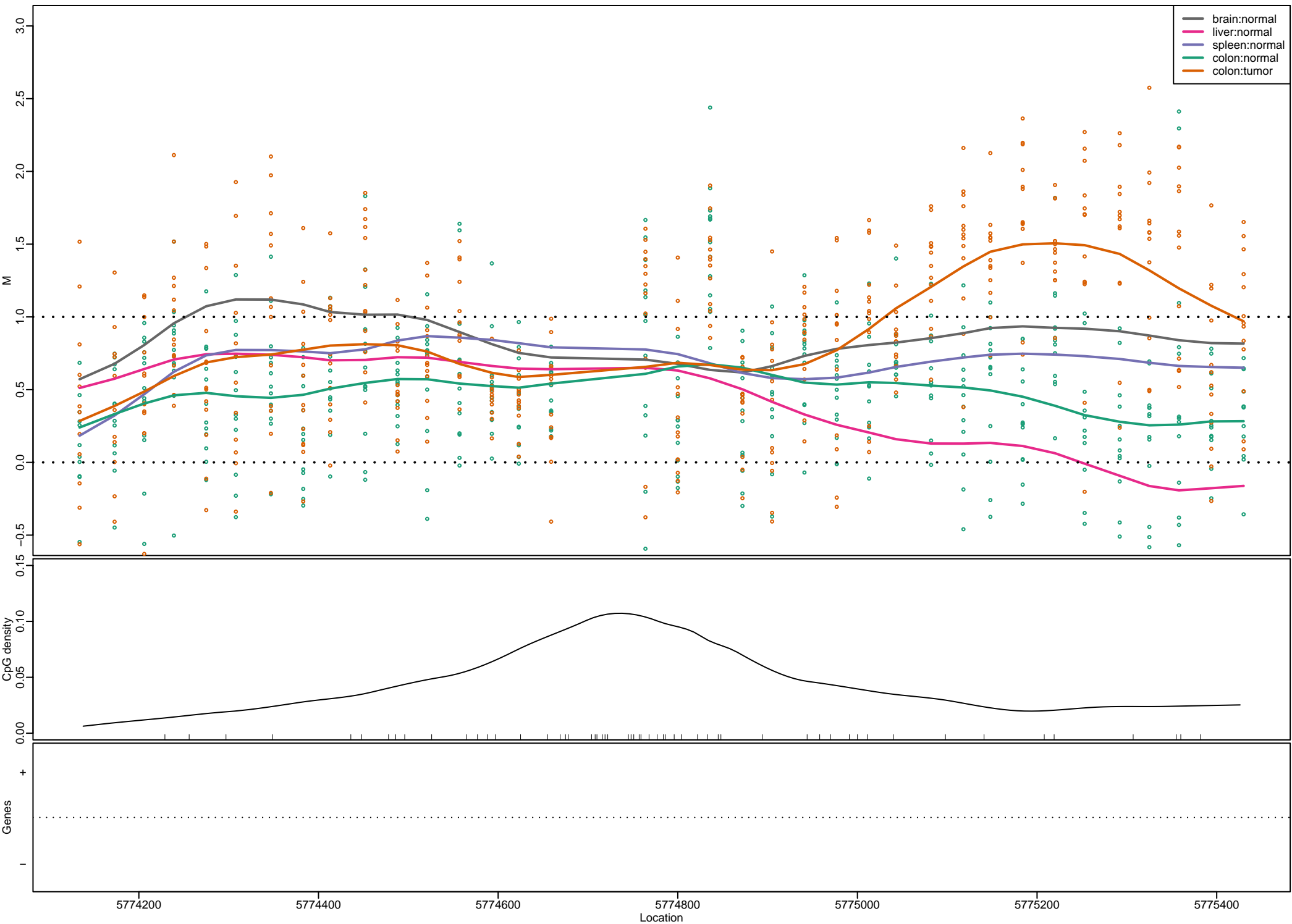
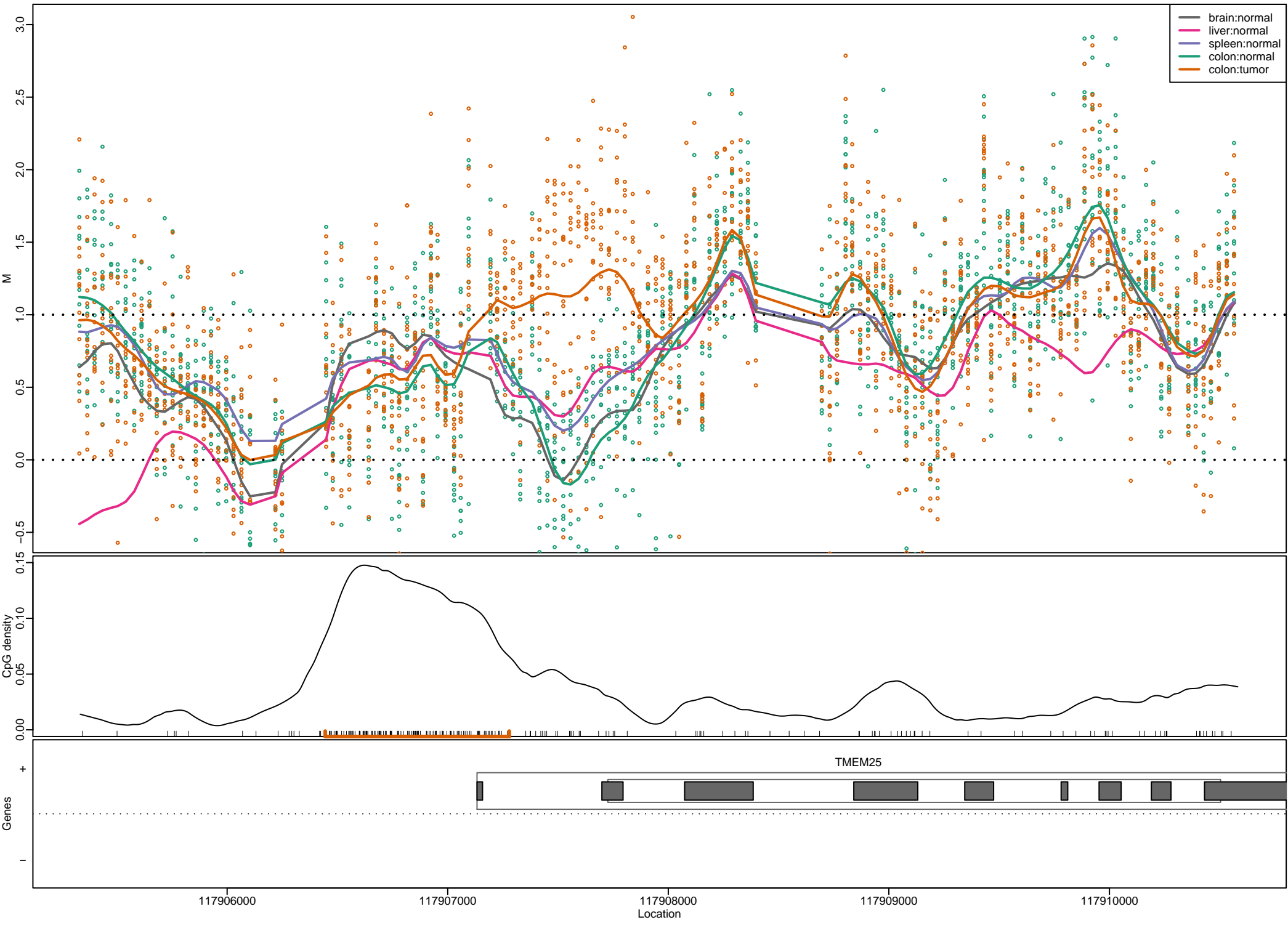


Supplementary Figure 4 | Most cancer-specific differential DNA methylation is located at CpG island shores. The top 50 C-DMRs, ordered by statistical significance. Displays are as in Fig. 1b. The upper panels are plots of M value versus genomic location for brain (grey), liver (pink), spleen (purple), normal colon (green), and colon cancer (orange). Each point (shown only for normal colon and colon cancer) 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.

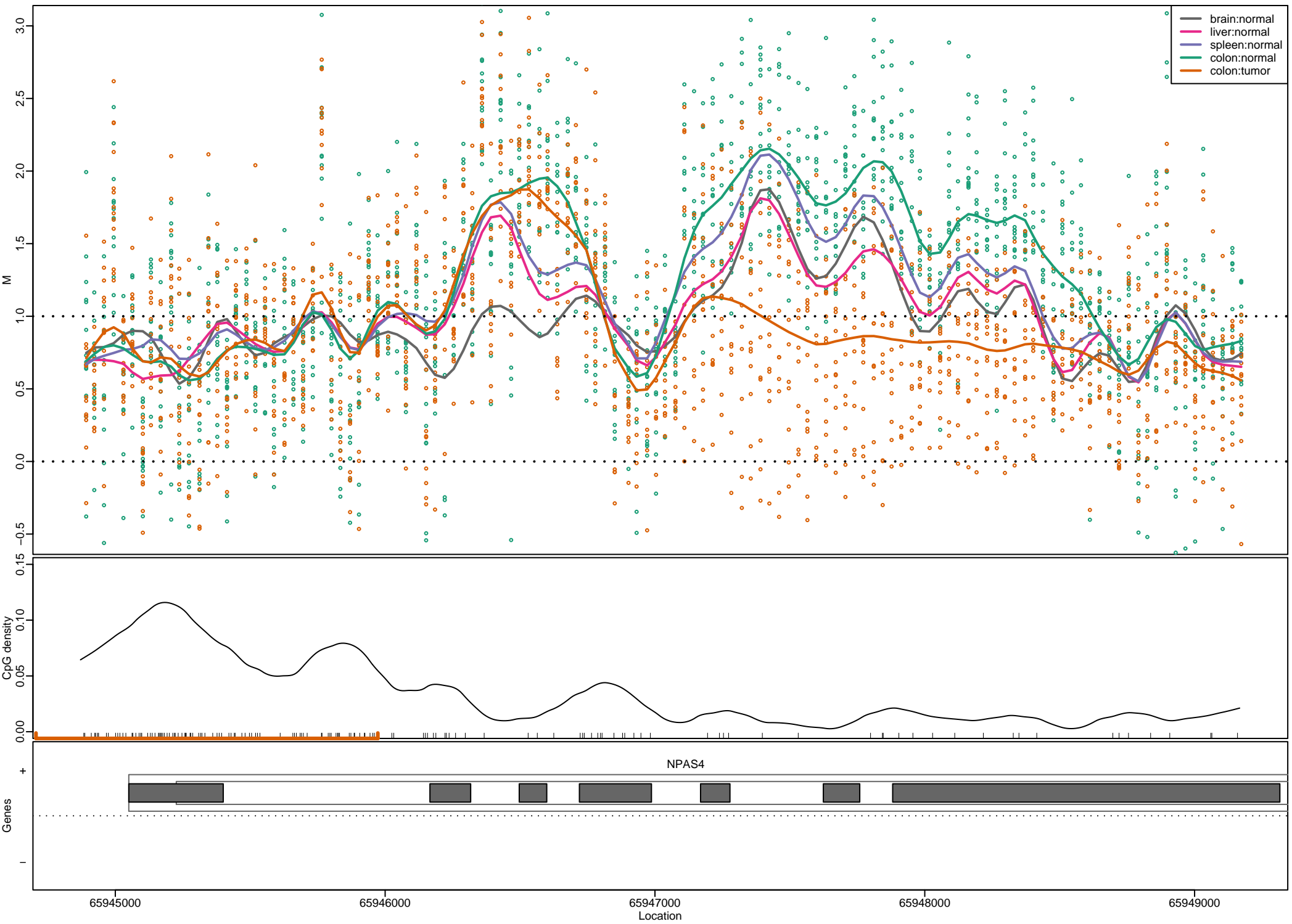
ID:1--chr10:5774134-5775430



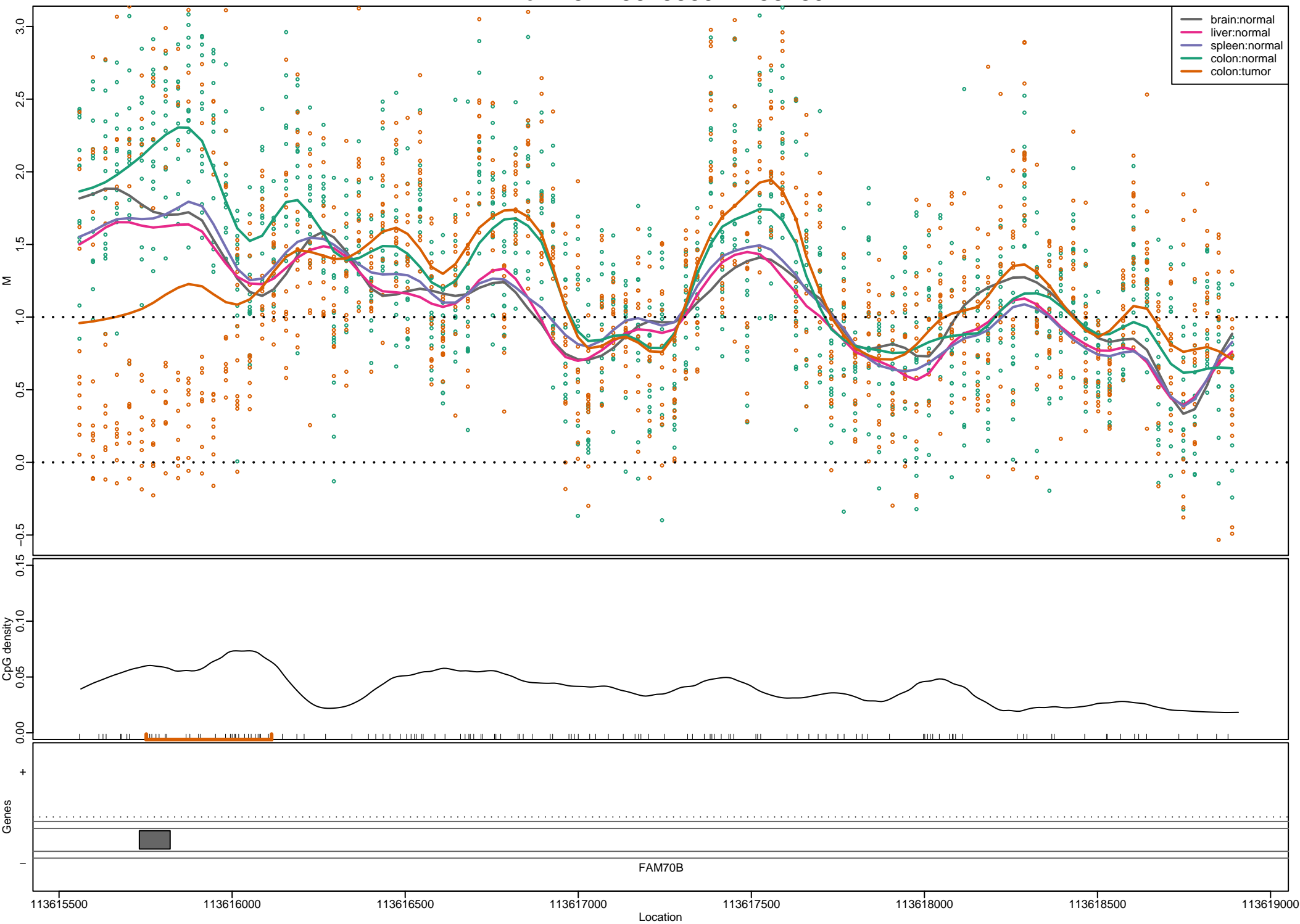
ID:2--chr11:117905330-117910591



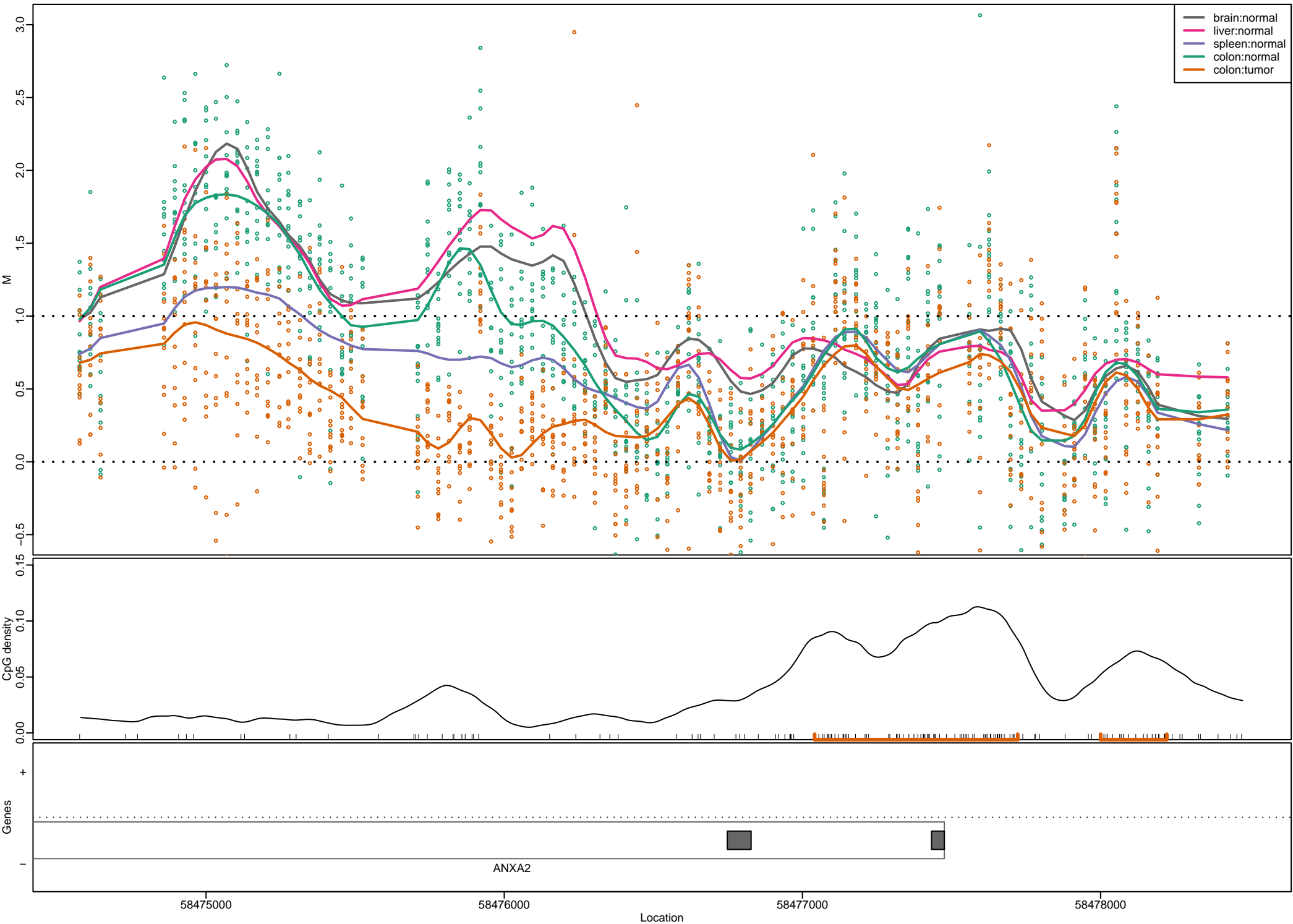
ID:3--chr11:65944867-65949173



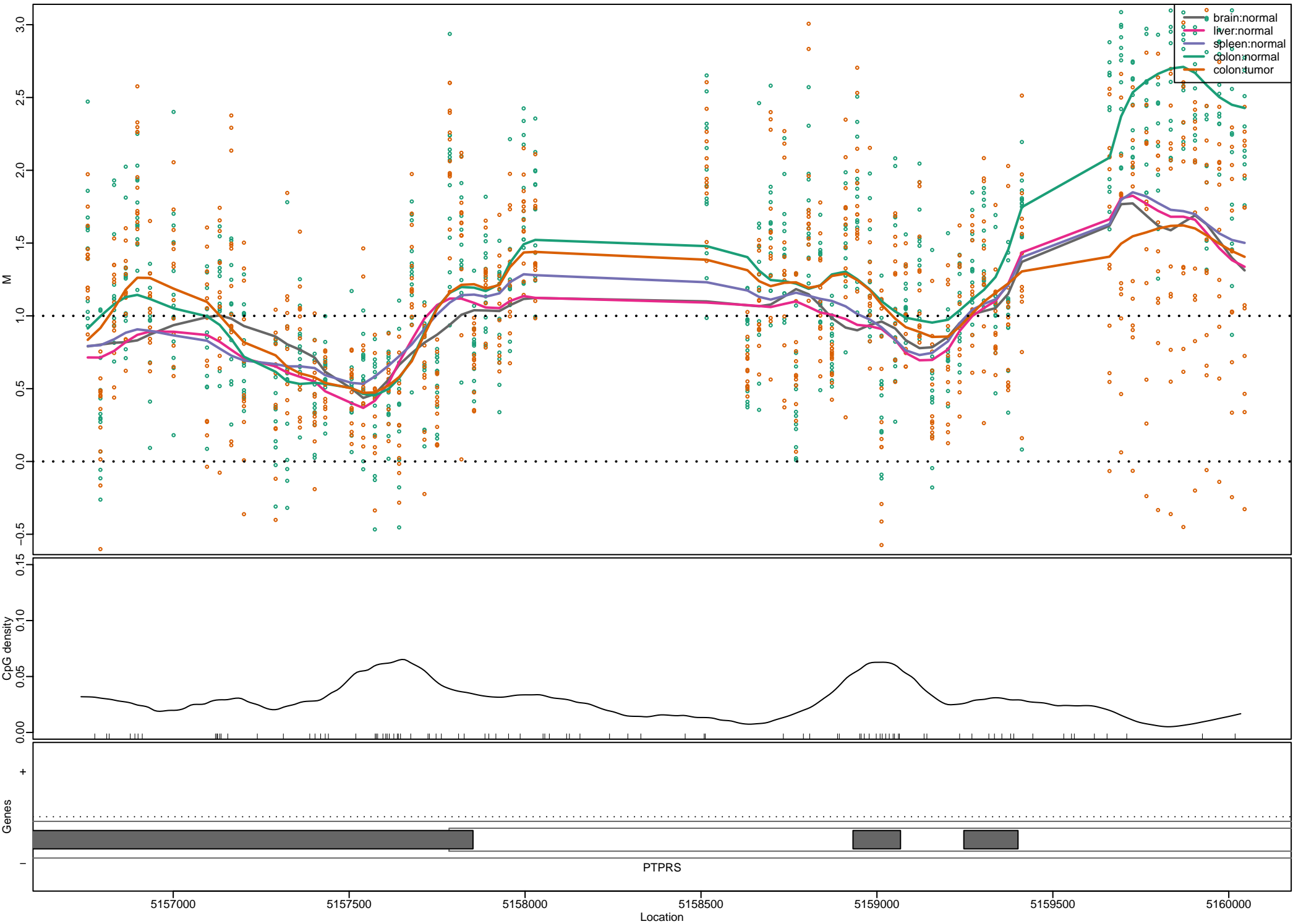
ID:4--chr13:113615559-113618917



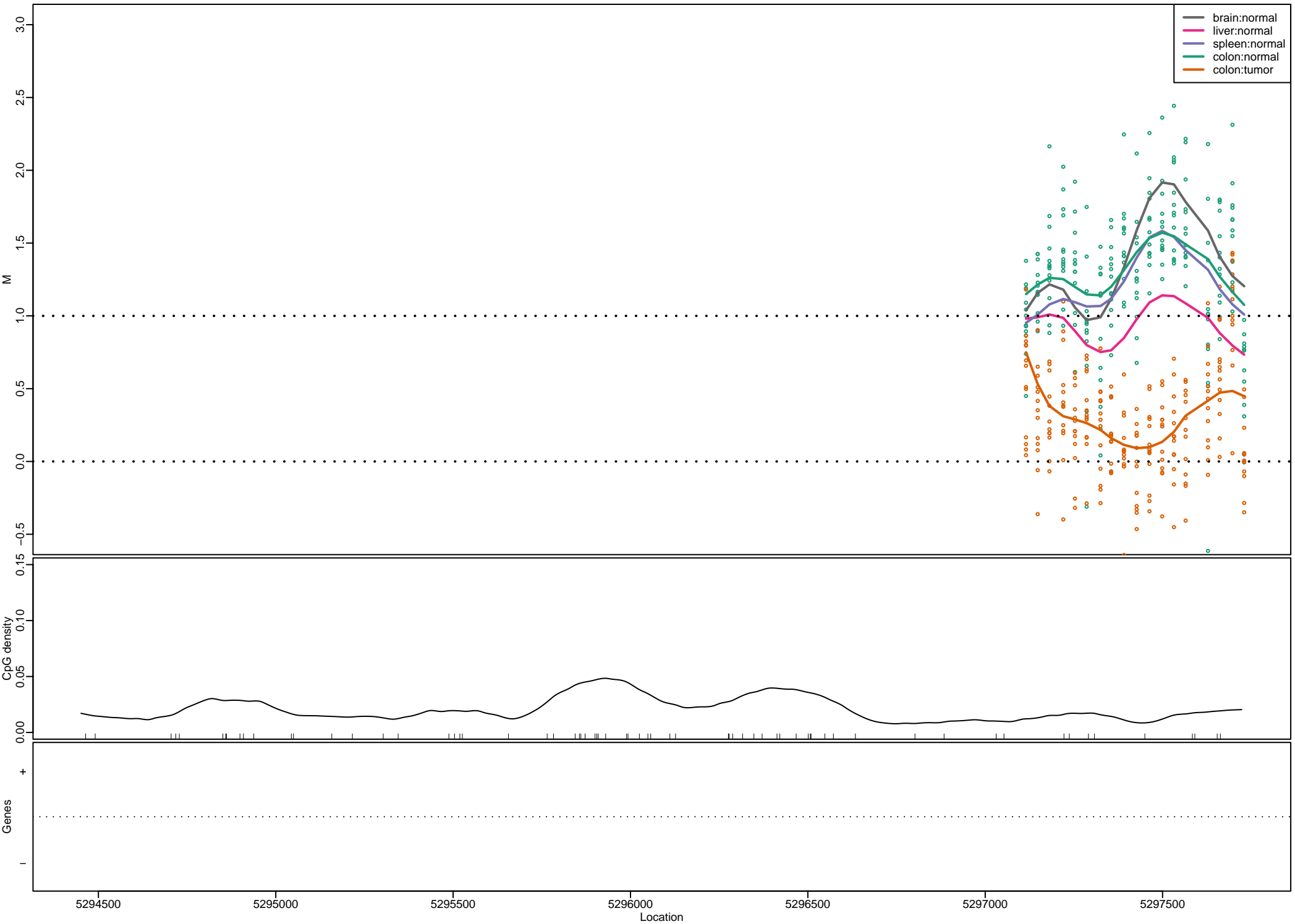
ID:5--chr15:58474576-58478483



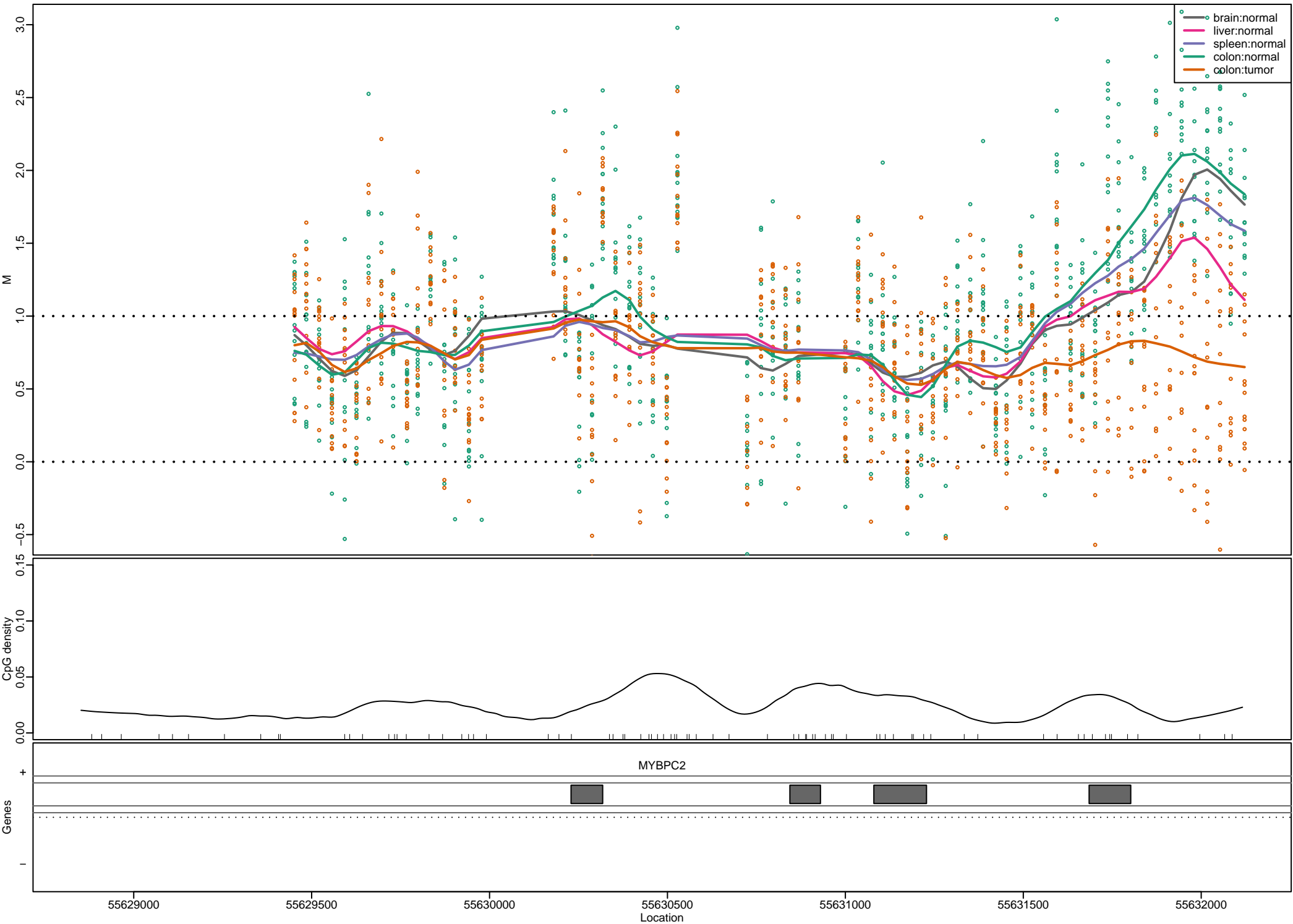
ID:6--chr19:5156734-5160045



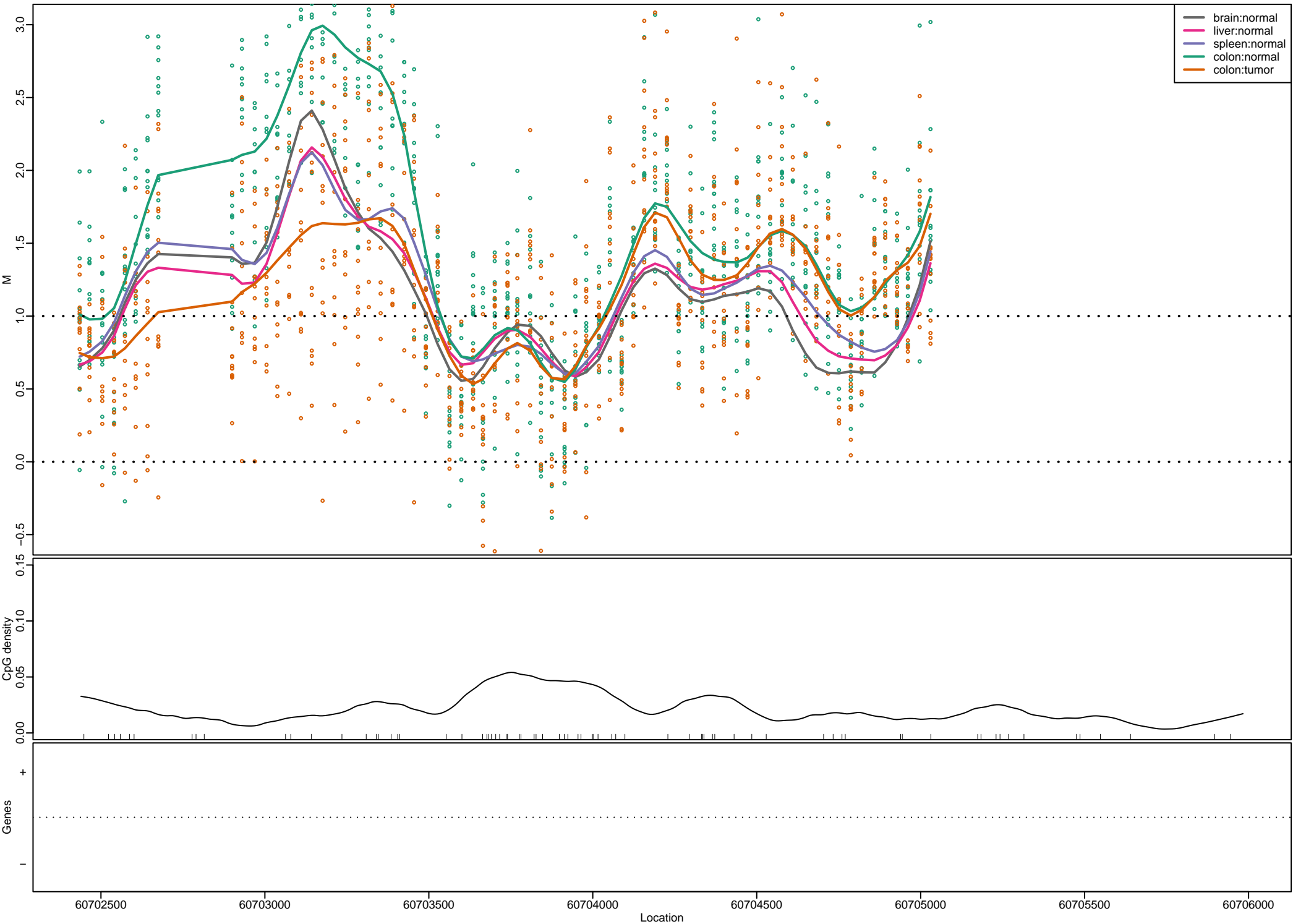
ID:7--chr19:5294447-5297730



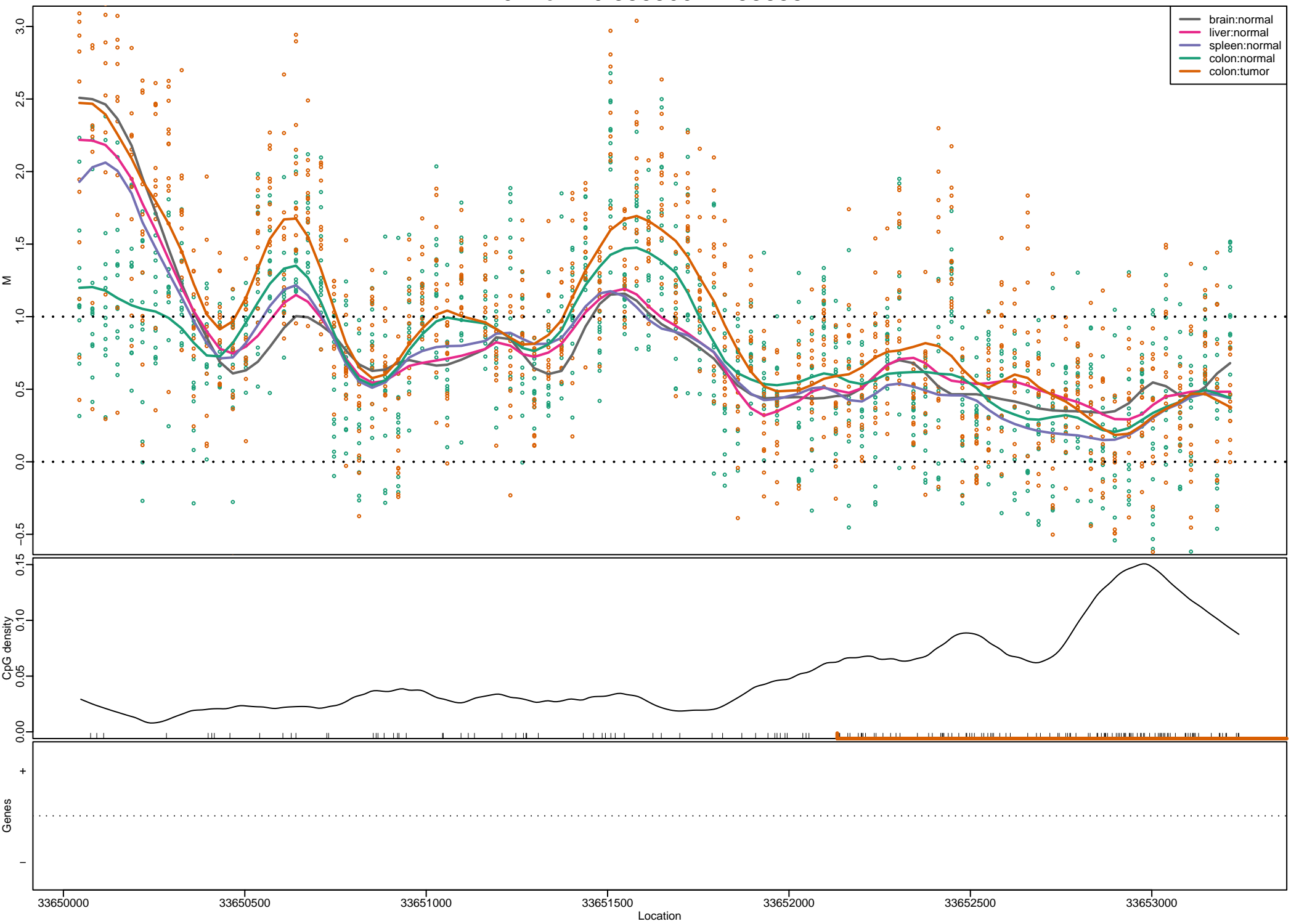
ID:8--chr19:55628848-55632122



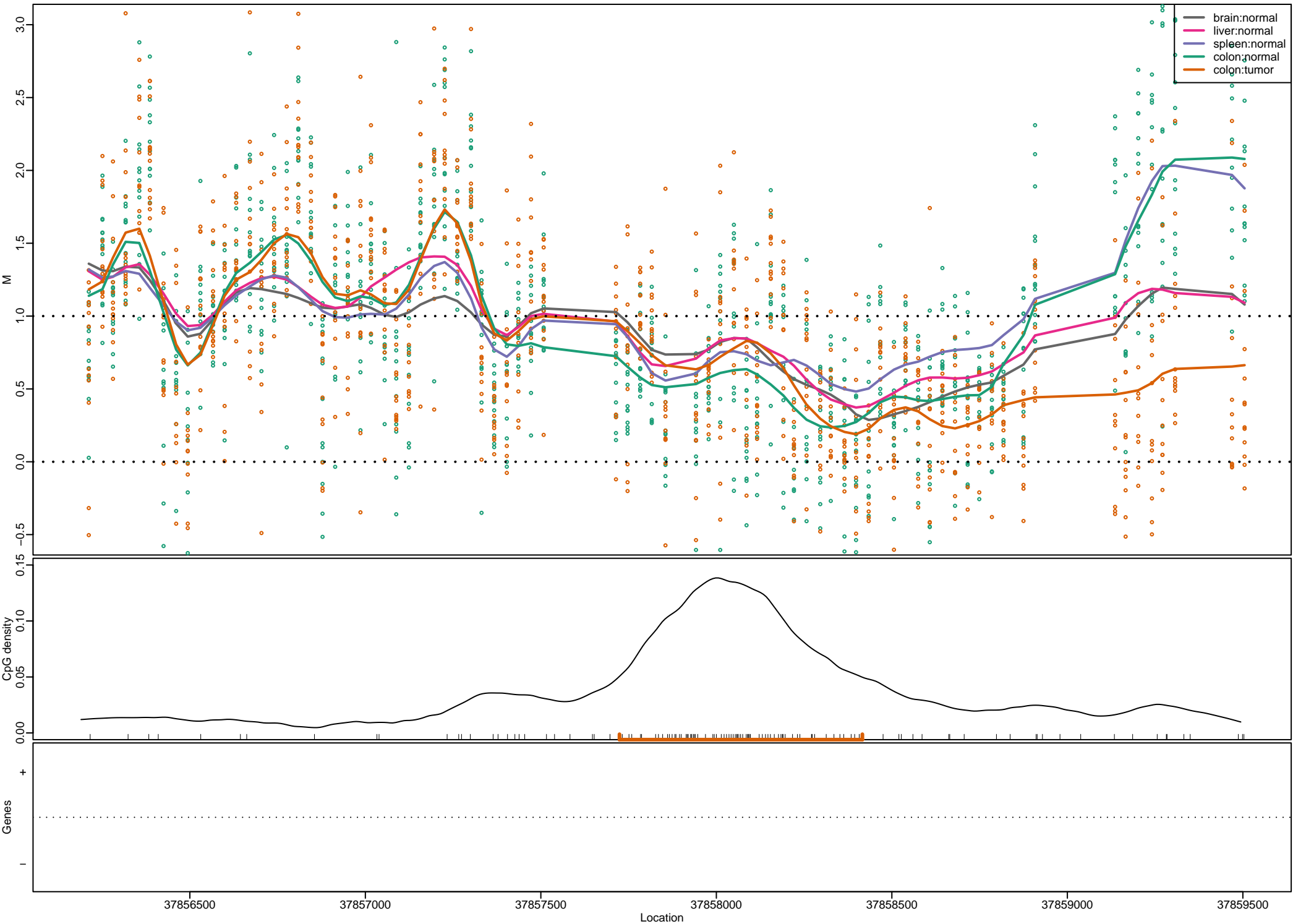
ID:9--chr19:60702435-60705988



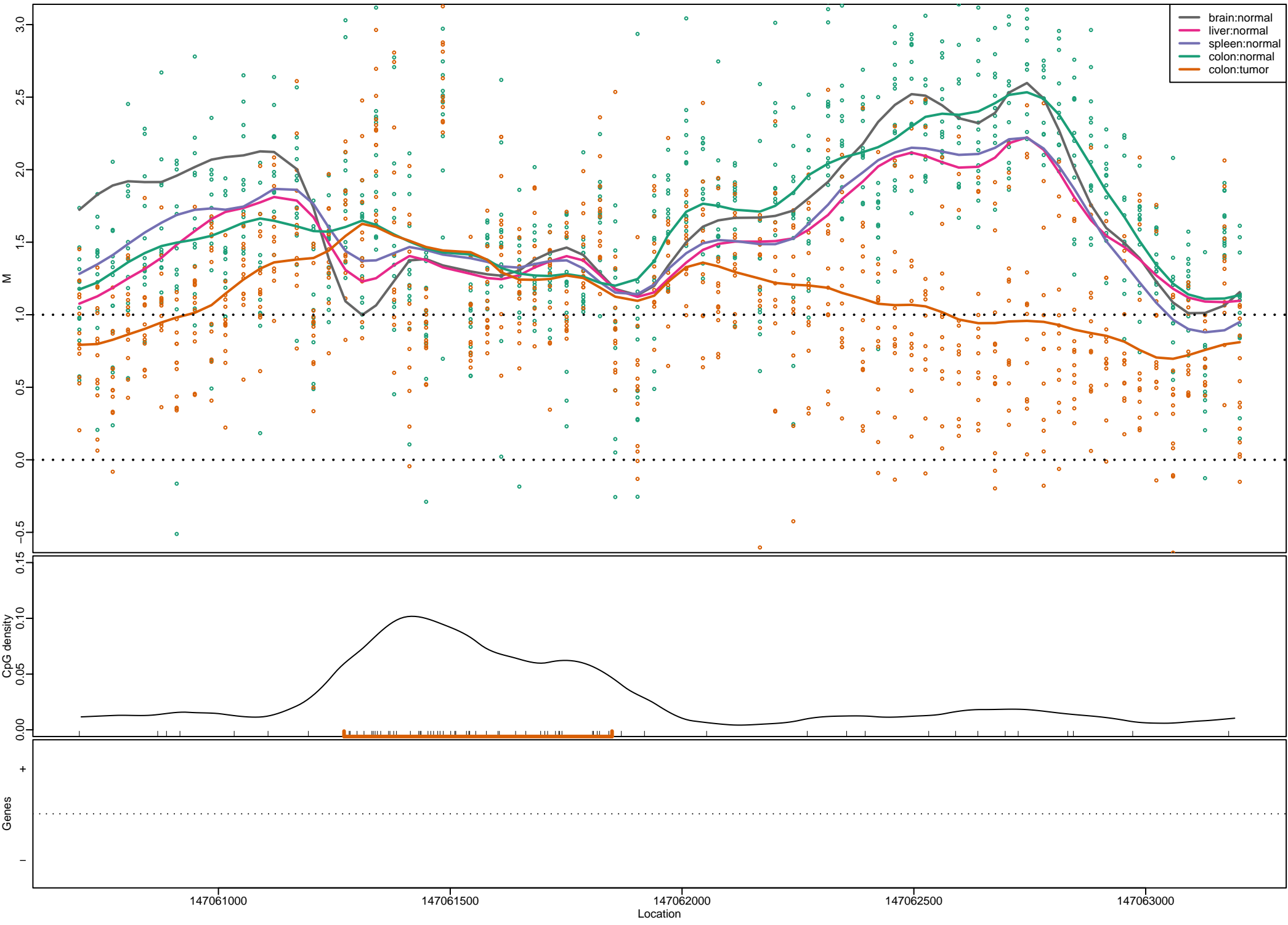
ID:10--chr20:33650044-33653244



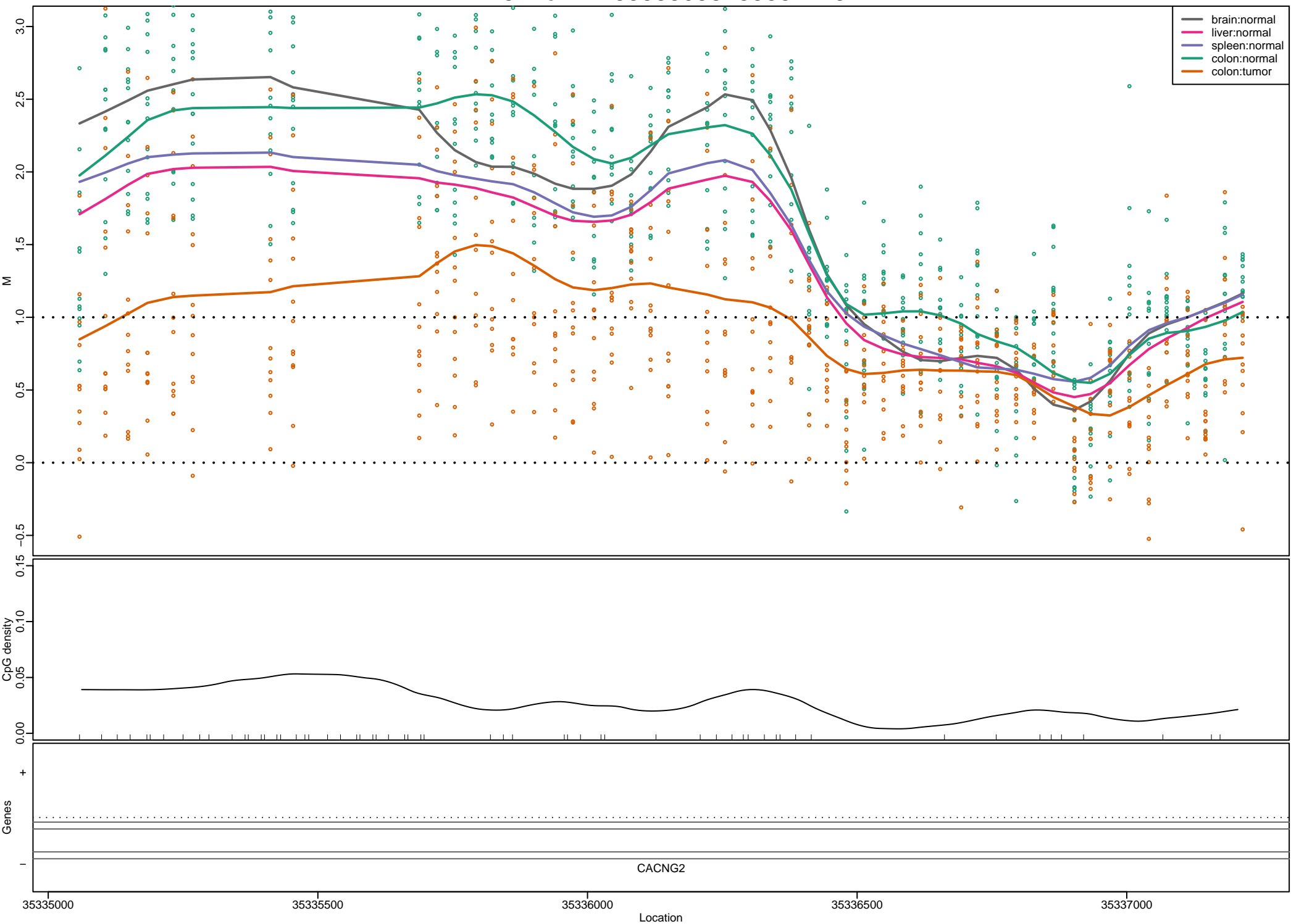
ID:11--chr21:37856186-37859505



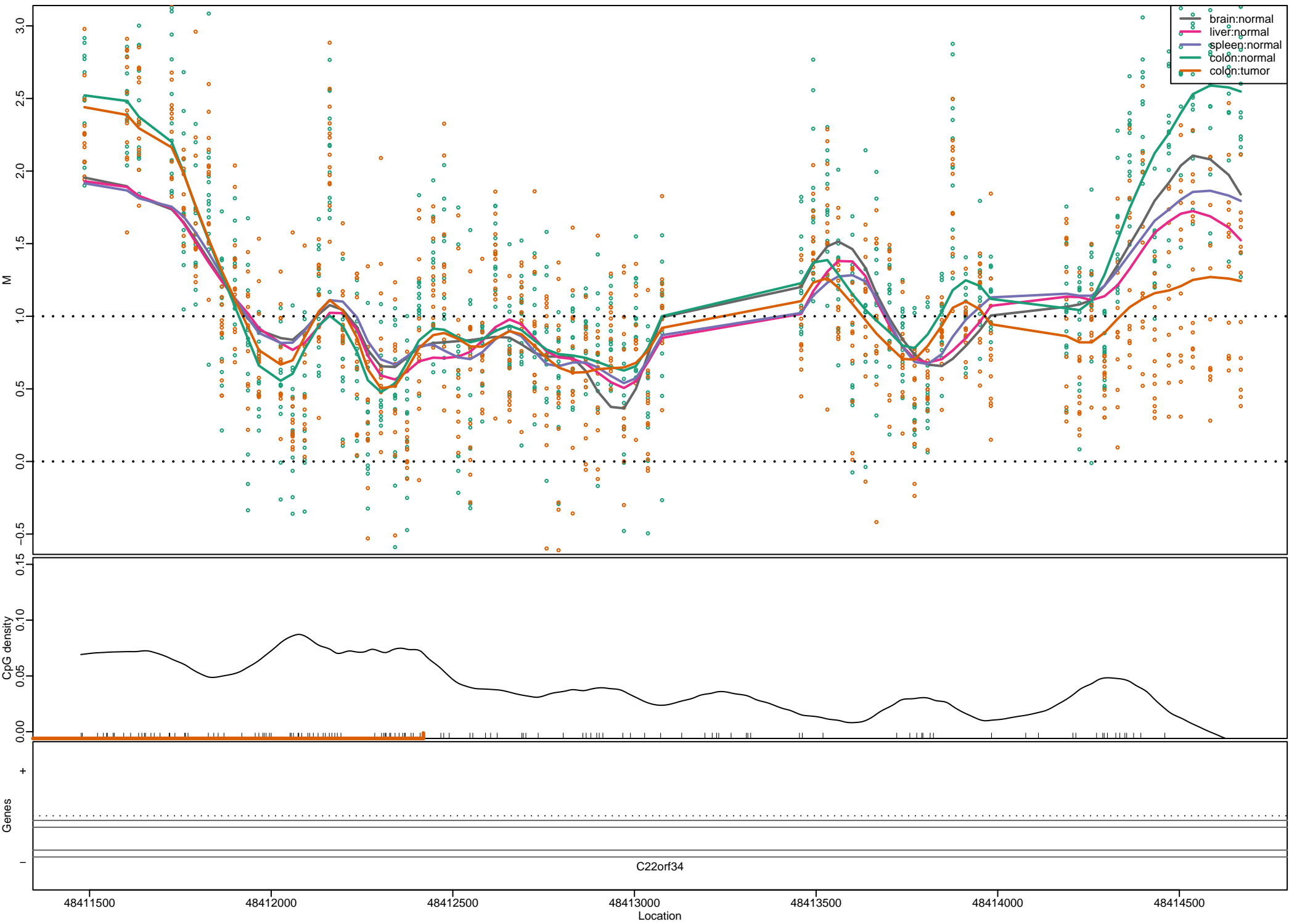
ID:12--chr2:147060700-147063203



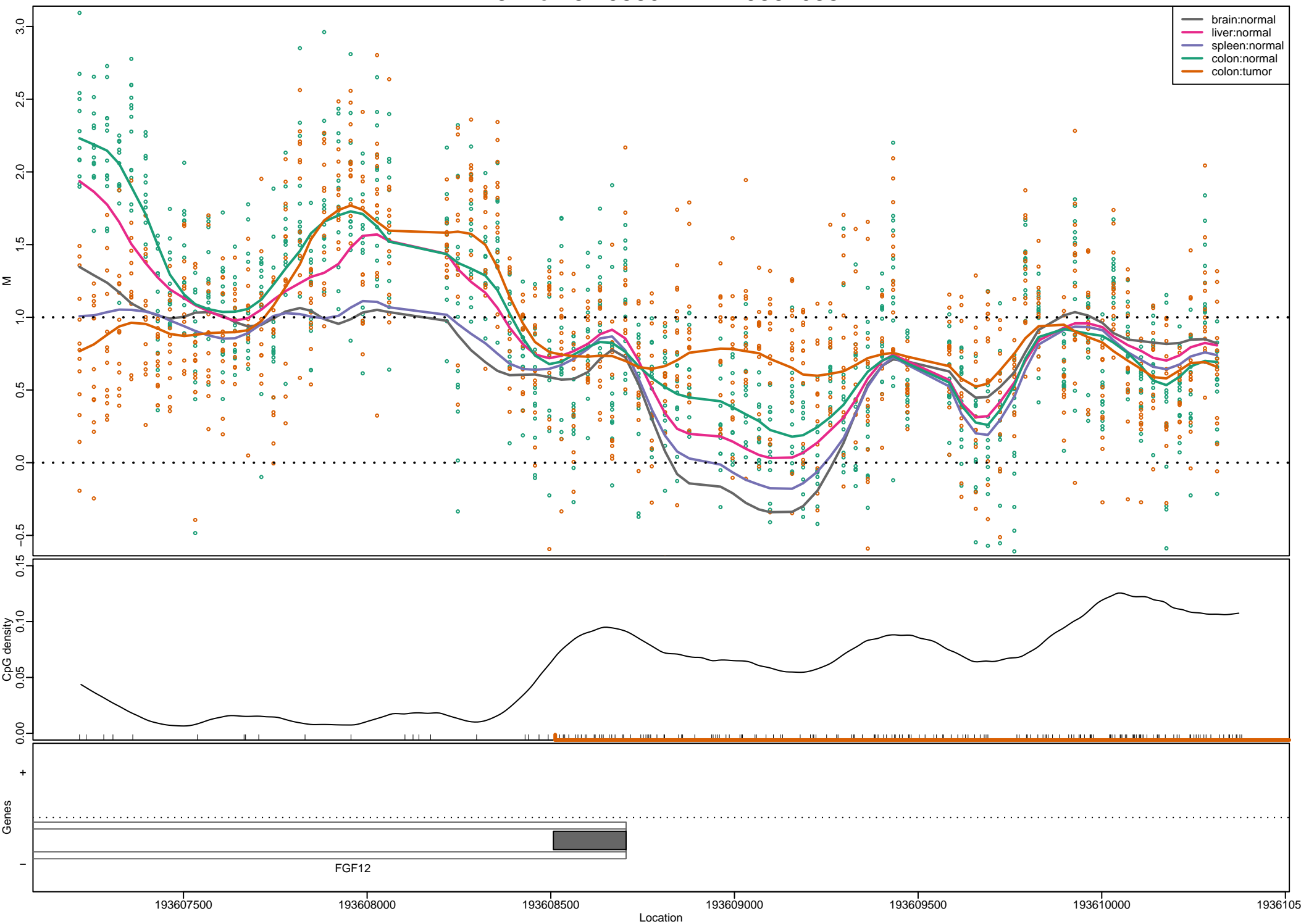
ID:13--chr22:35335058-35337215



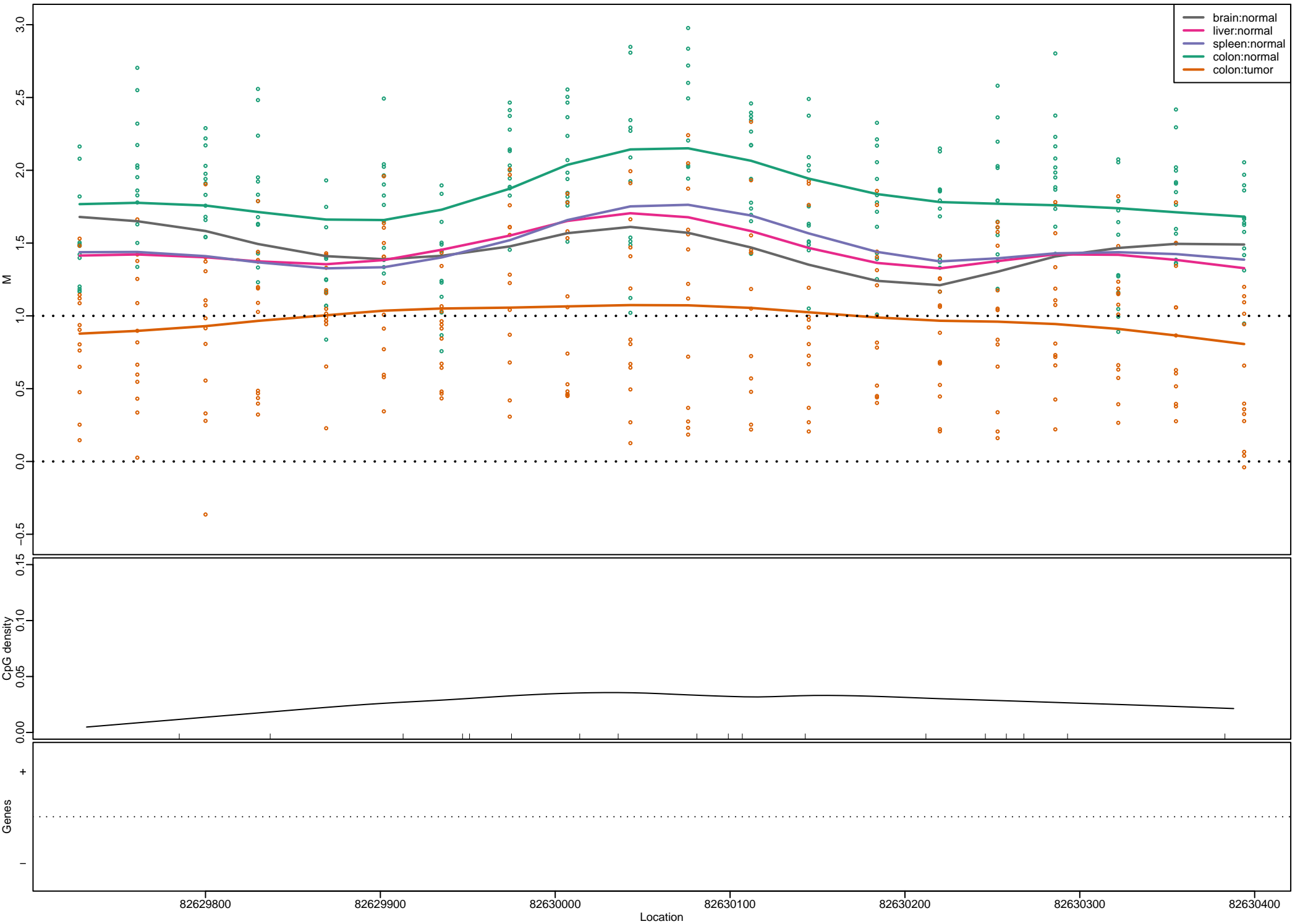
ID:14--chr22:48411472-48414669



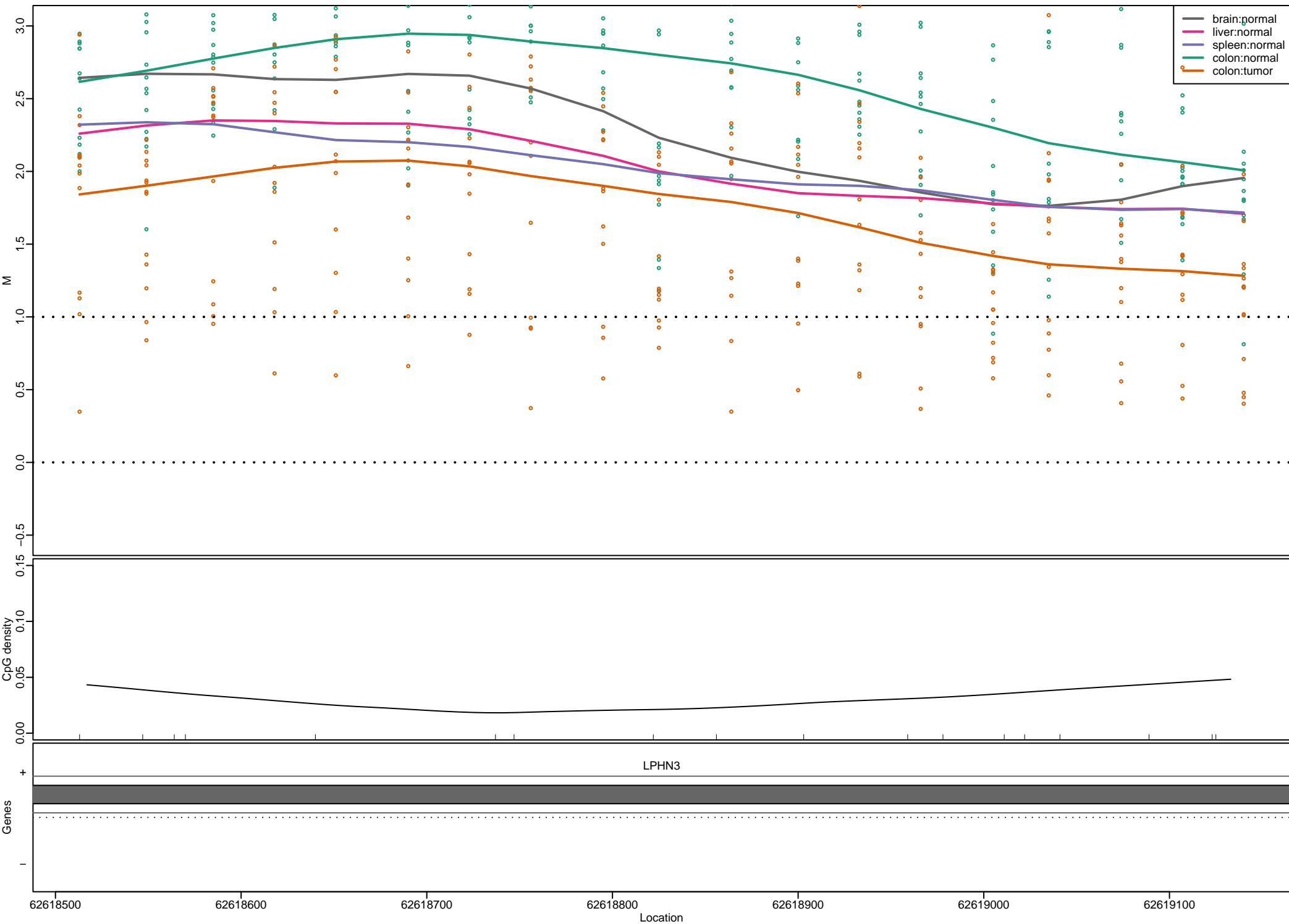
ID:15--chr3:193607217-193610384



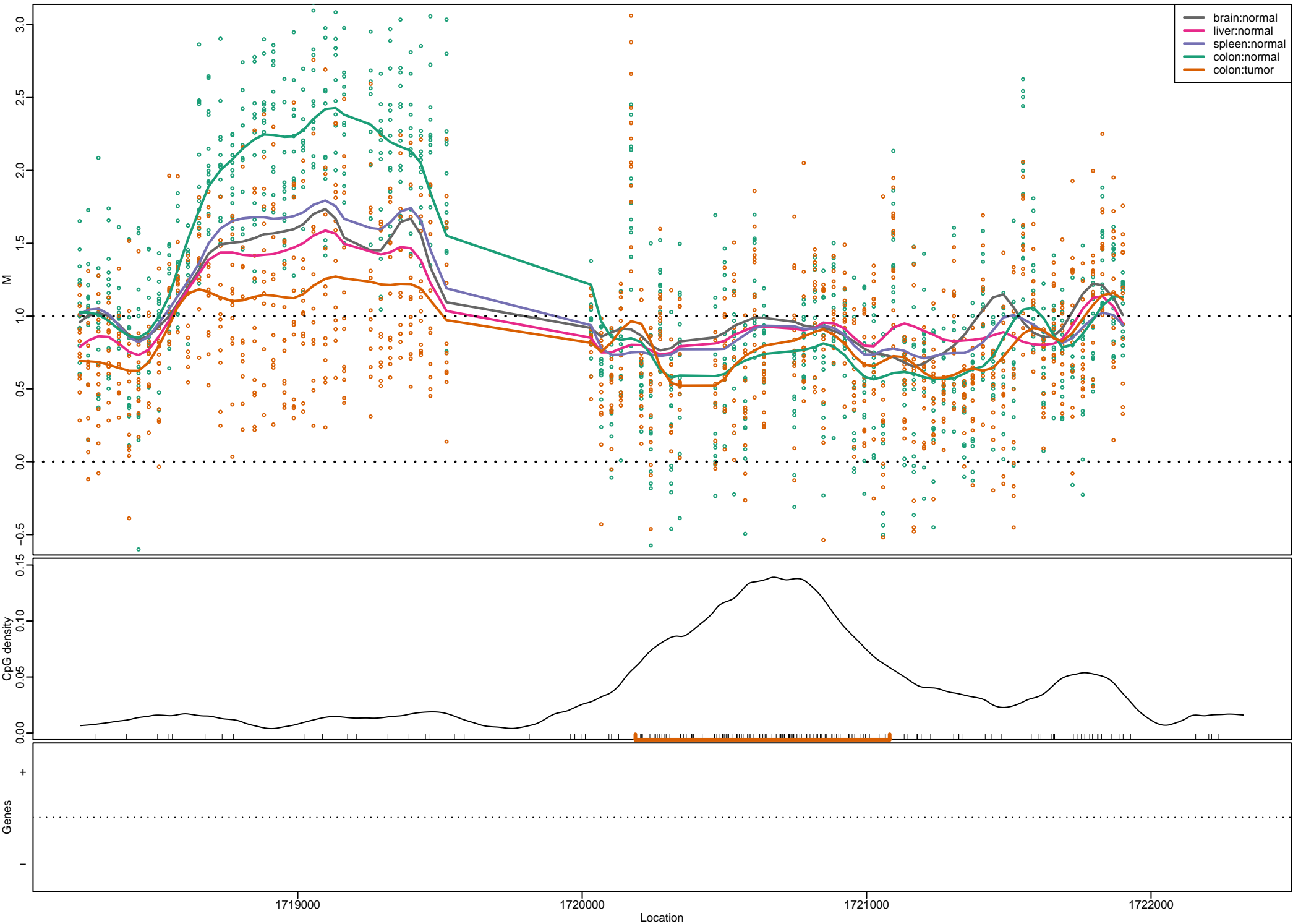
ID:16--chr3:82629728-82630394



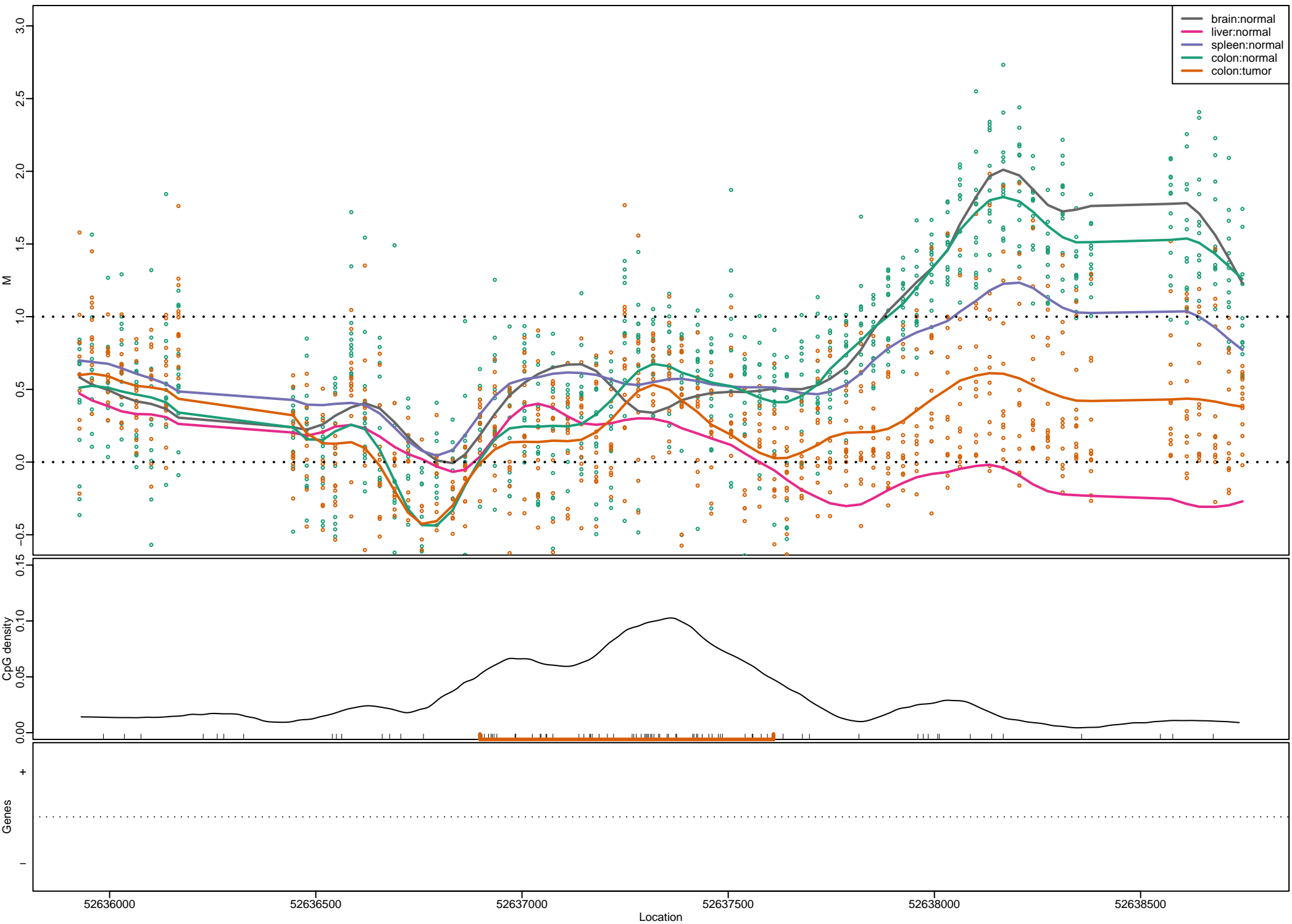
ID:17--chr4:62618513-62619140



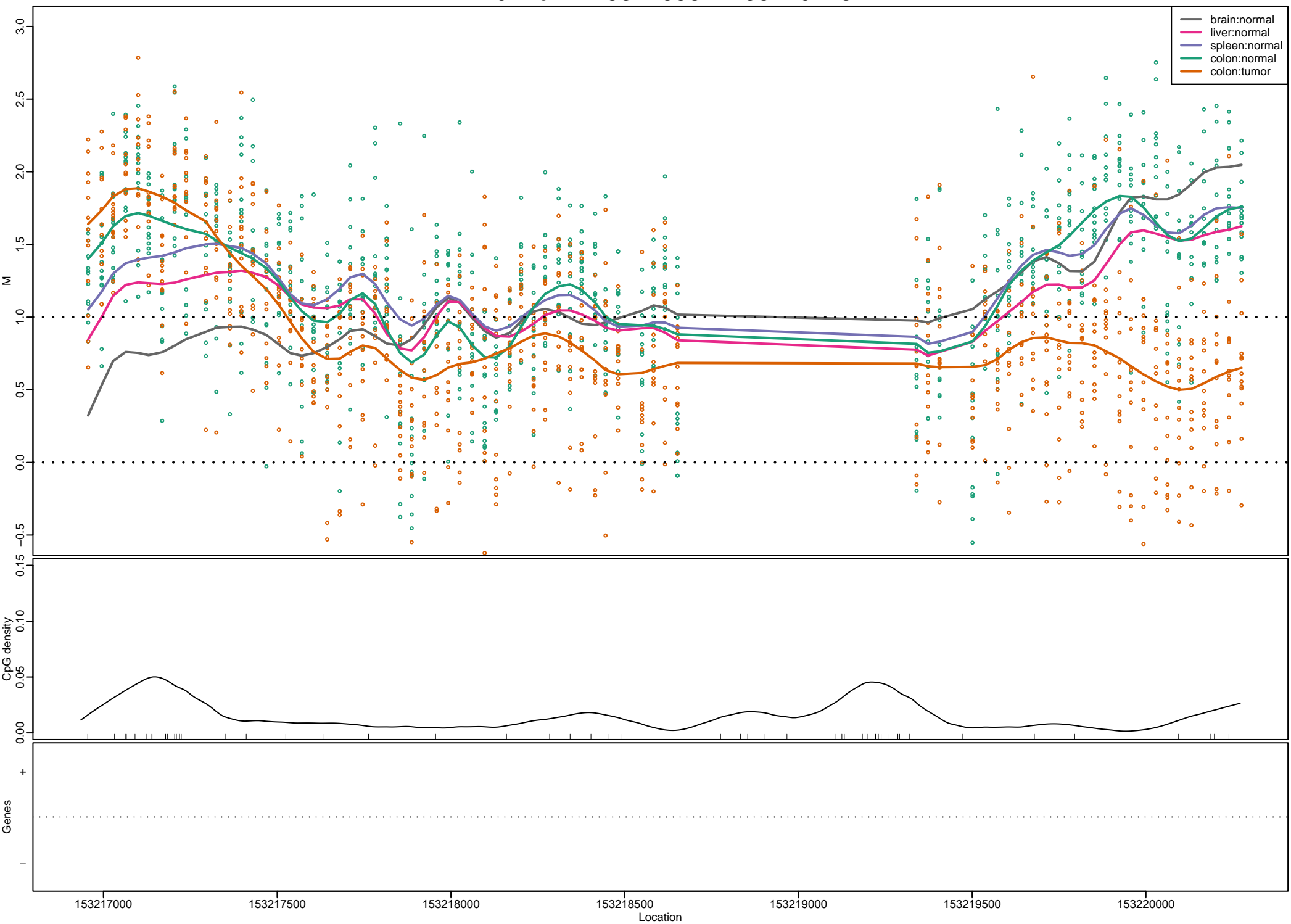
ID:18--chr5:1718233-1722329



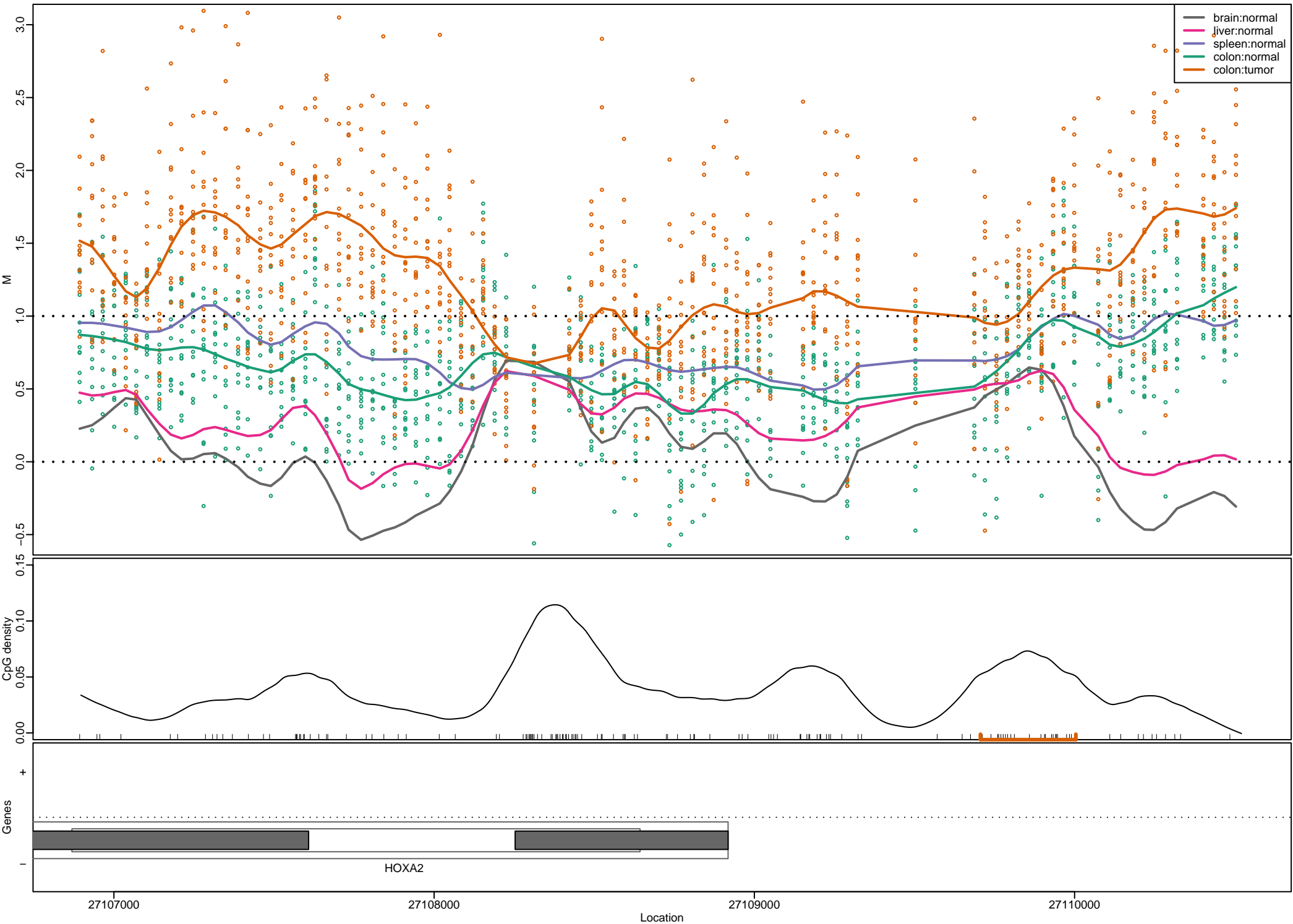
ID:19--chr6:52635927-52638747



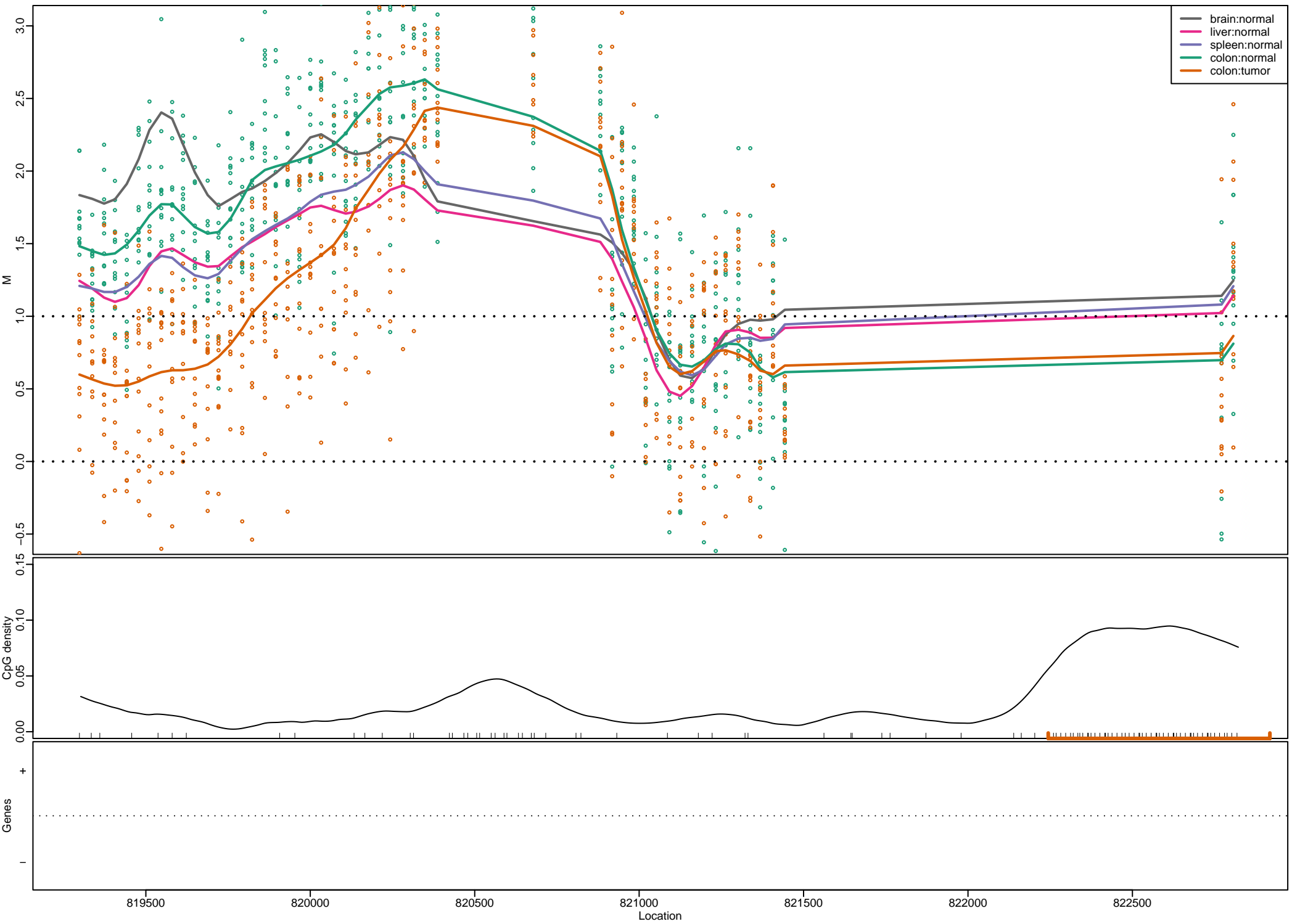
ID:20--chr7:153216931-153220275



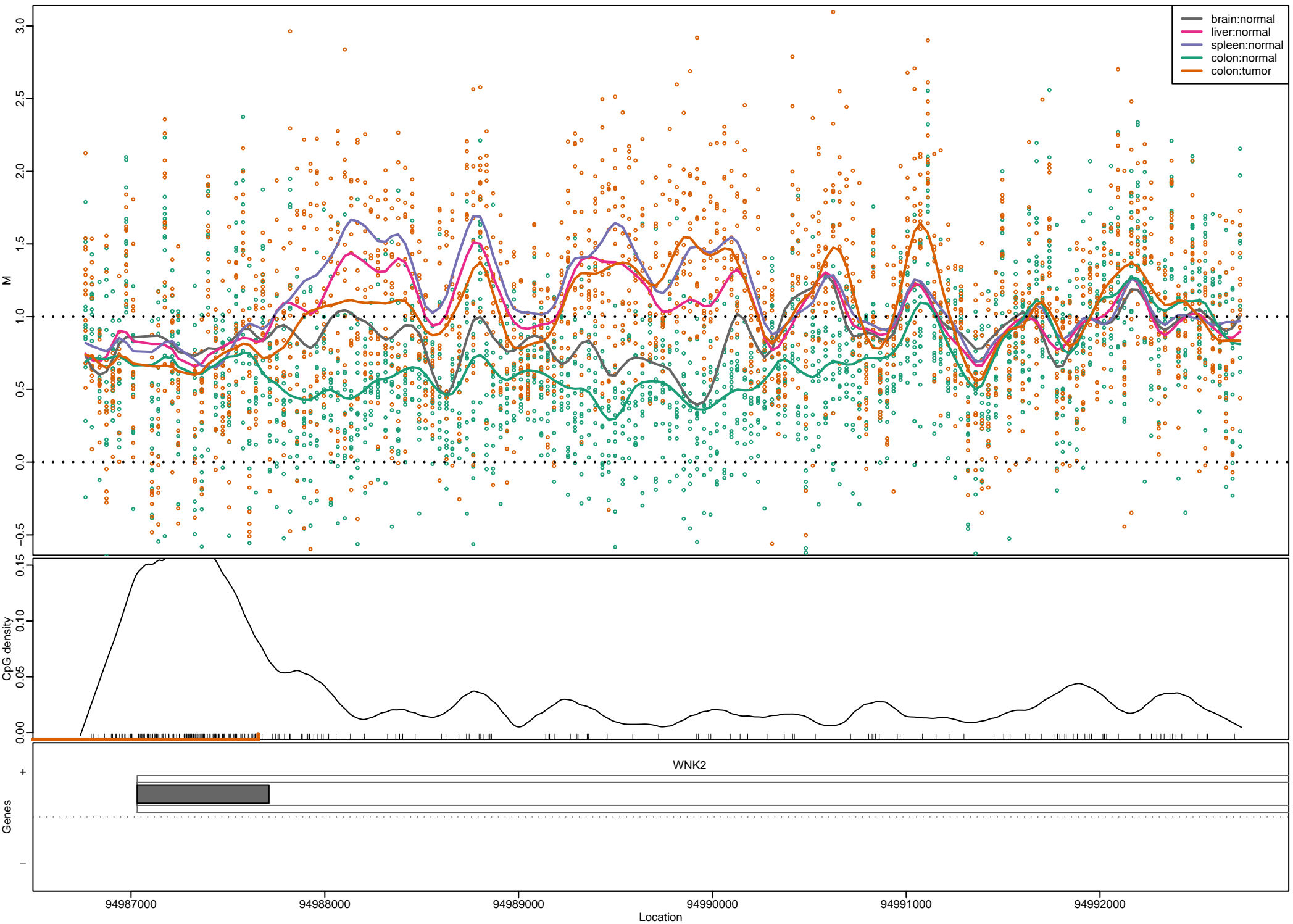
ID:21--chr7:27106893-27110531



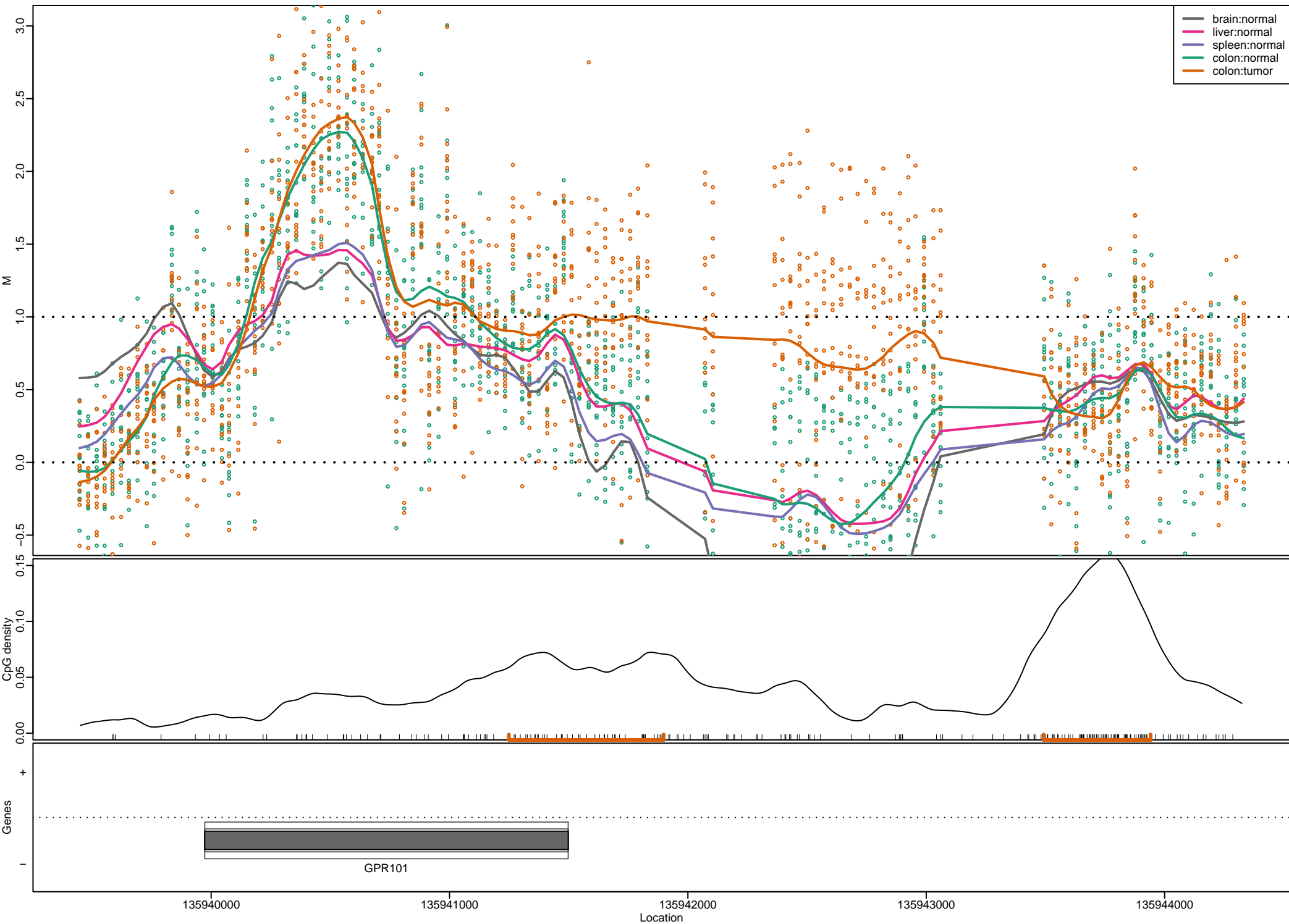
ID:22--chr8:819298-822831



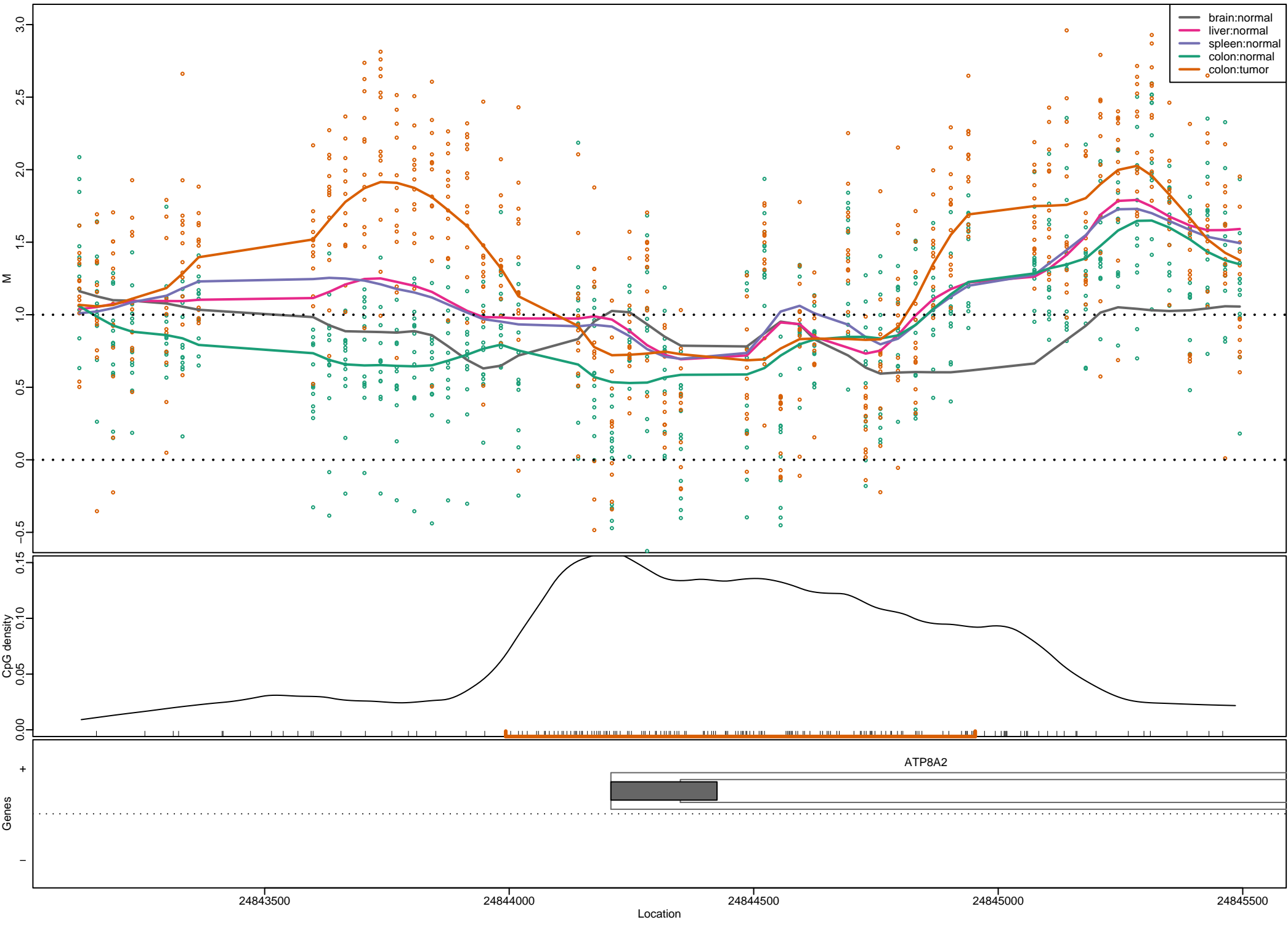
ID:23--chr9:94986734-94992734



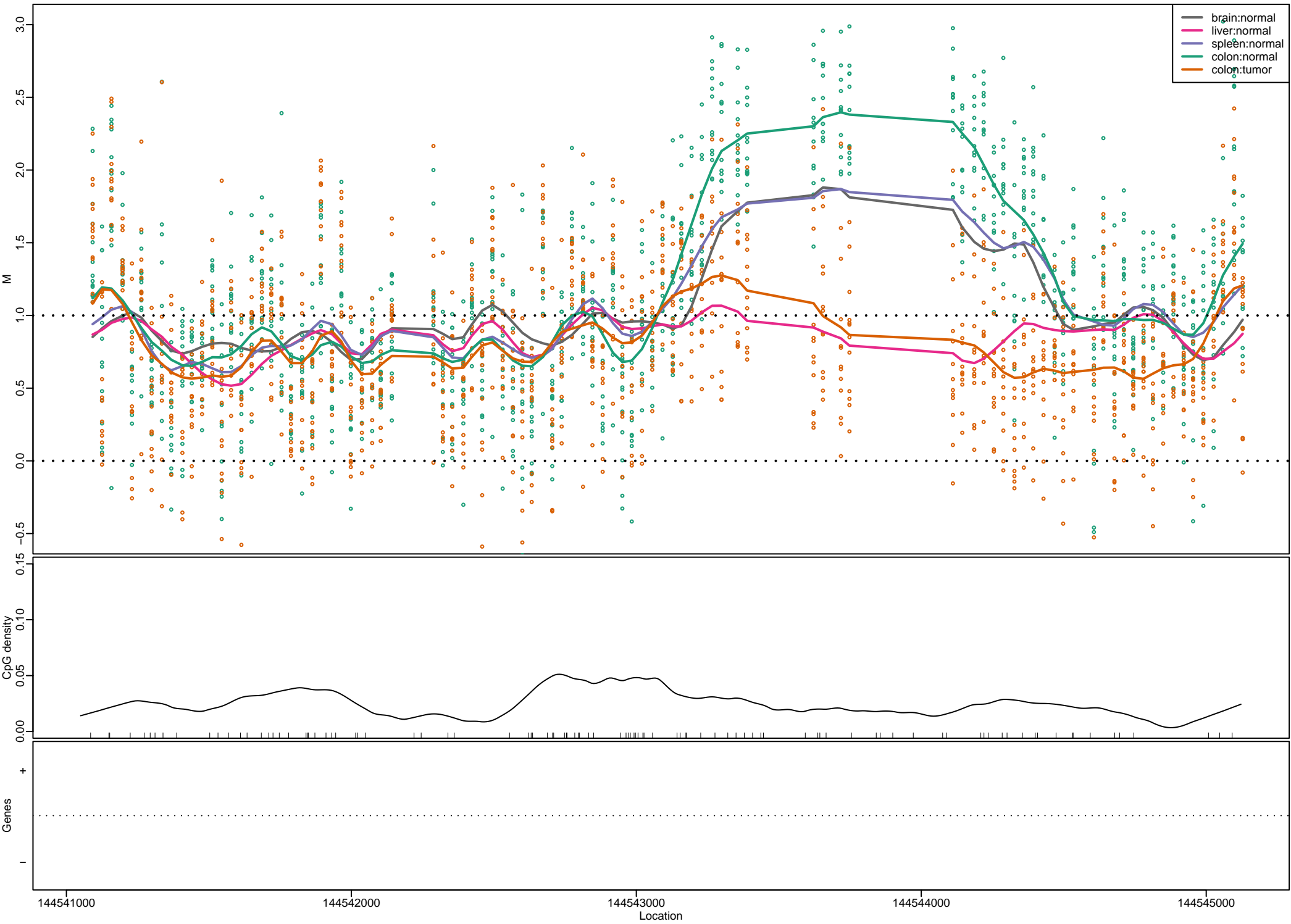
ID:24--chrX:135939448-135944332



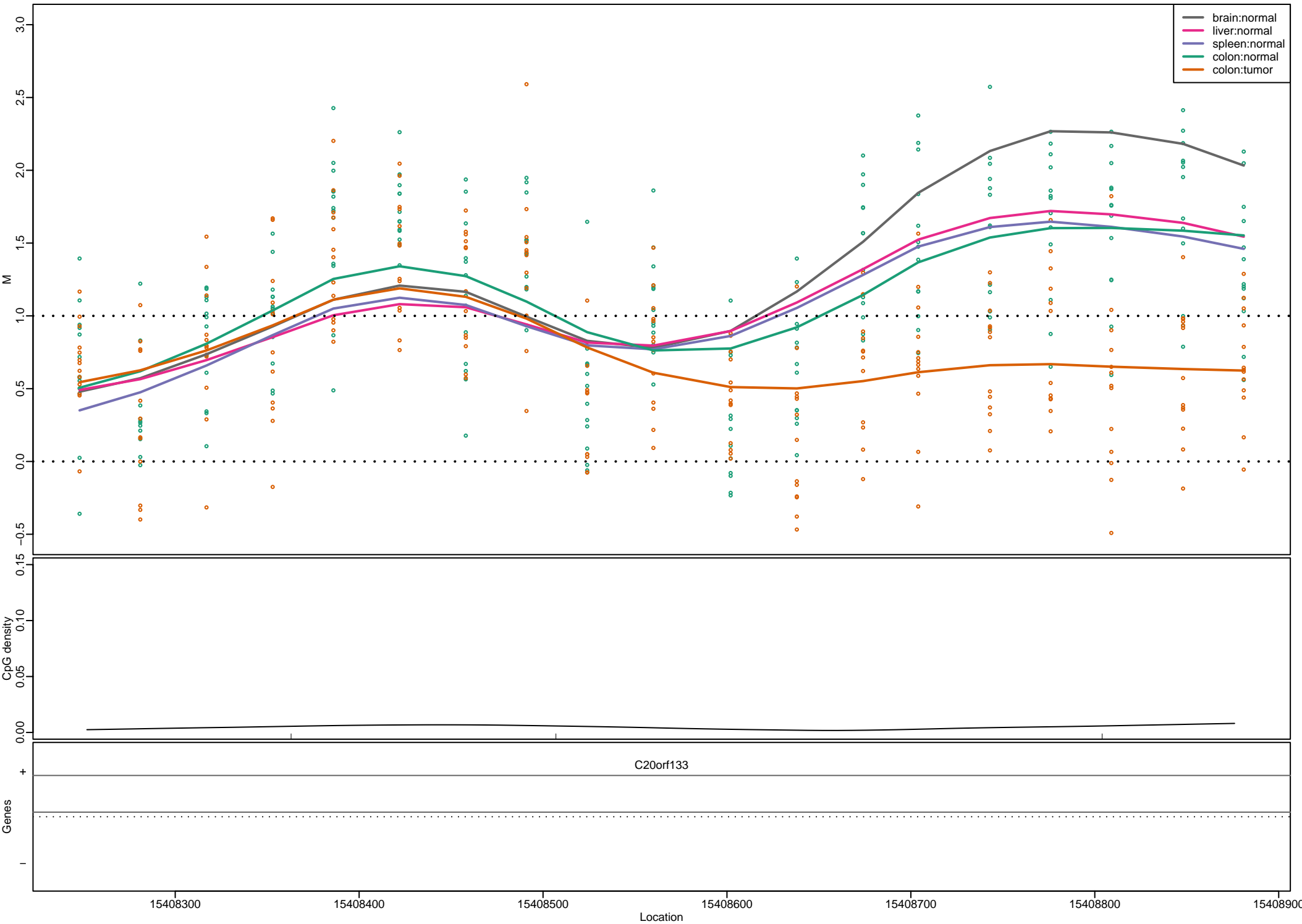
ID:25--chr13:24843121-24845494



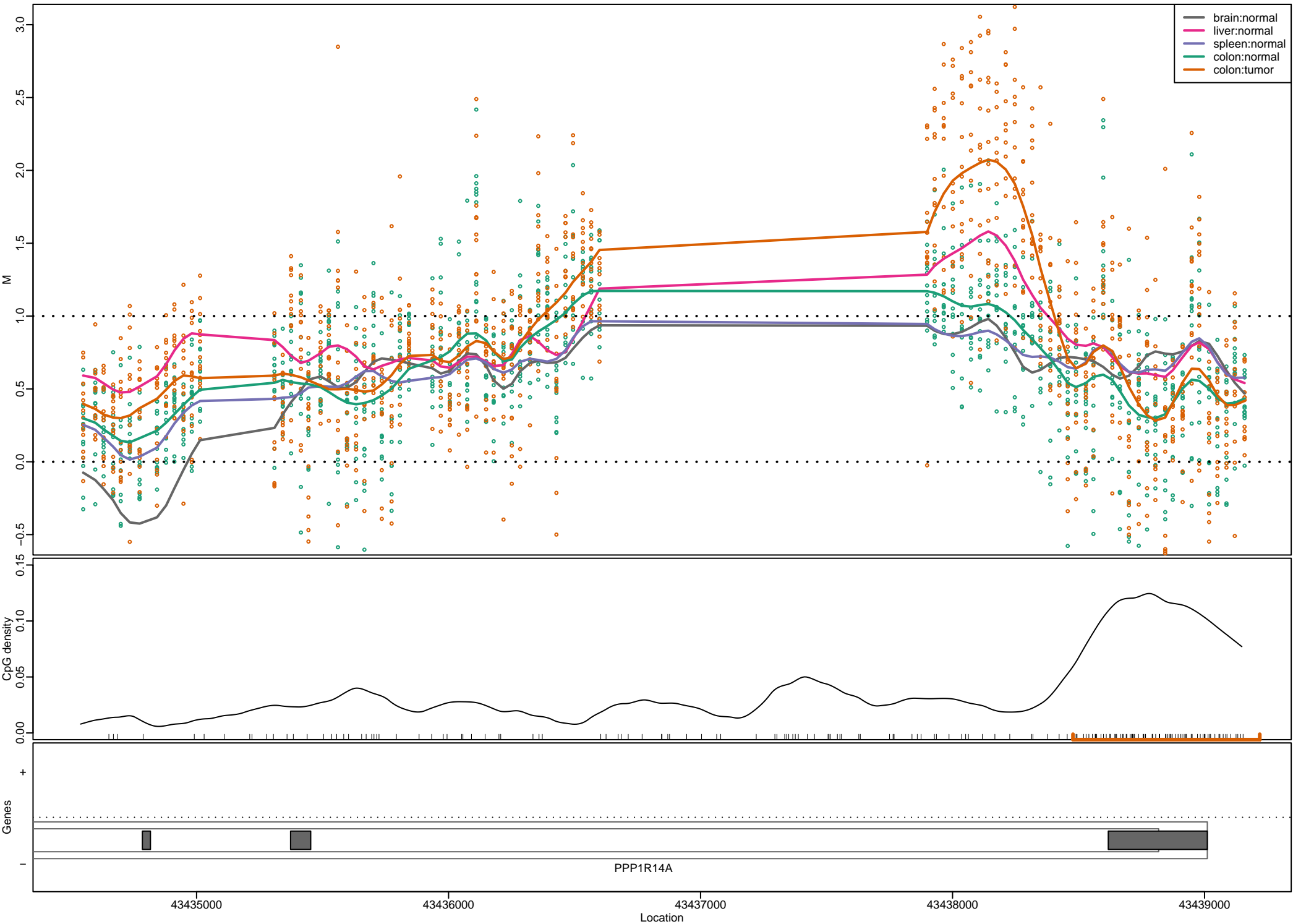
ID:26--chr8:144541046-144545128



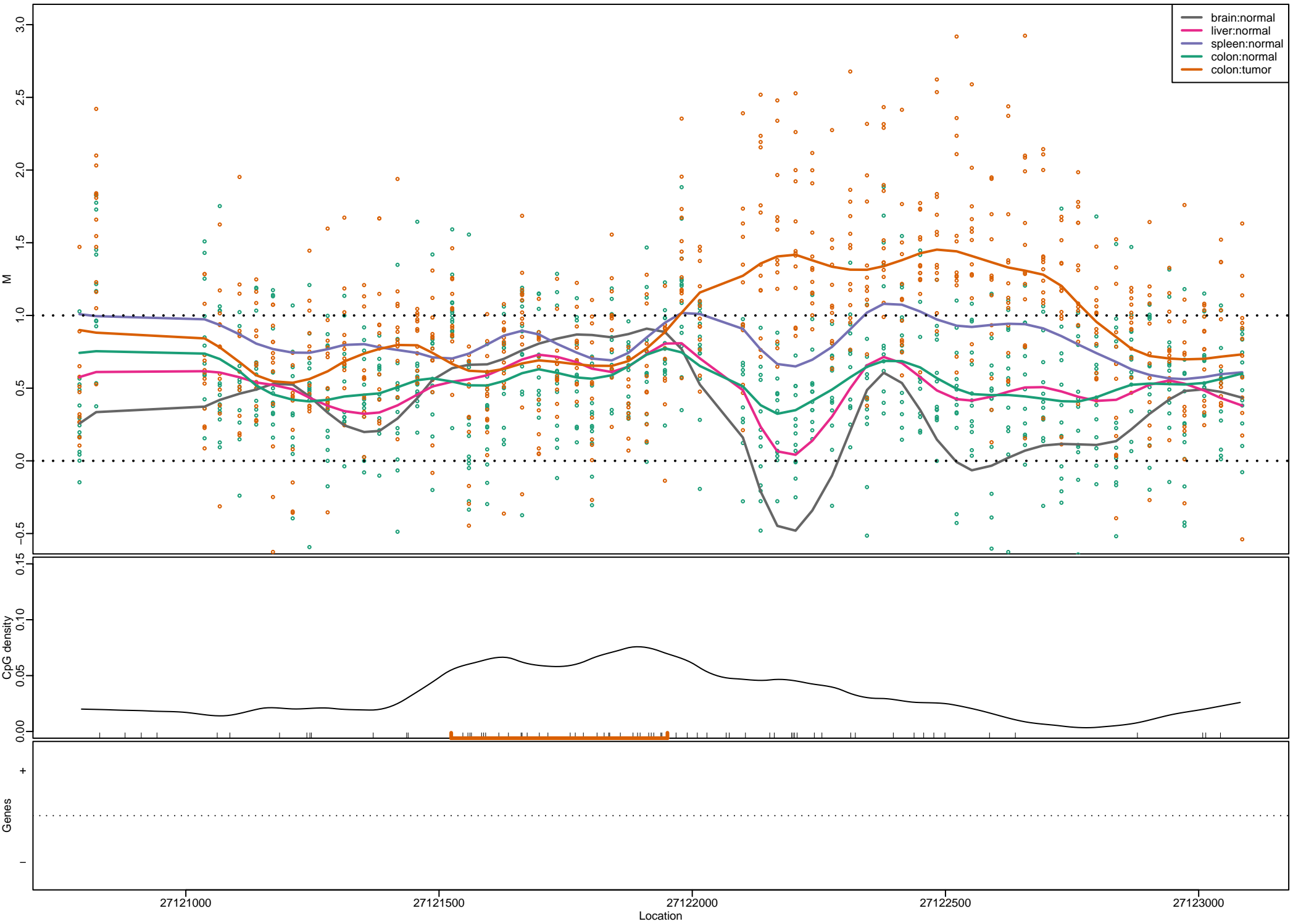
ID:27--chr20:15408248-15408881



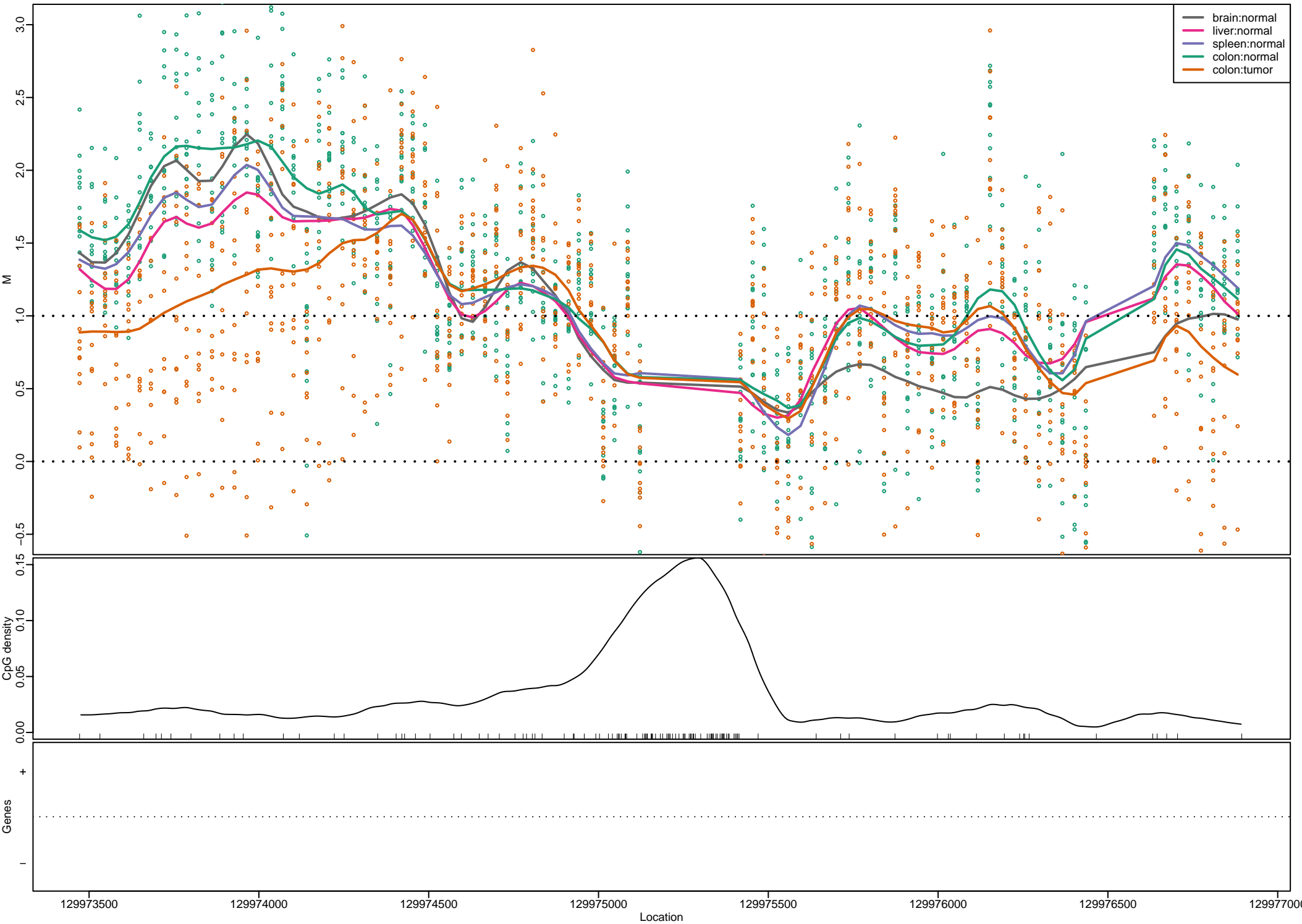
ID:28--chr19:43434536-43439159



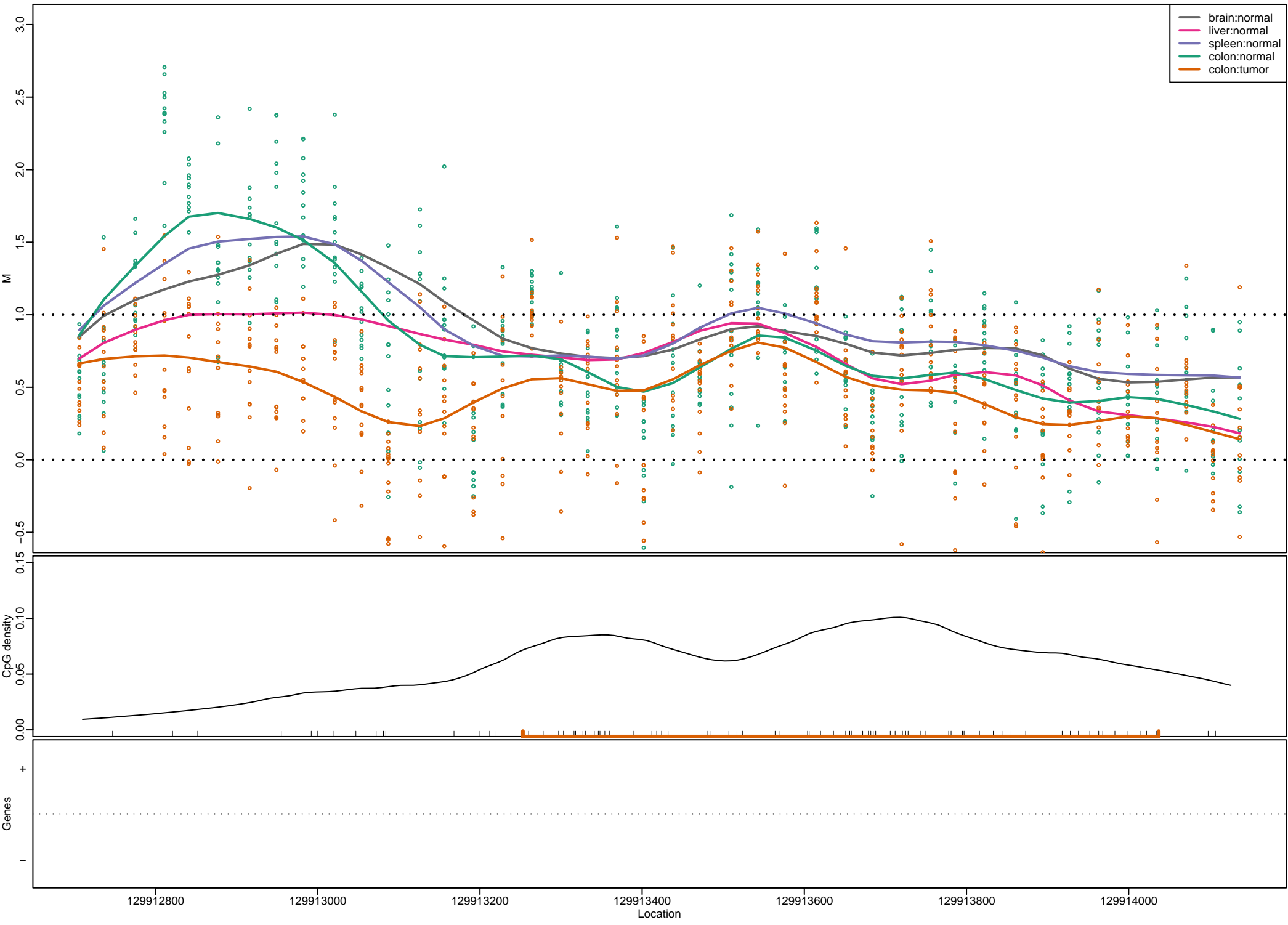
ID:29--chr7:27120790-27123086



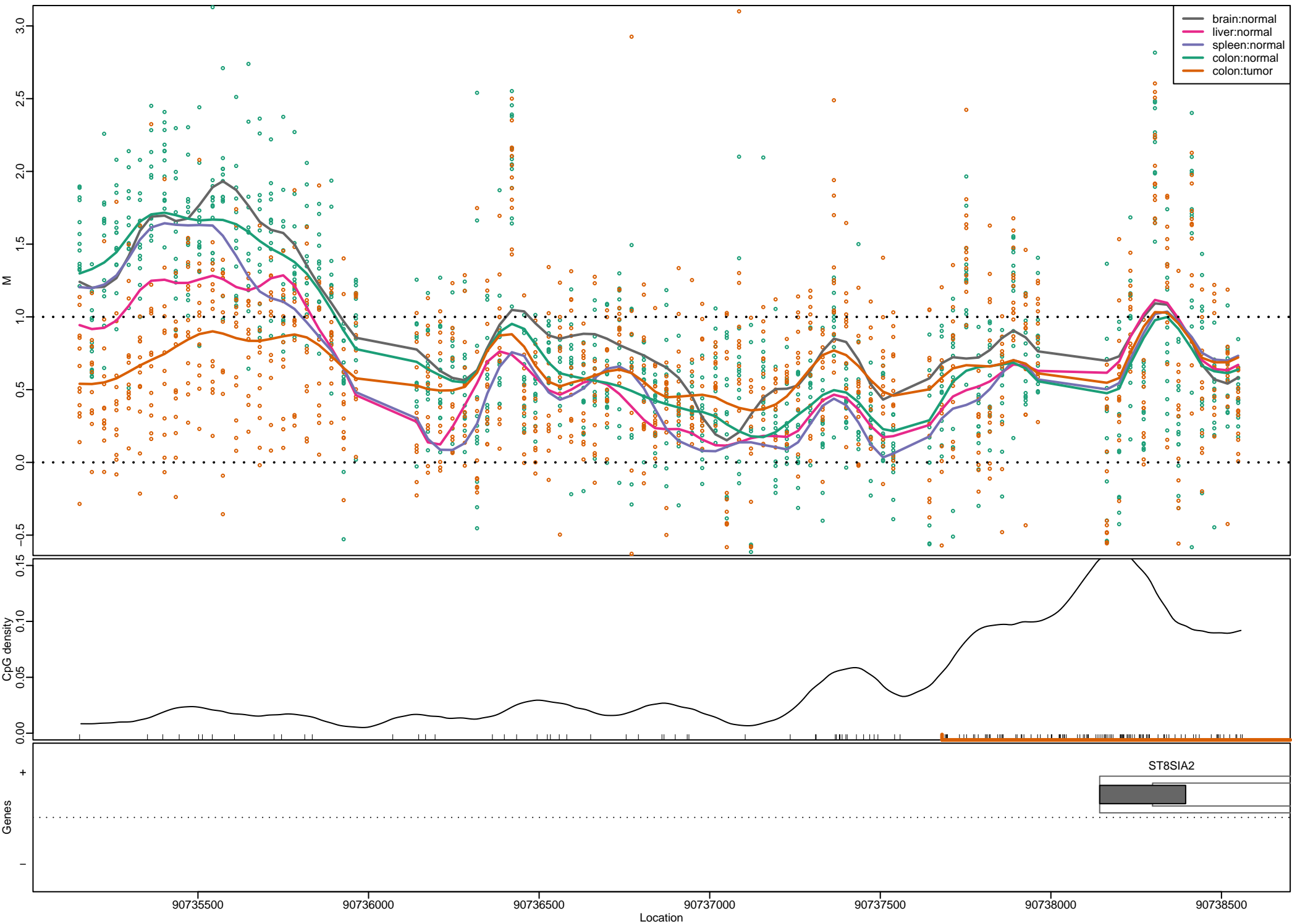
ID:30--chr10:129973472-129976900



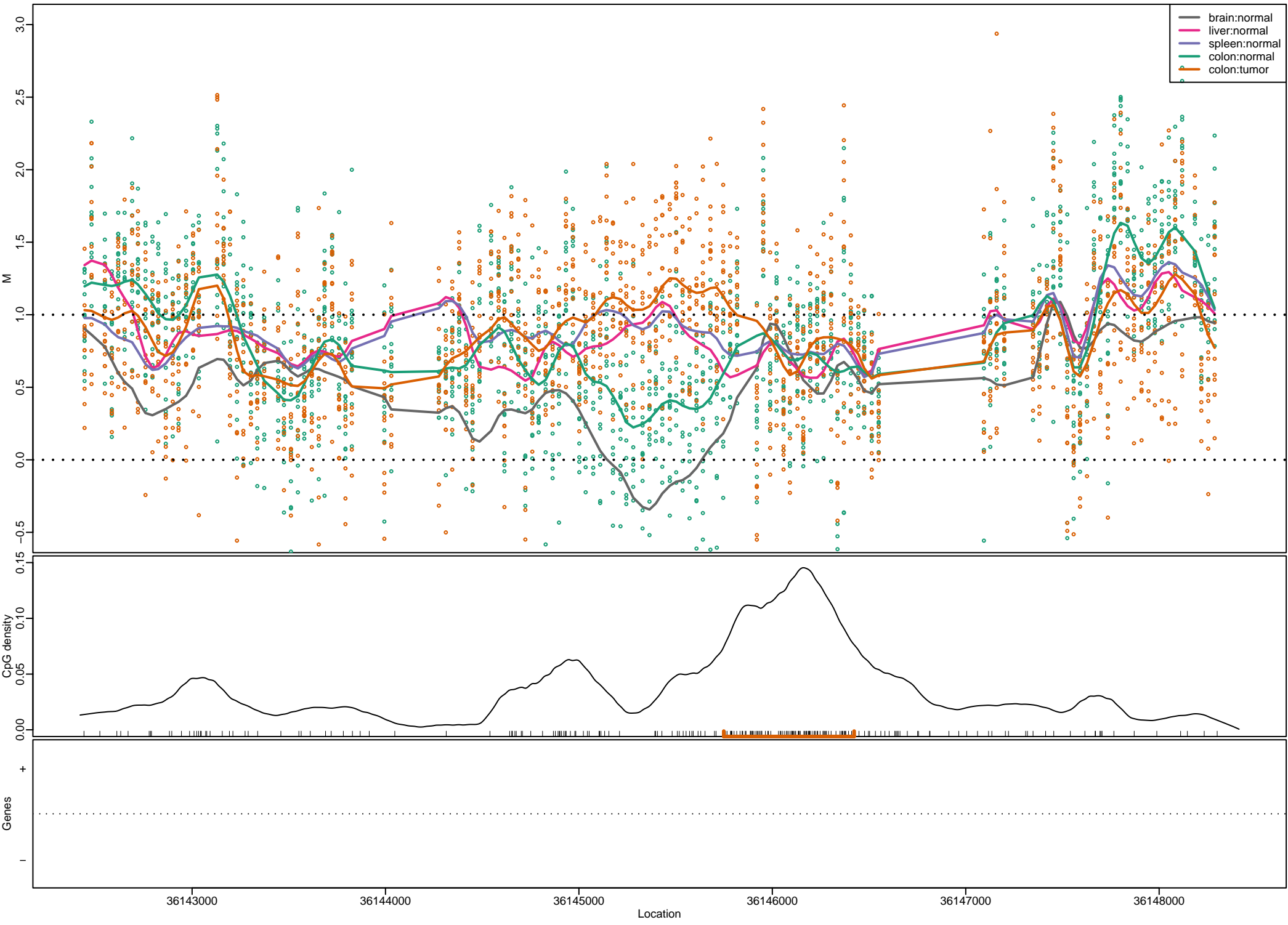
ID:31--chr7:129912706-129914137



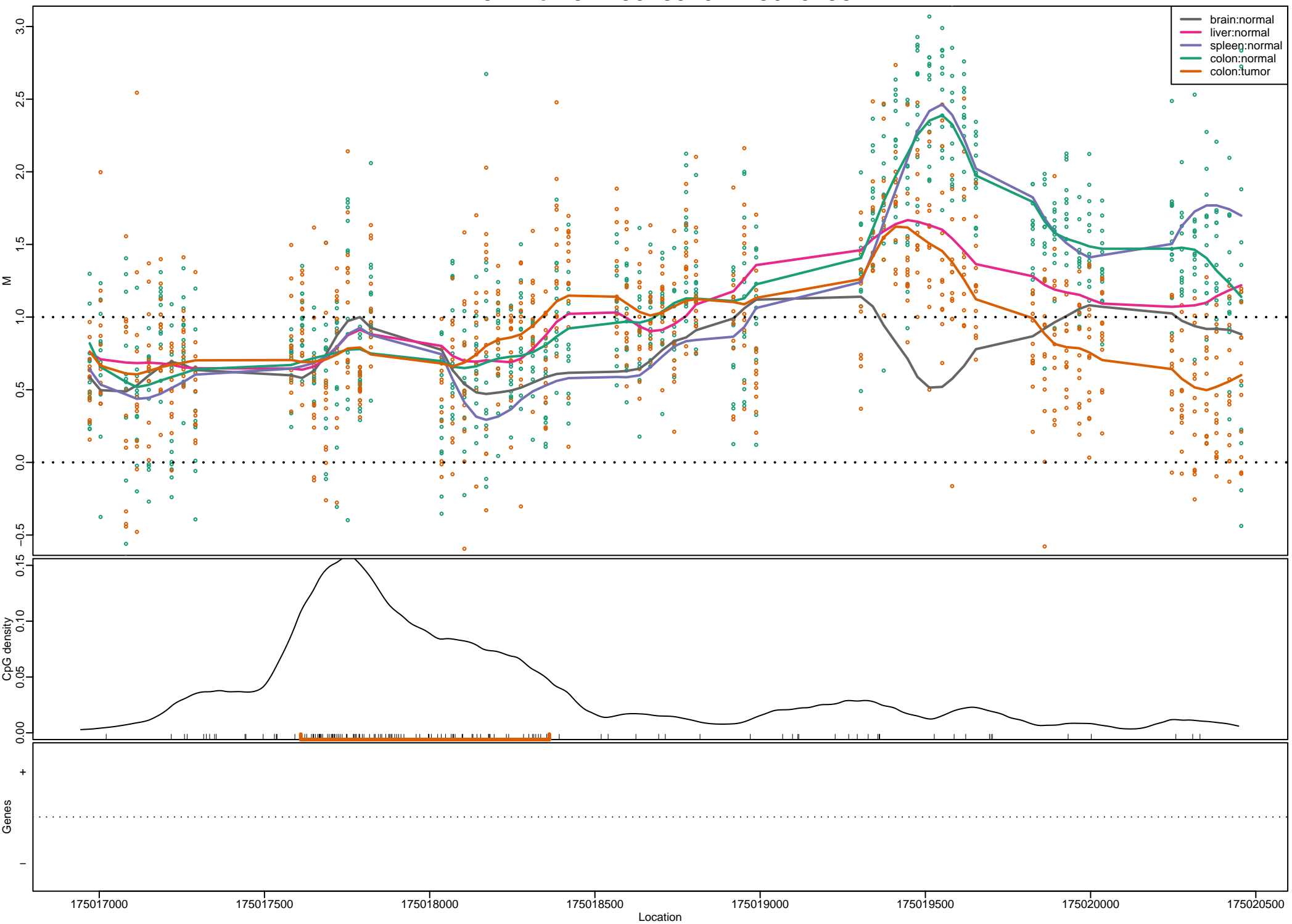
ID:32--chr15:90735153-90738565



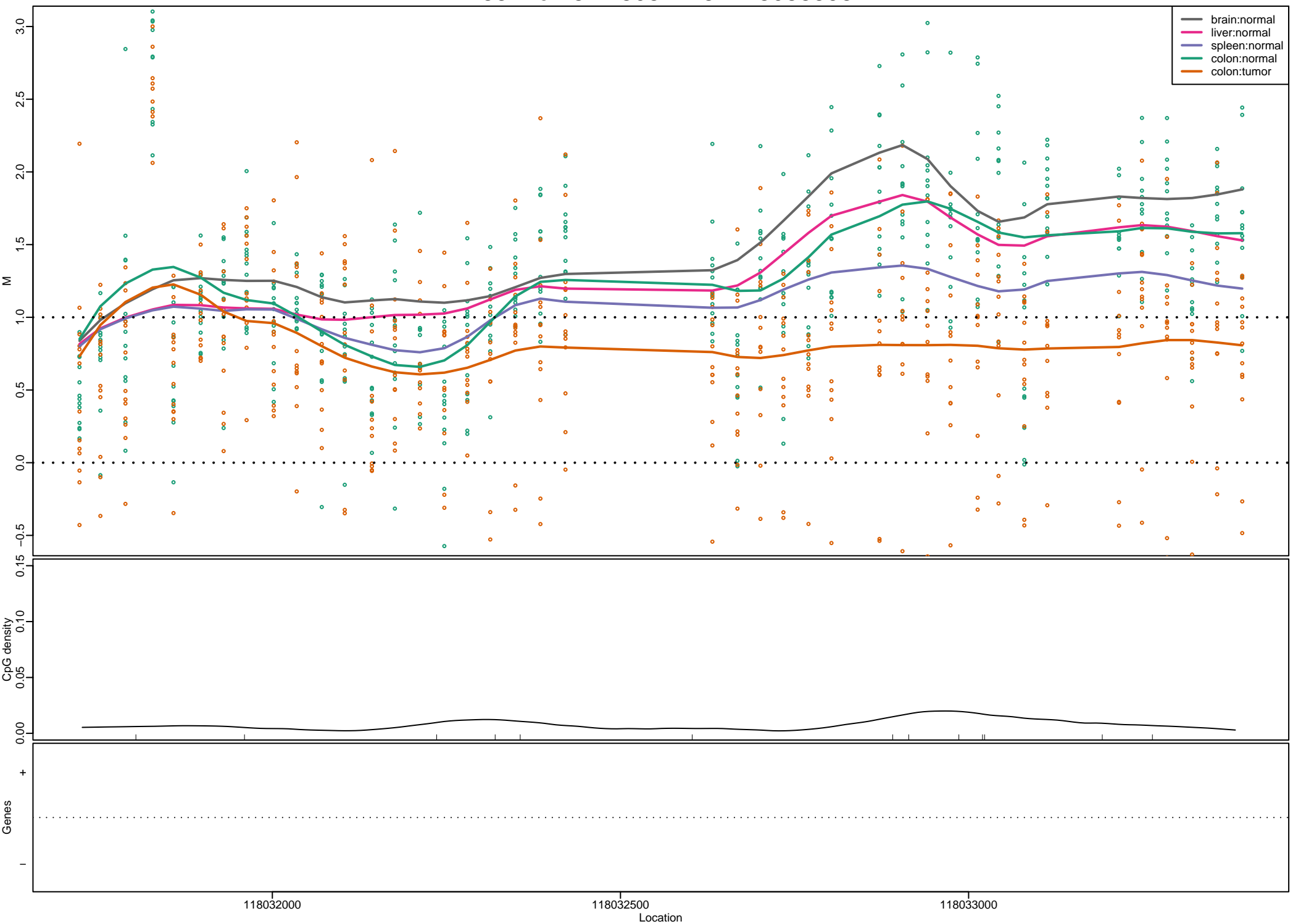
ID:33--chr22:36142417-36148417



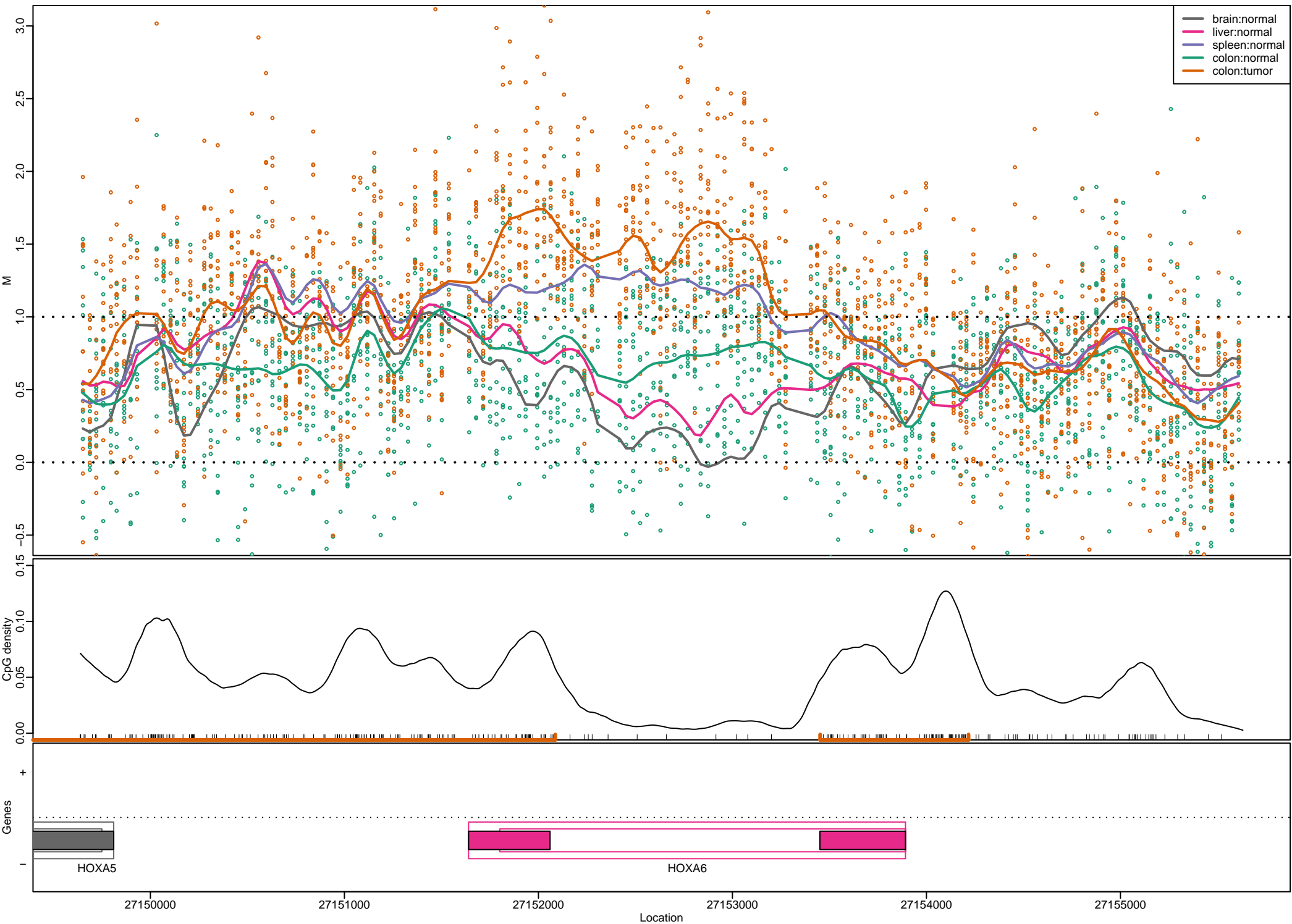
ID:34--chr5:175016940-175020456



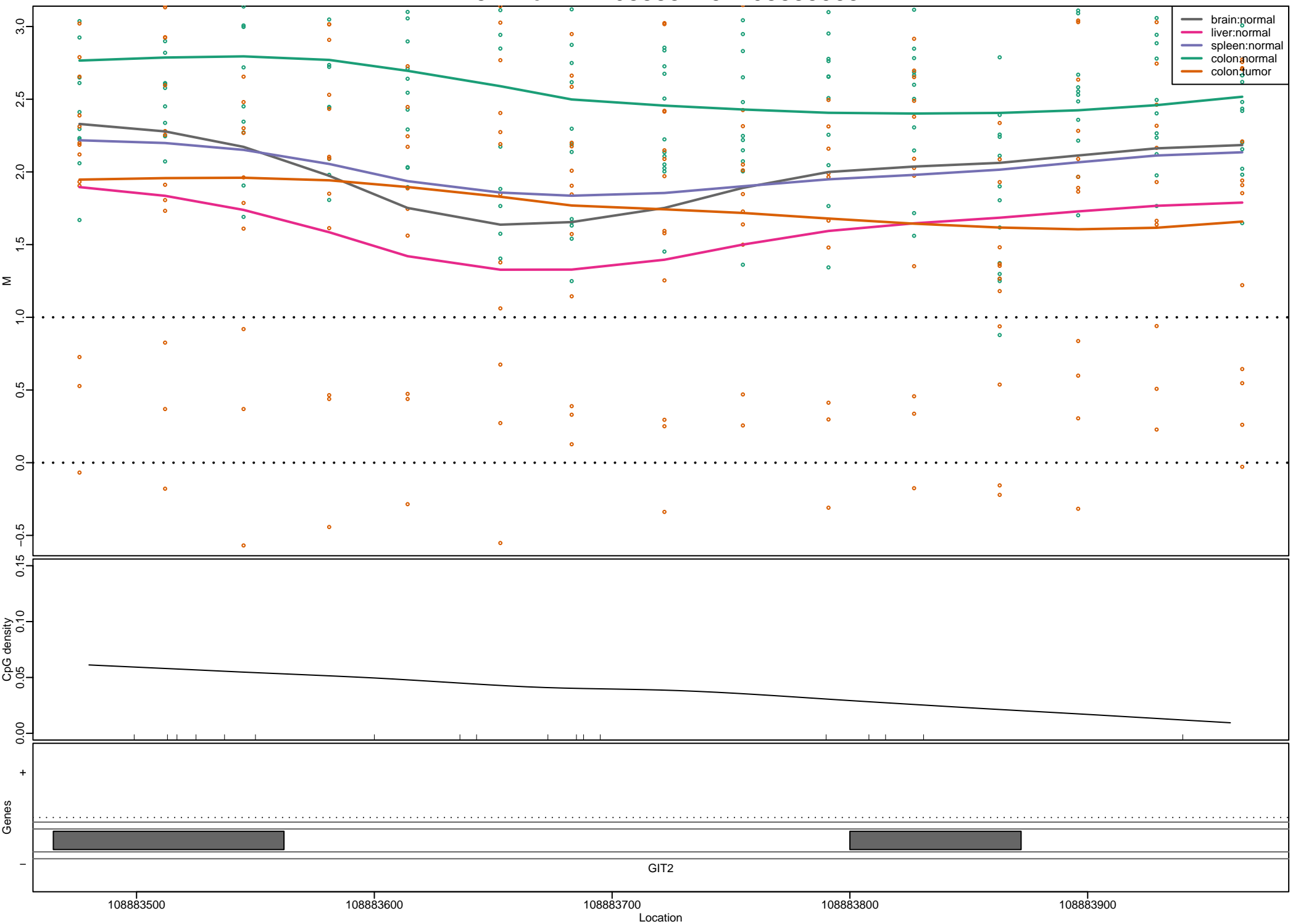
ID:35--chr8:118031723-118033393



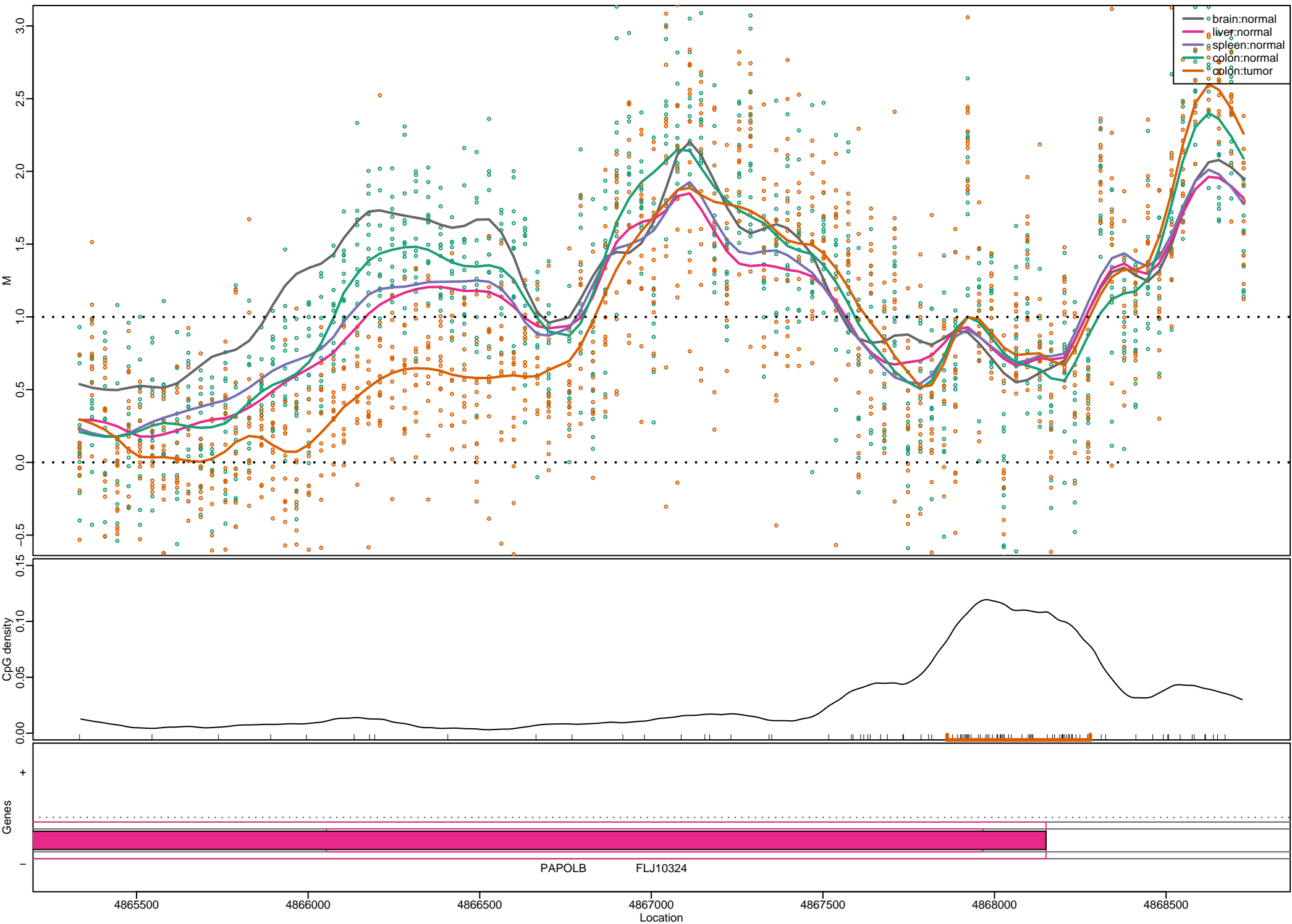
ID:36--chr7:27149635-27155635



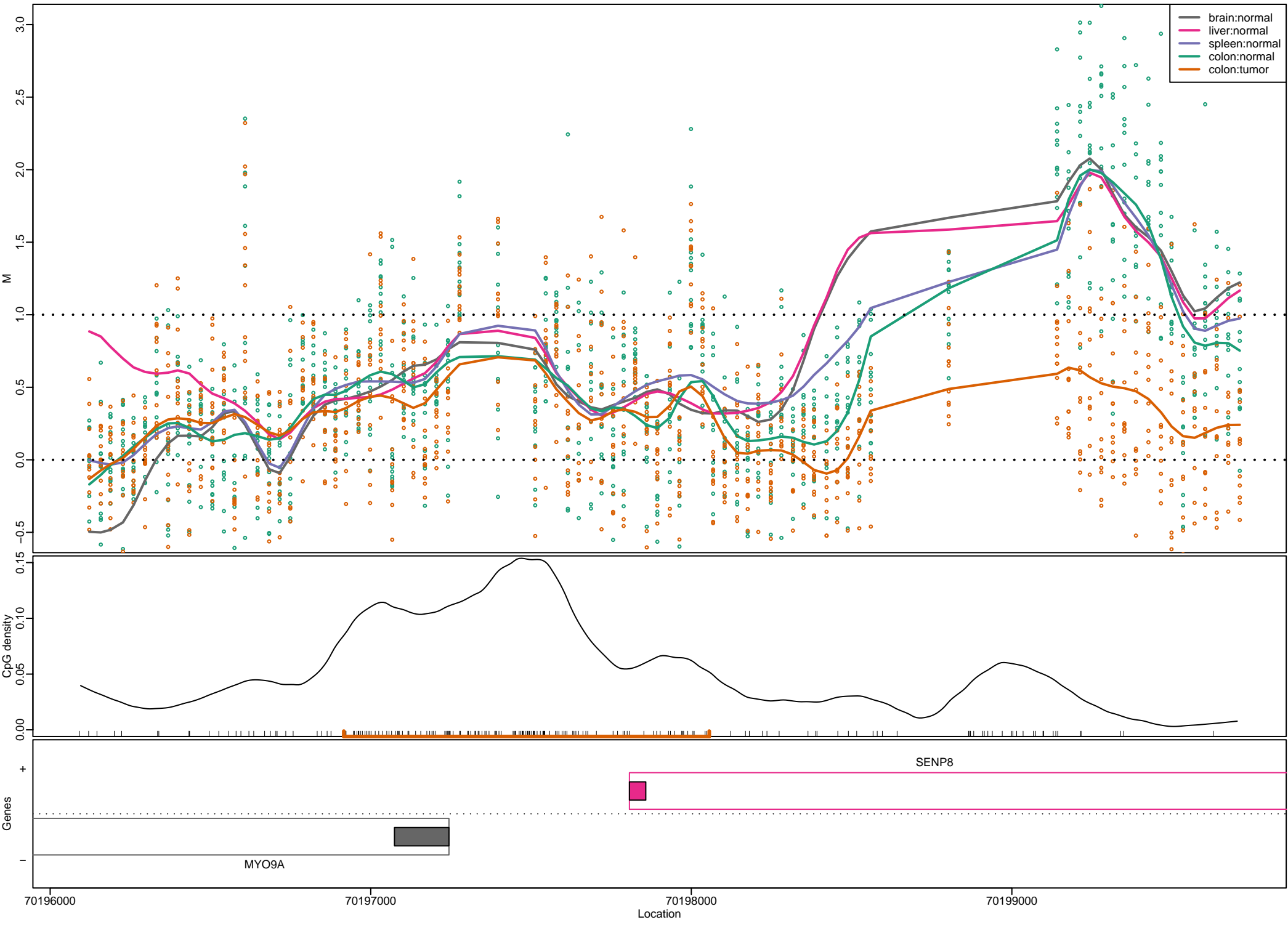
ID:37--chr12:108883476-108883965



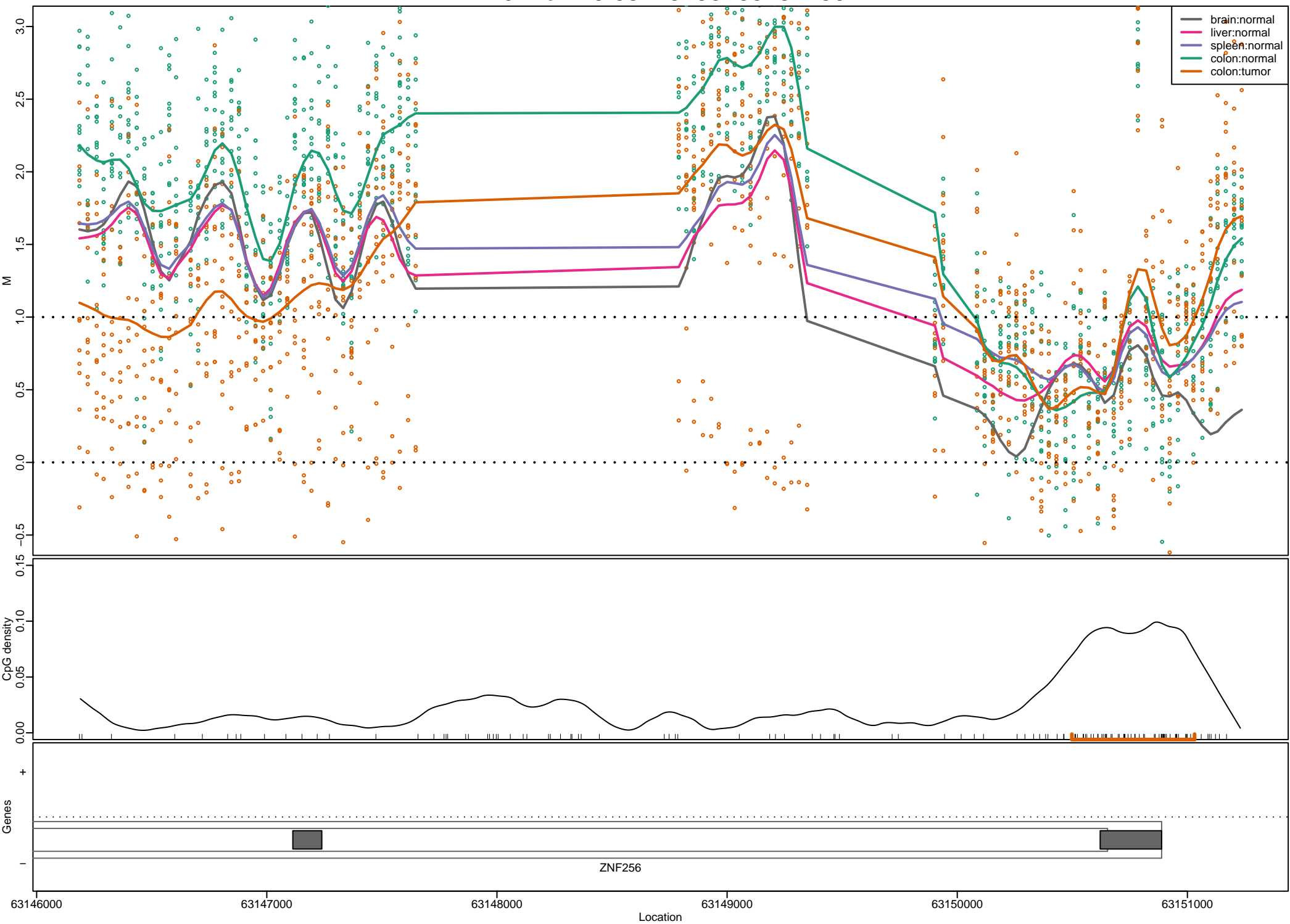
ID:38--chr7:4865334-4868726



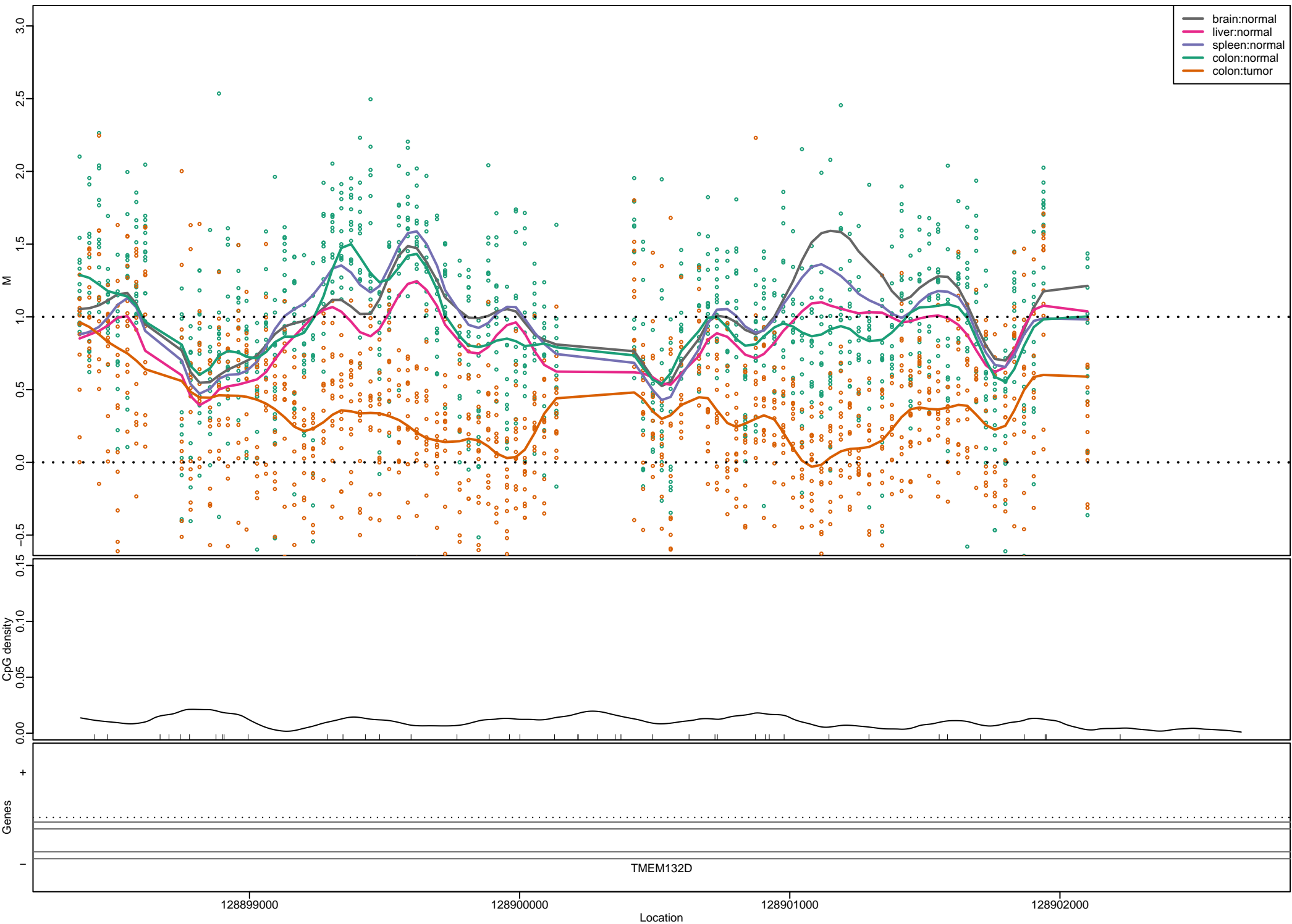
ID:39--chr15:70196091-70199711



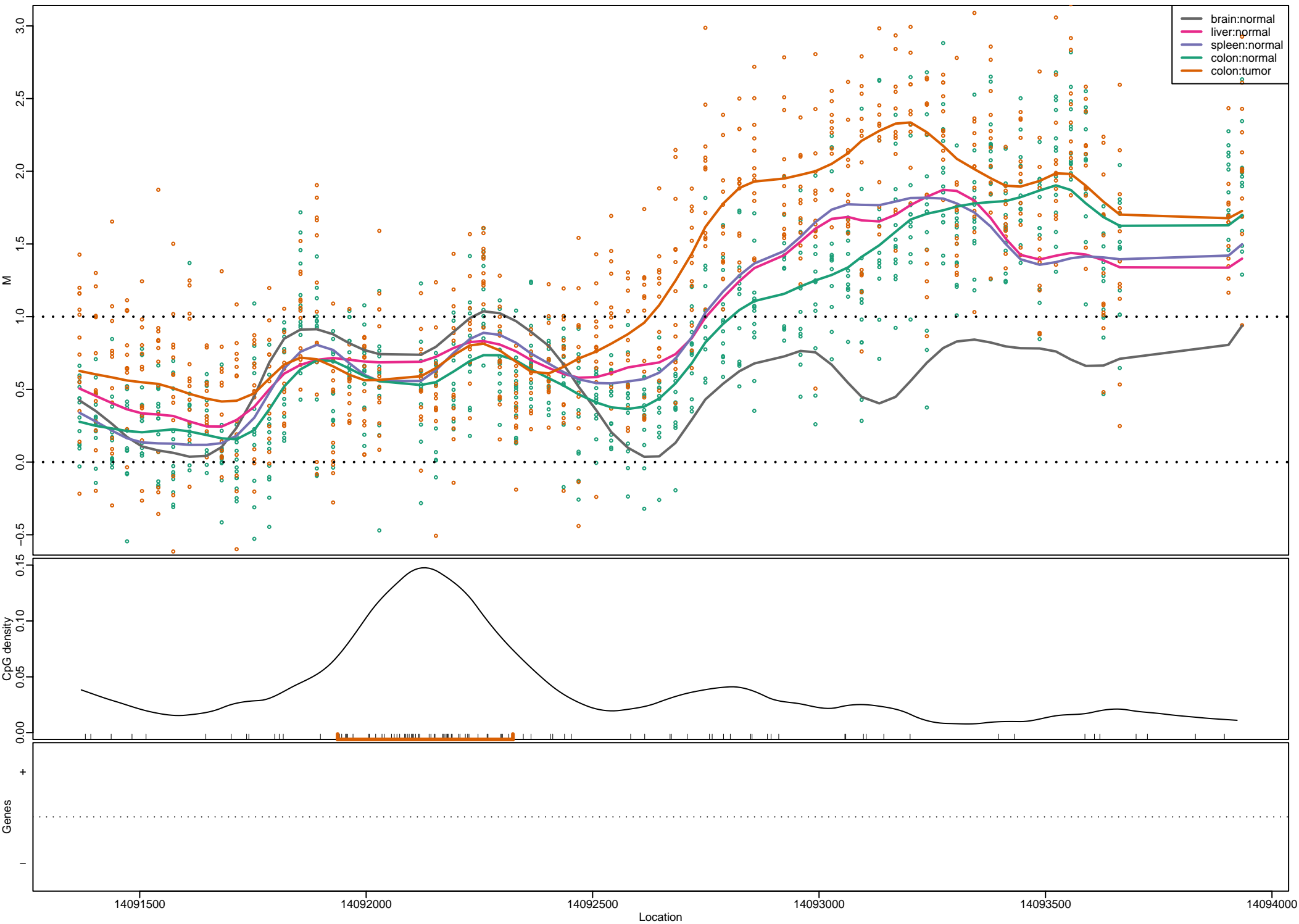
ID:40--chr19:63146186-63151236



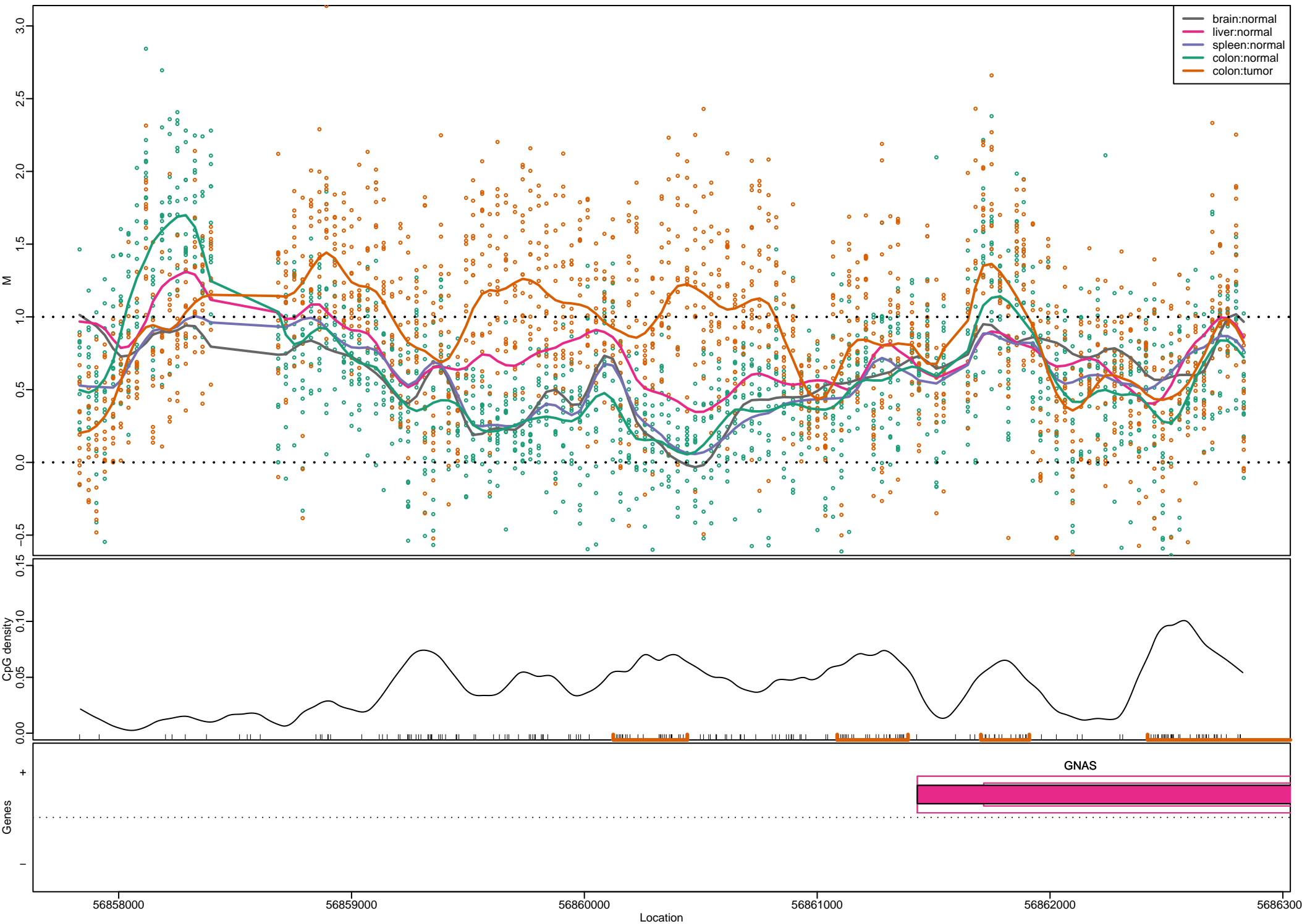
ID:41--chr12:128898371-128902680



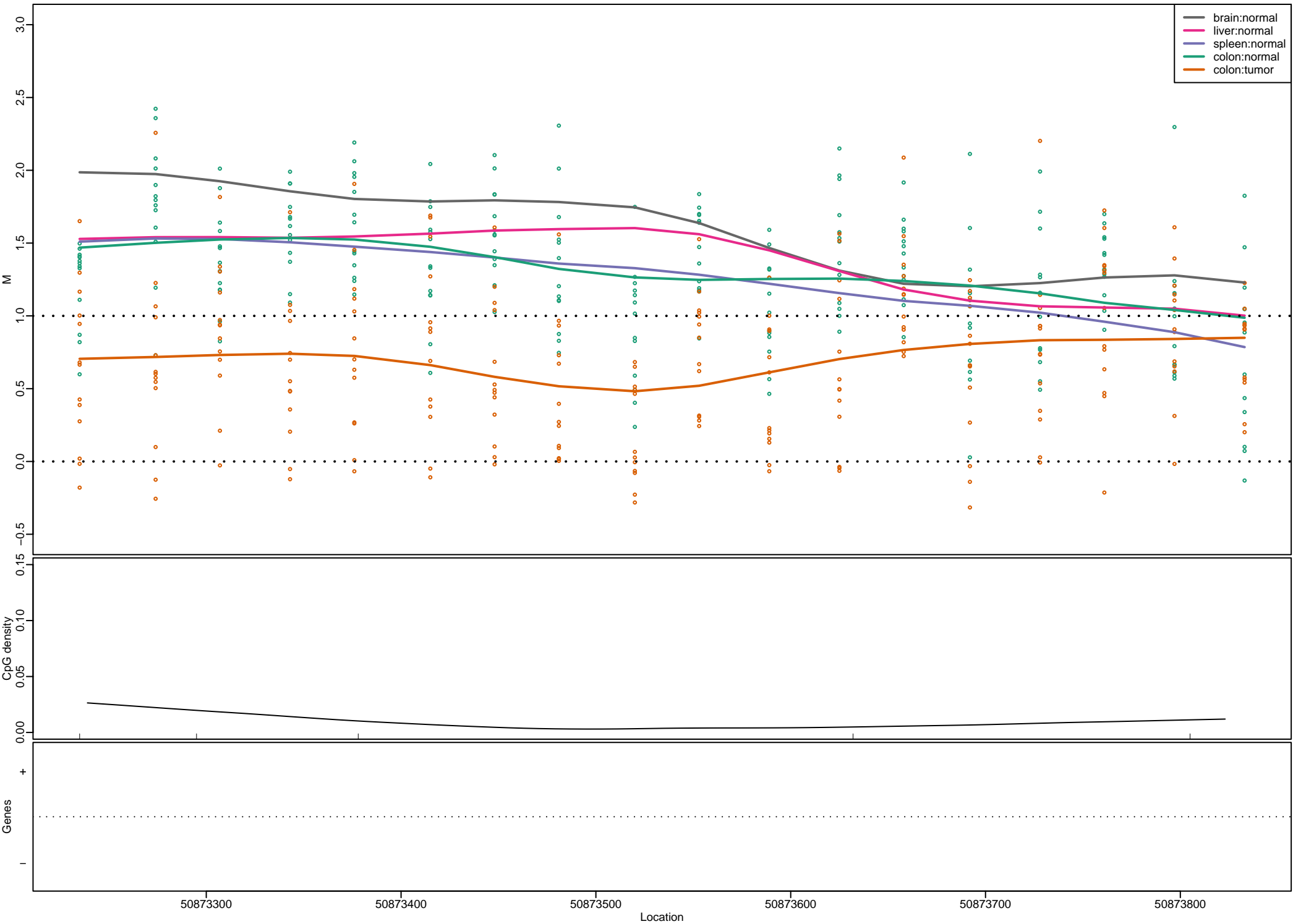
ID:42--chr1:14091367-14093934



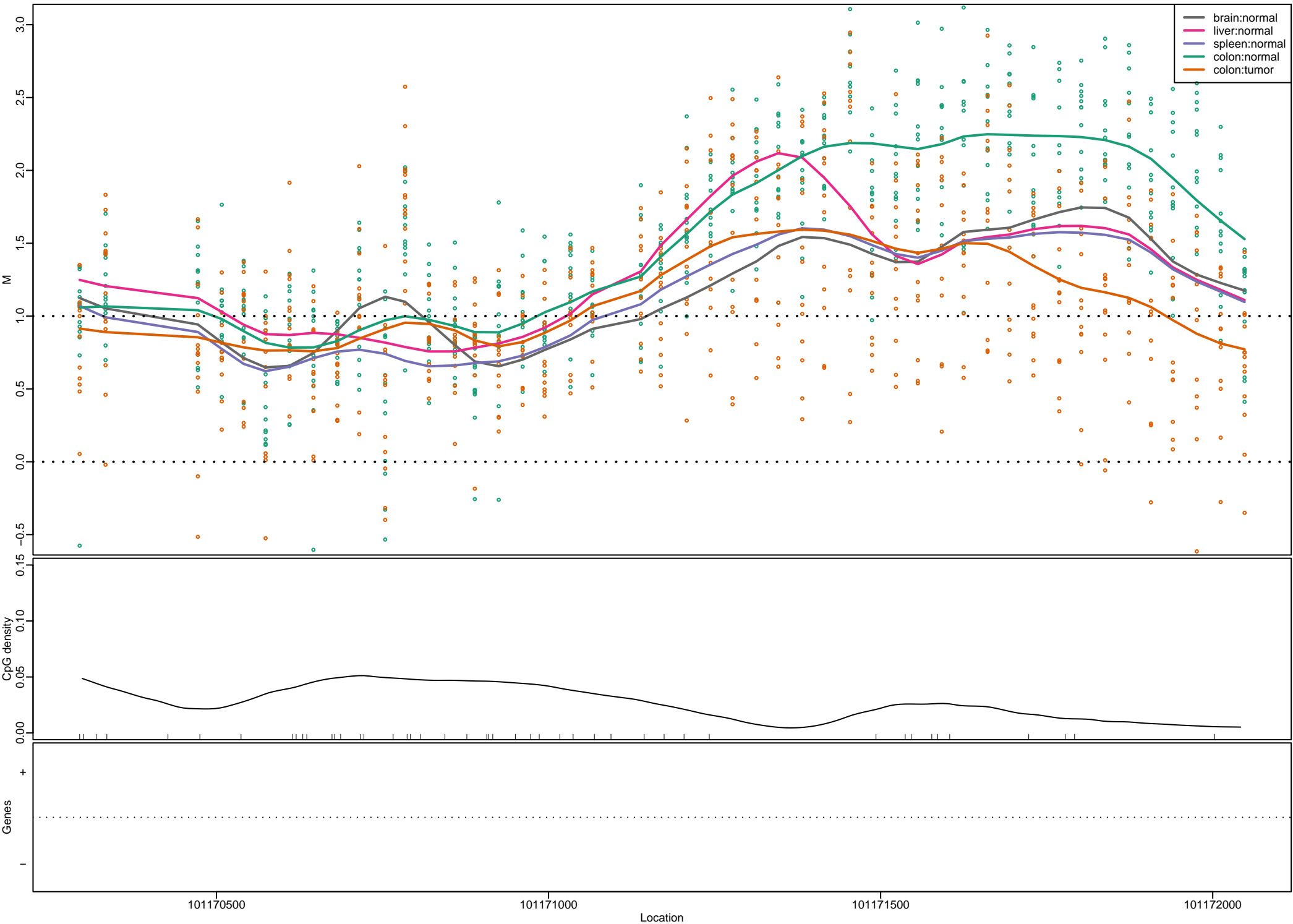
ID:43--chr20:56857832-56862832



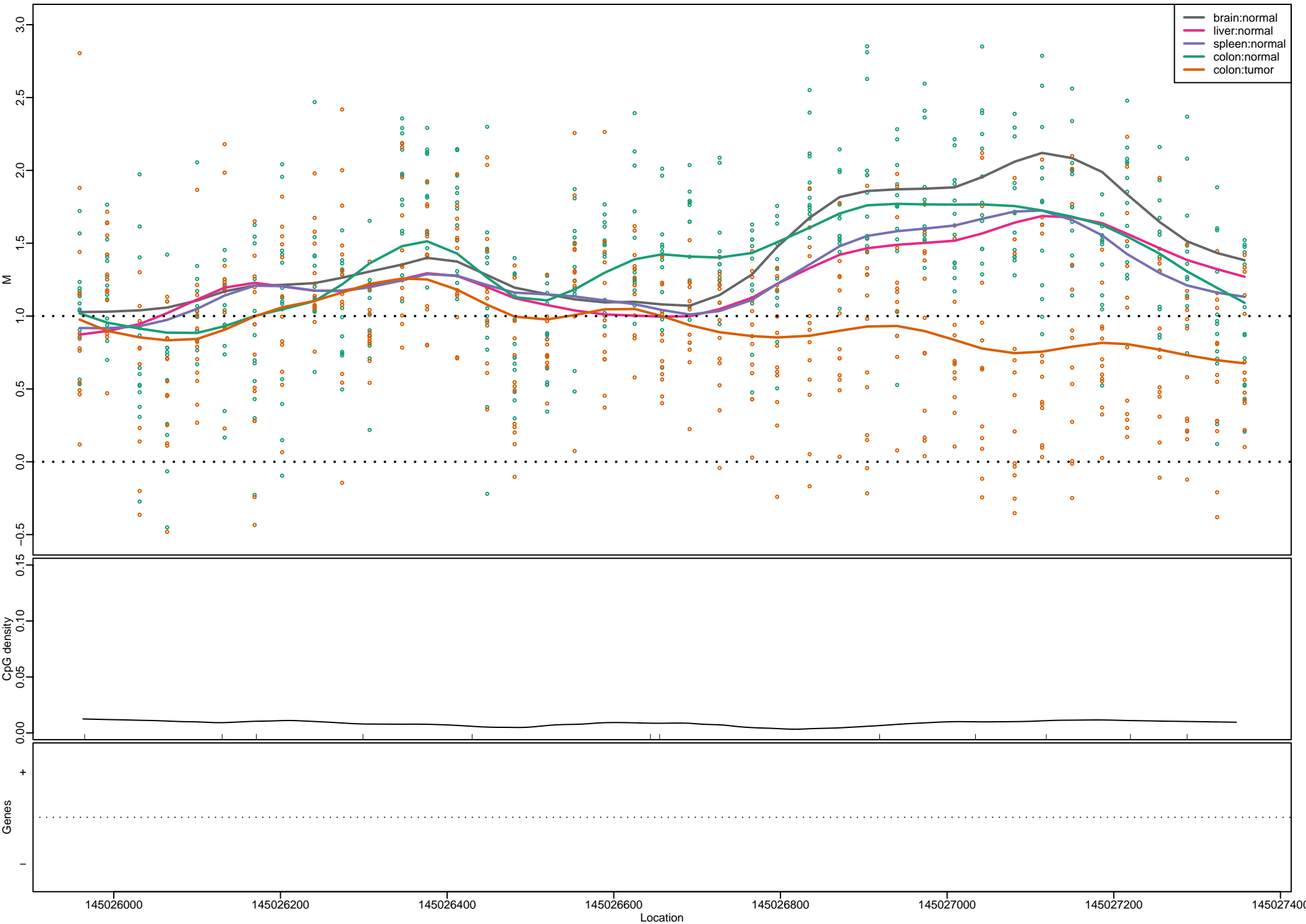
ID:44--chr6:50873235-50873833



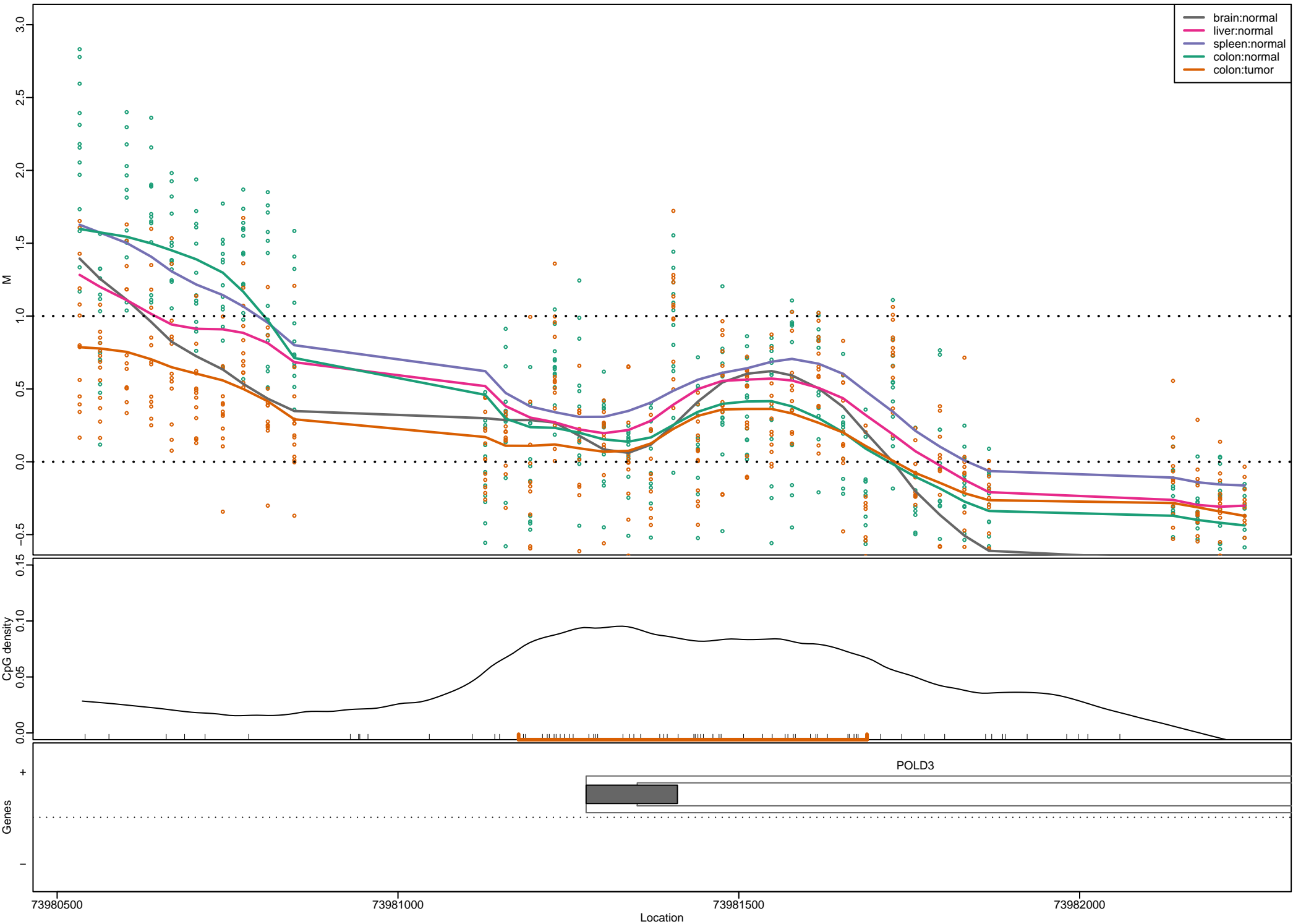
ID:45--chr9:101170294-101172048



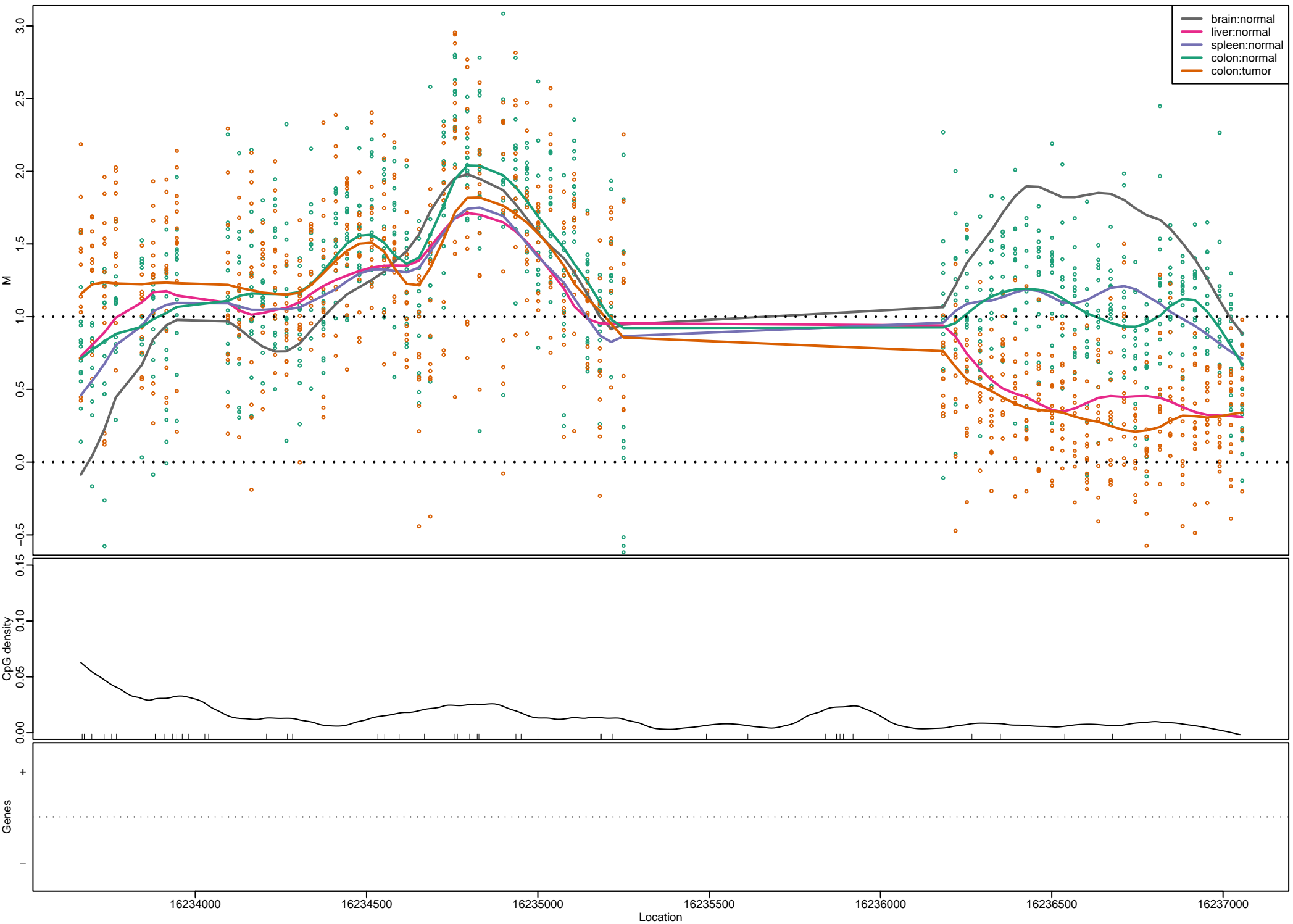
ID:46--chr7:145025959-145027357



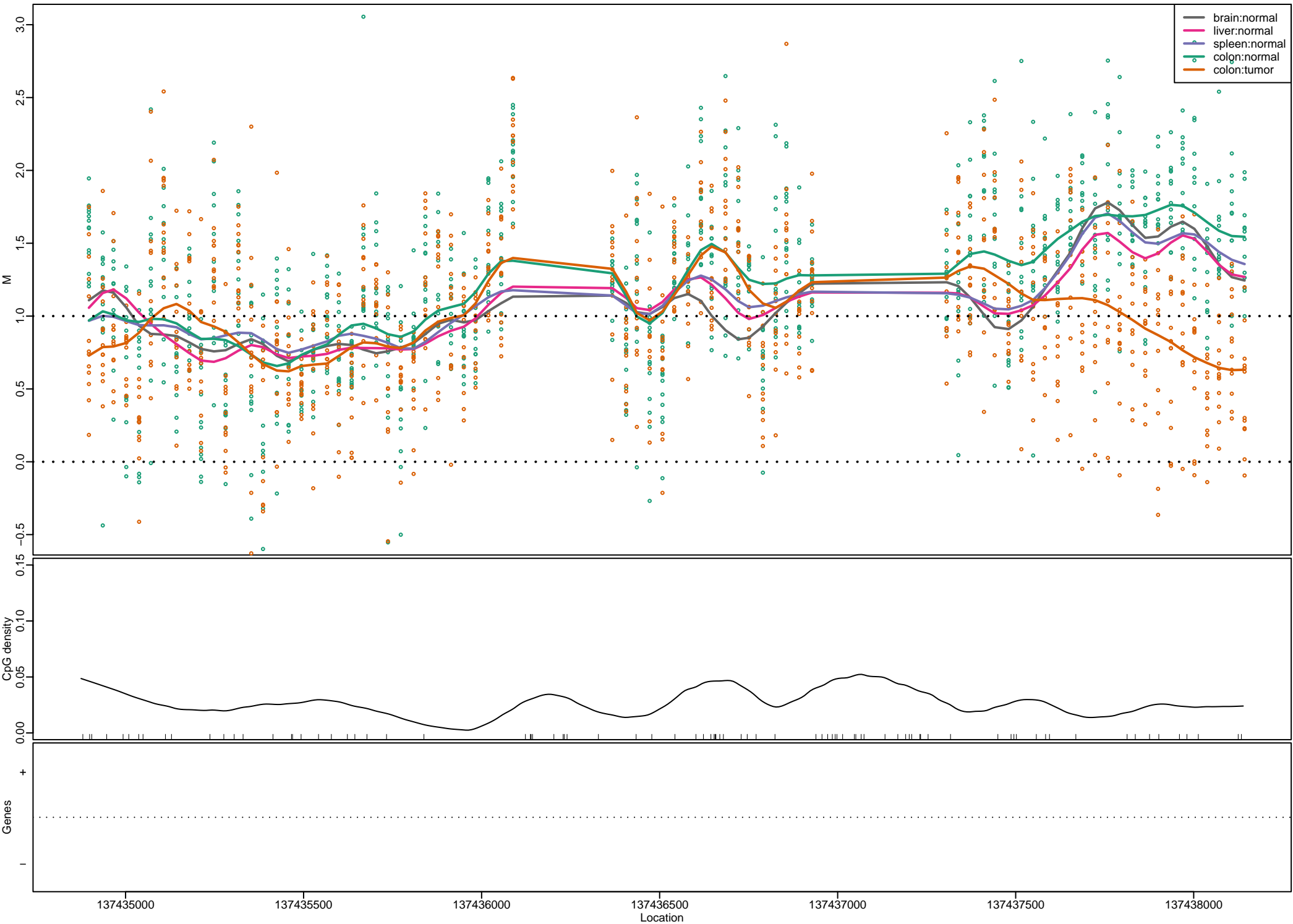
ID:47--chr11:73980533-73982242



ID:48--chr5:16233662-16237056



ID:49--chr9:137434871-137438143



ID:50--chr8:17058919-17062867

