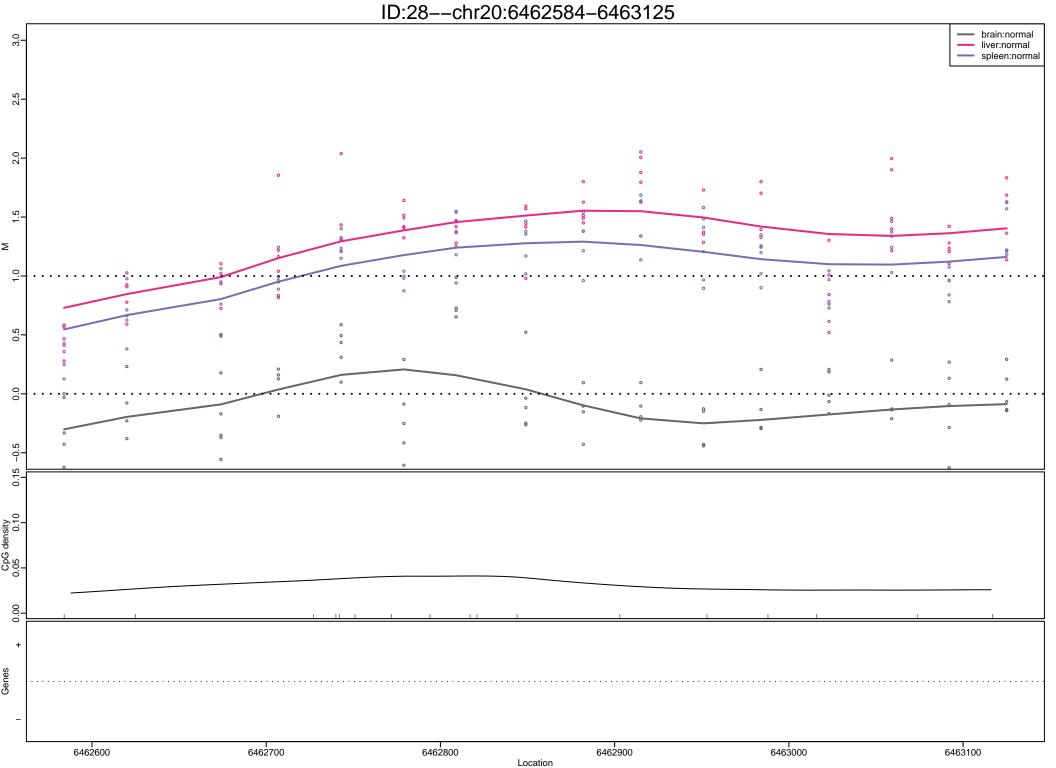


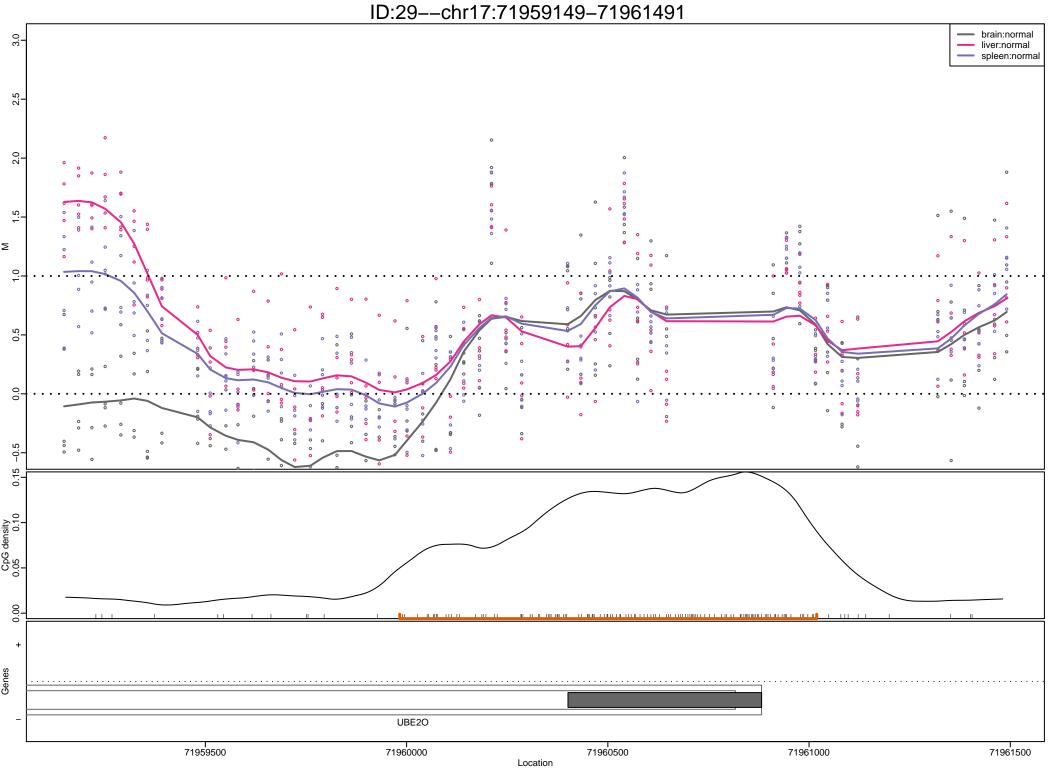
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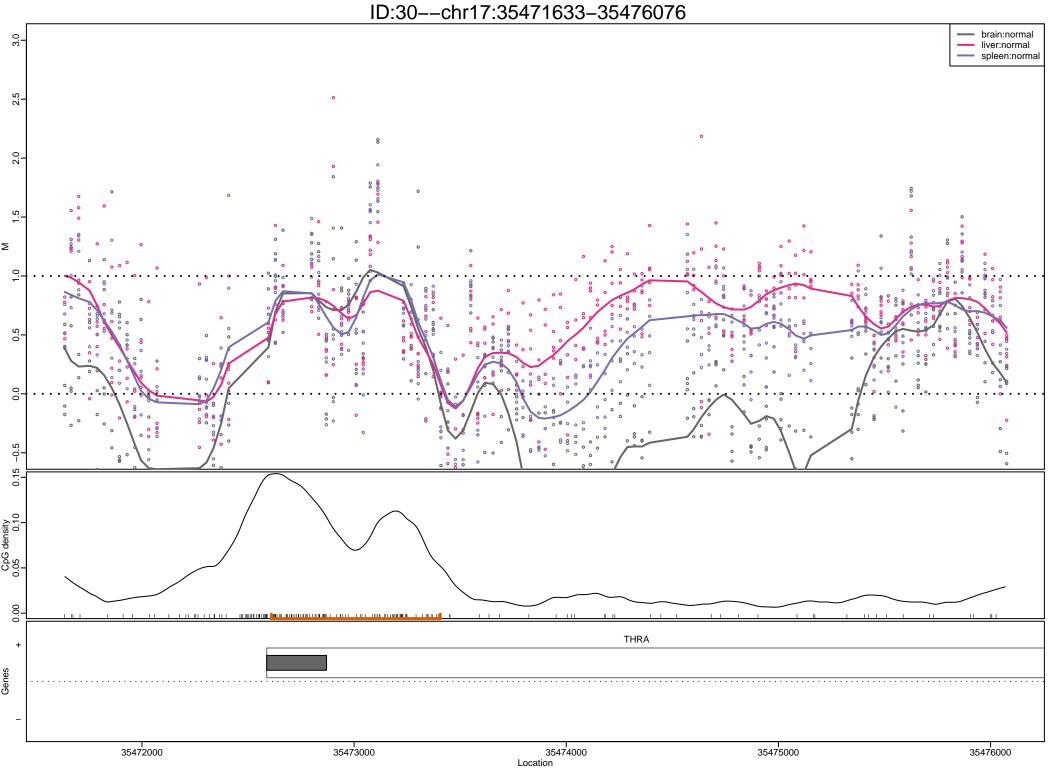


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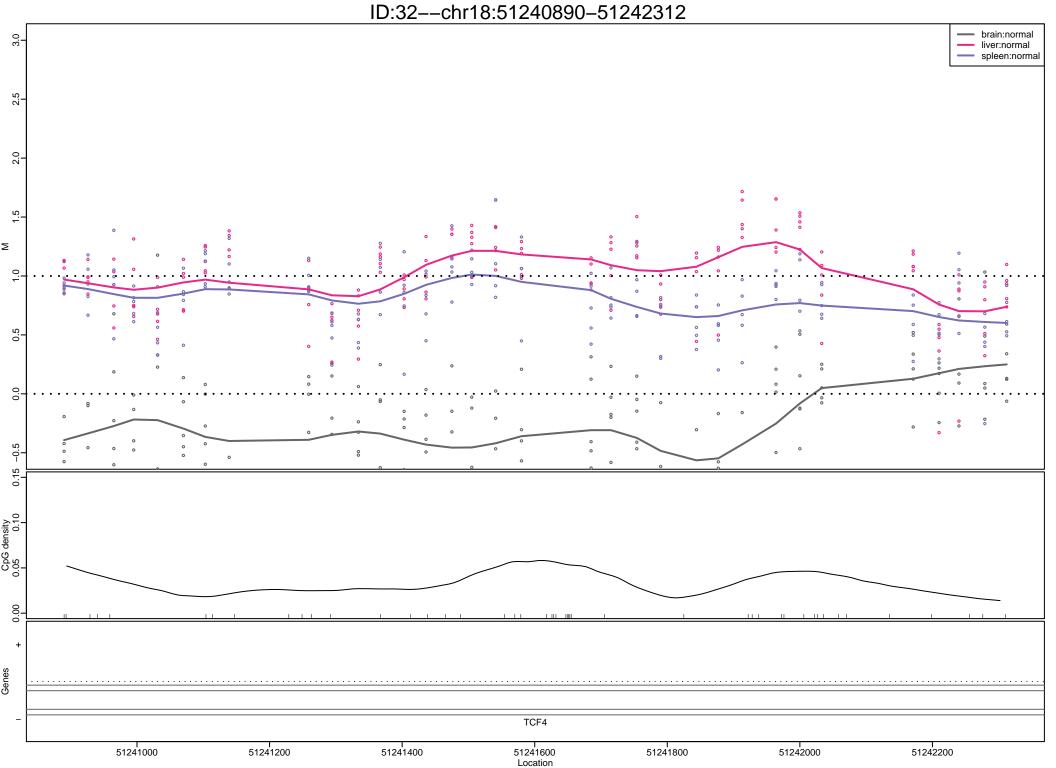


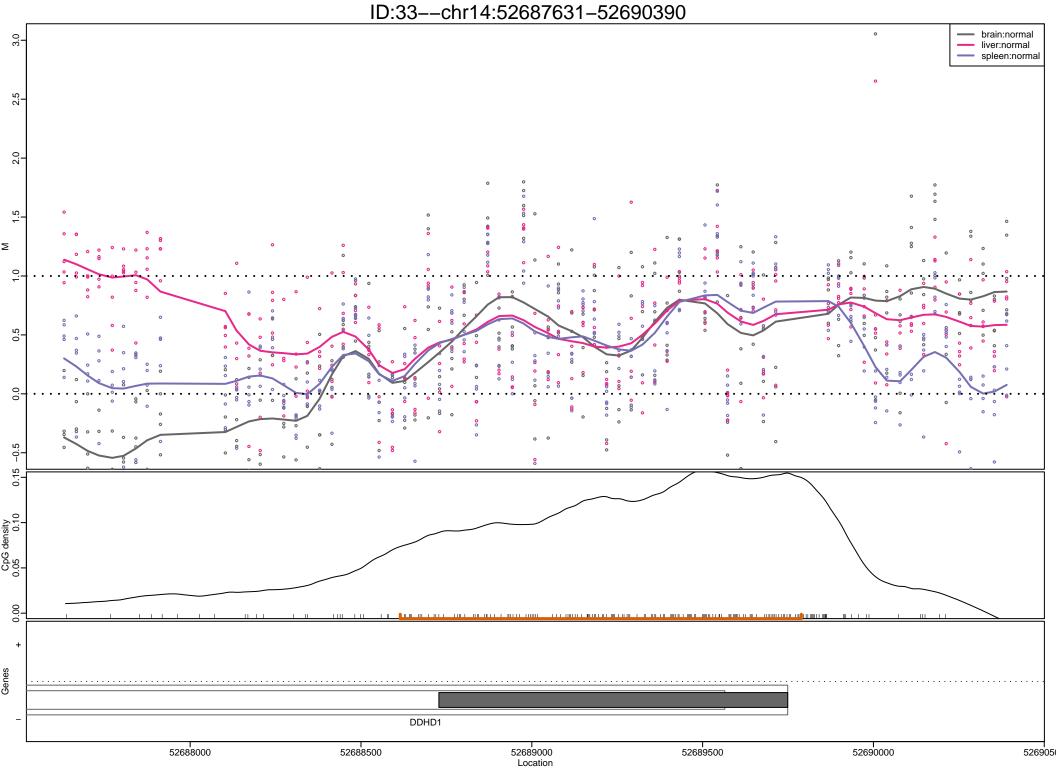






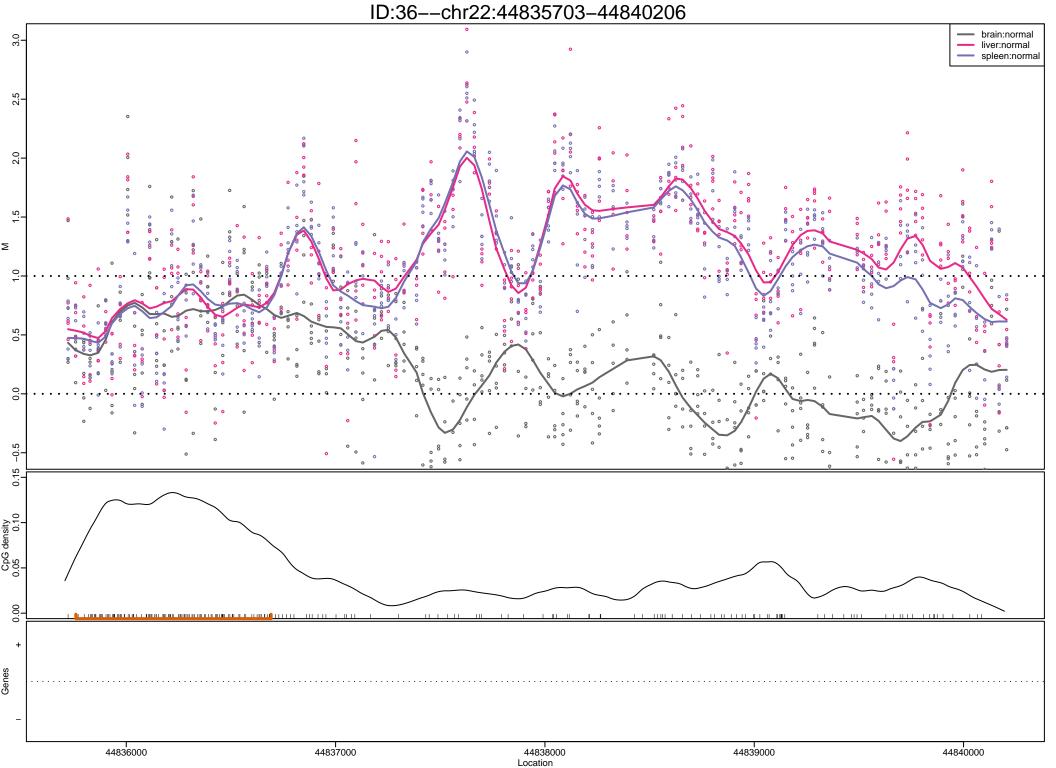
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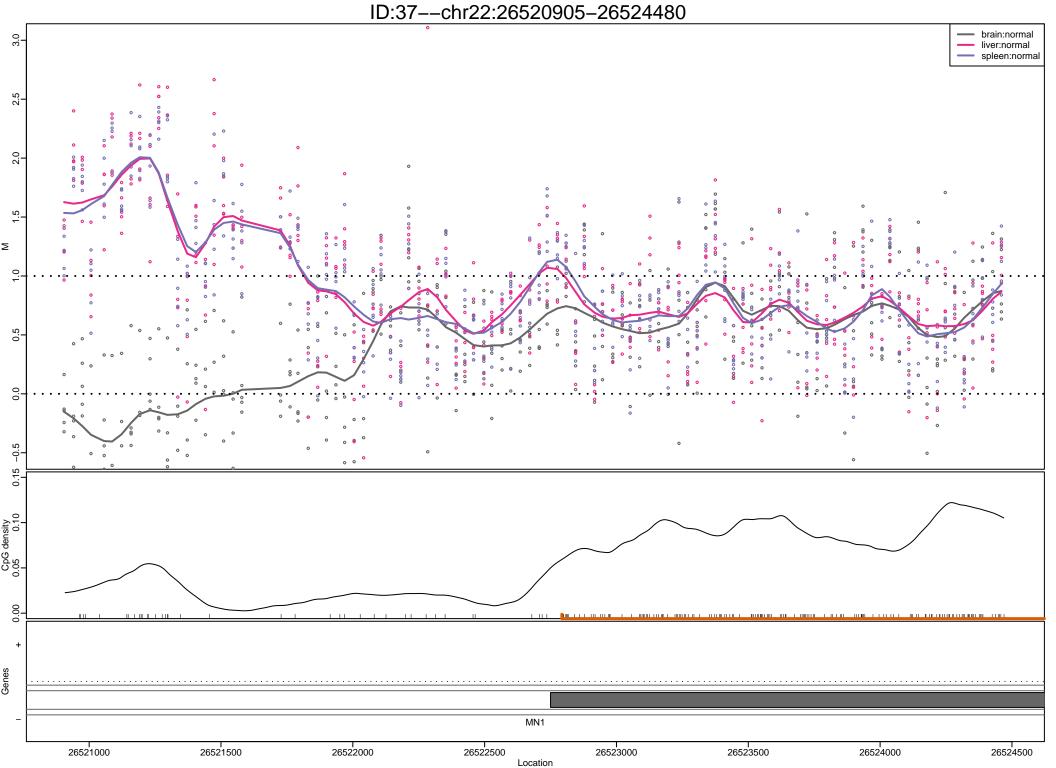




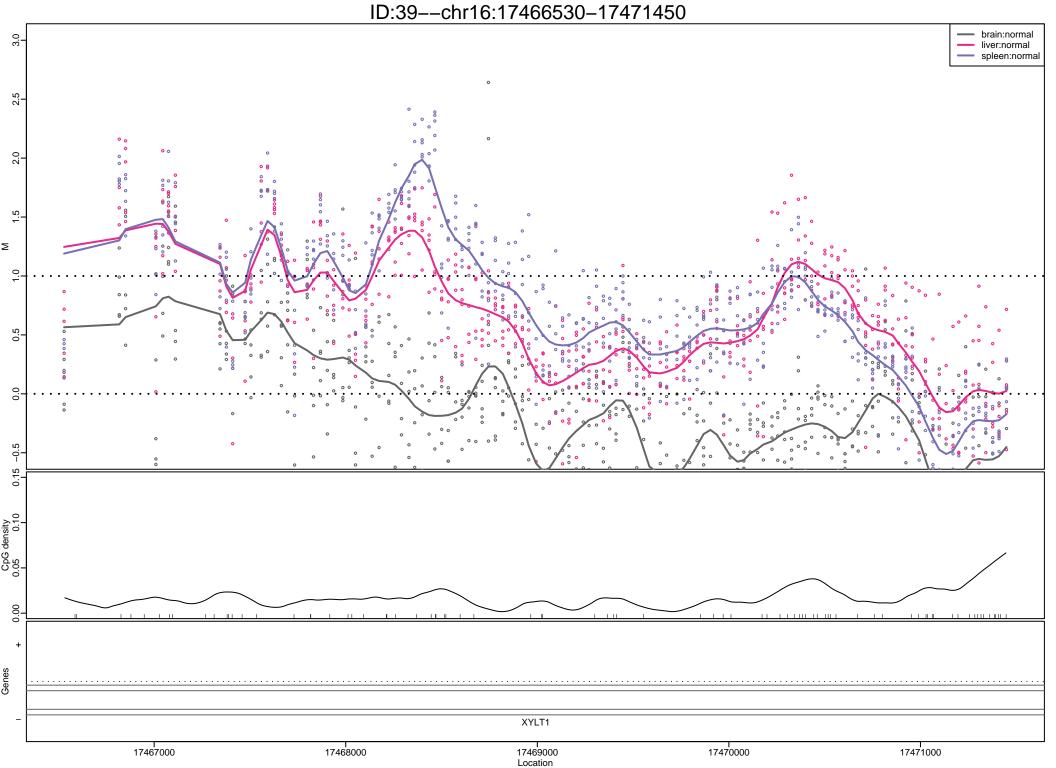
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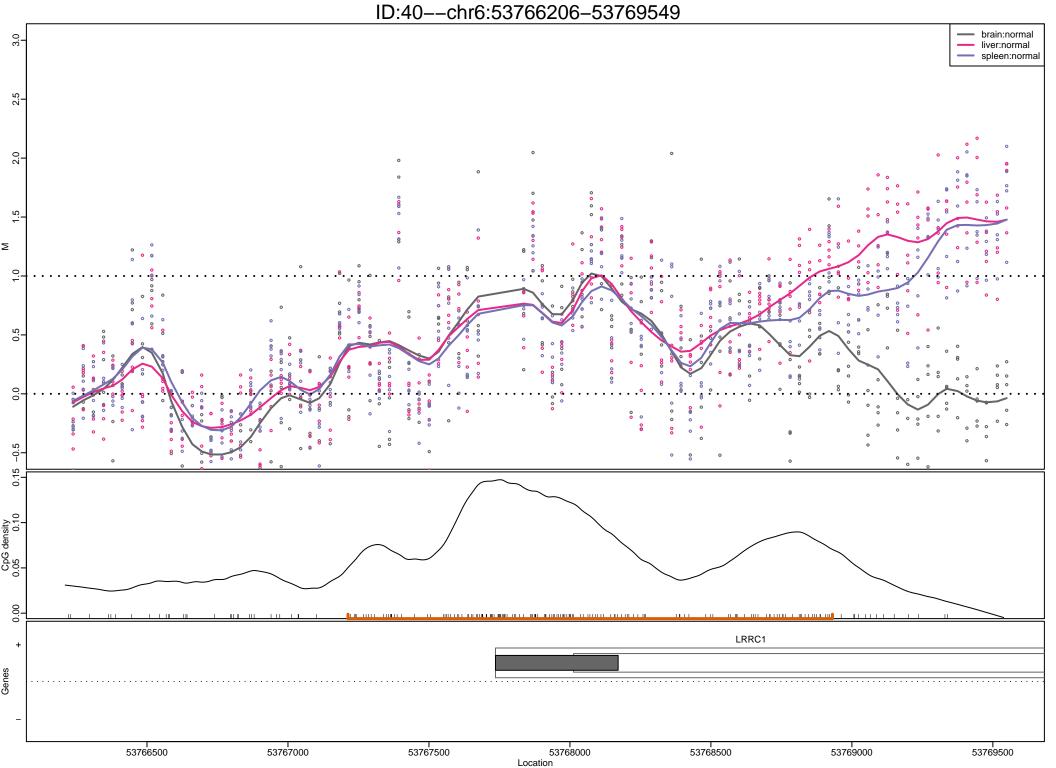
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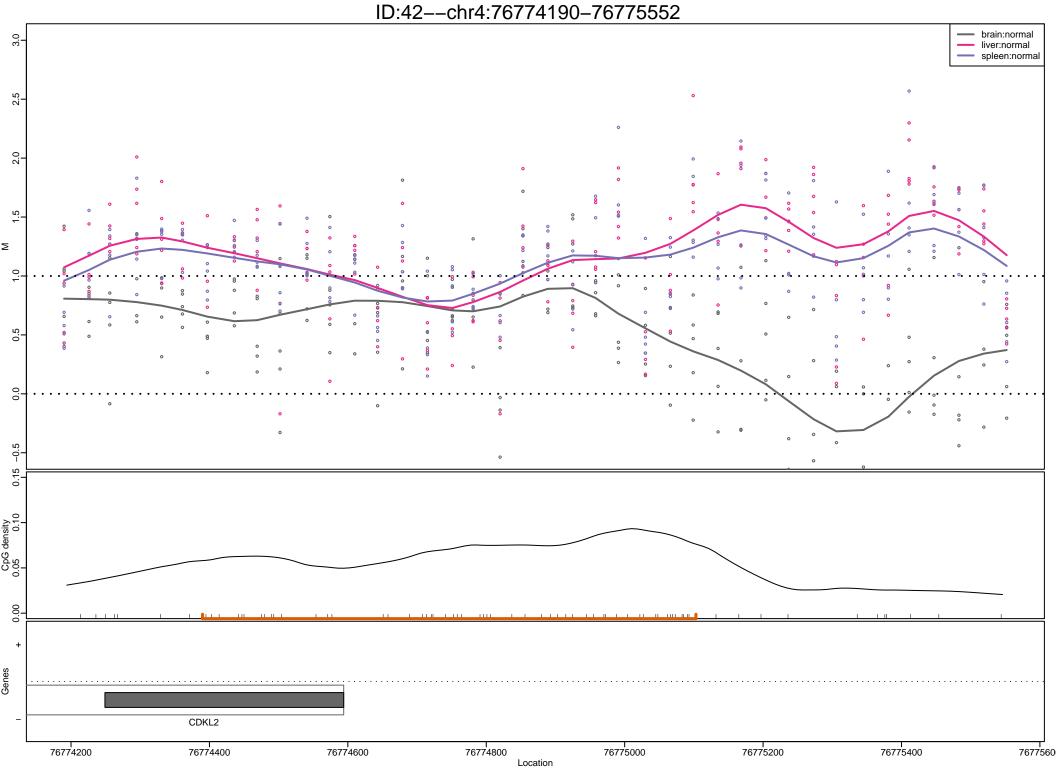


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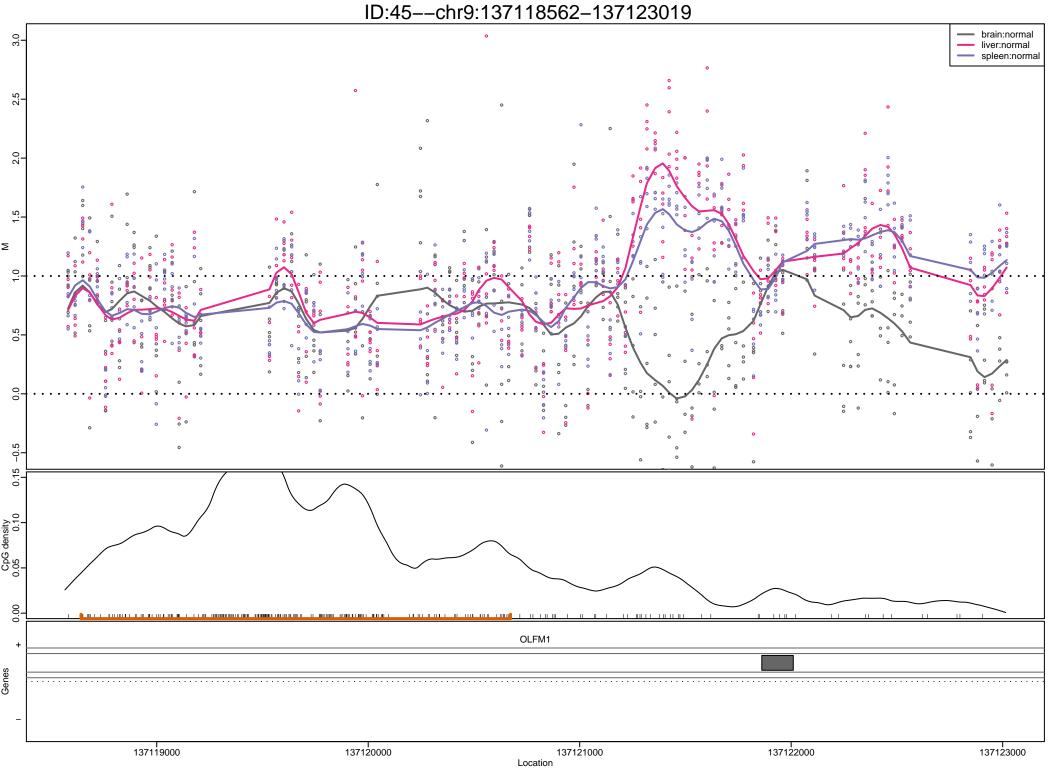


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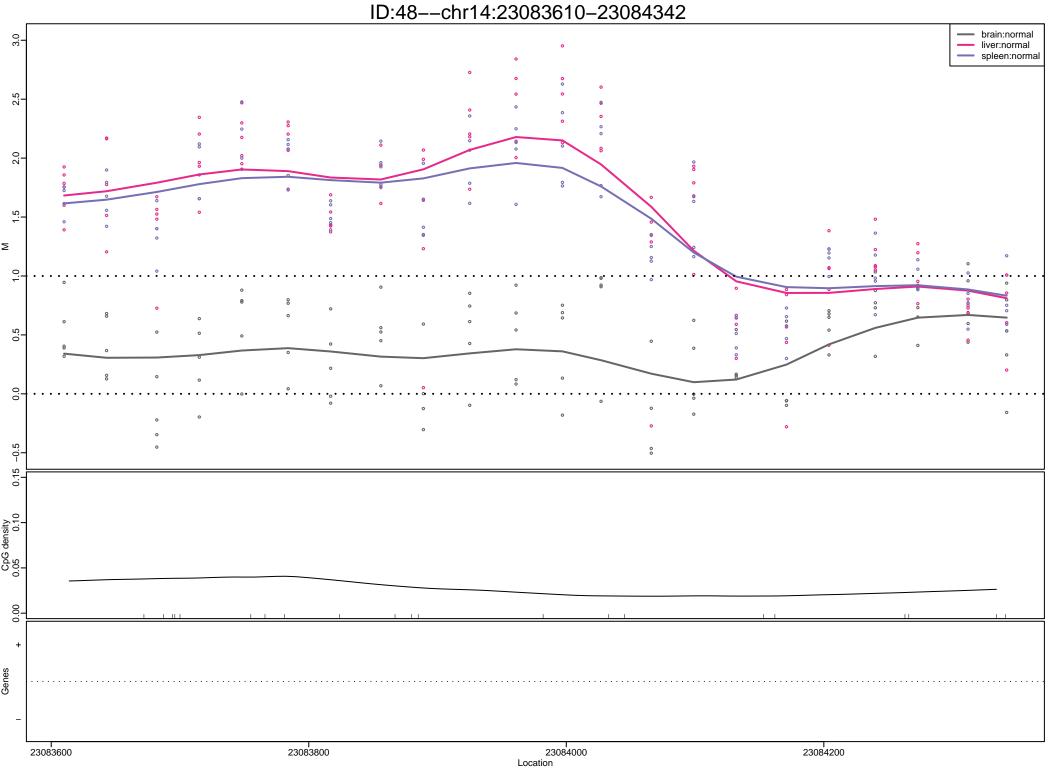
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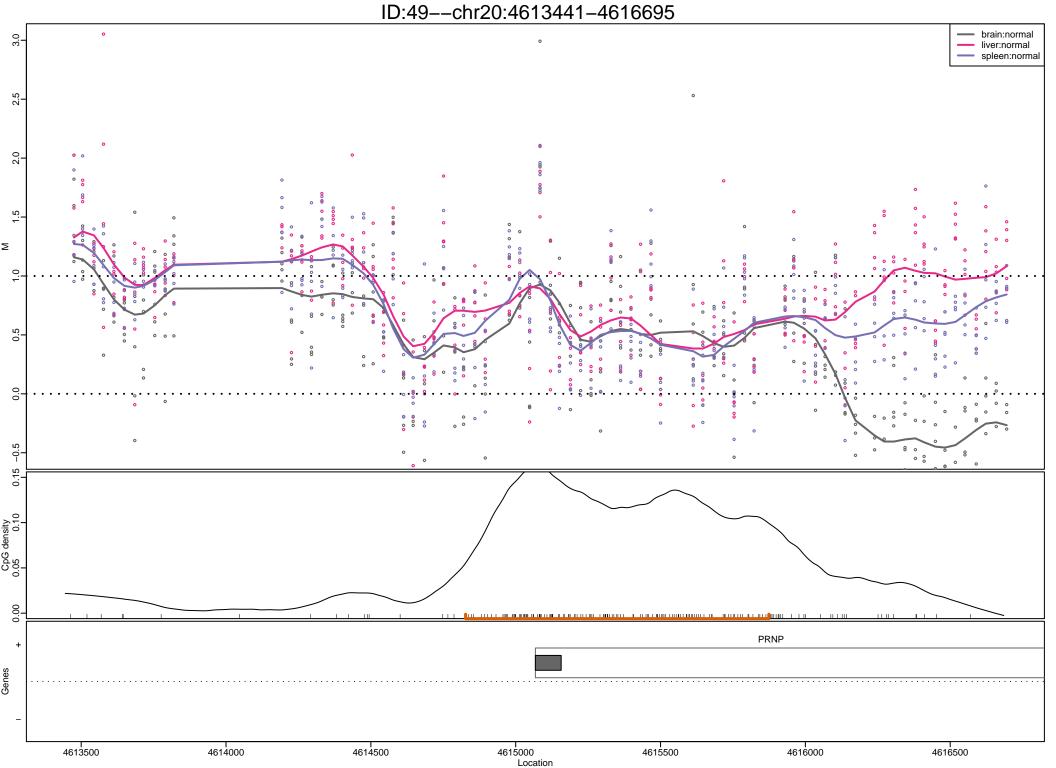
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ID:50--chr18:72330871-72334157 brain:normal liver:normal spleen:normal Σ -0.5 0.15 CpG density 0.05 0.10 0.00 72332500 Location 72331000 72331500 72332000 72333000 72333500 72334000