



**Figure S3** Effect of omitting one transcript from the chromosome 1 *trans*-eQTL hotspot on the analysis results. **A:** Signed LOD scores, with transcripts having  $\text{LOD} \geq 10$  highlighted. The transcript to be omitted is indicated with an X. **B:** Scatterplot of dominance versus additive effects, with transcripts having  $\text{LOD} \geq 10$  highlighted. The transcript to be omitted is again indicated with an X. **C-E:** LDA and likelihood results, as in Figures 3 and 5. **F-H:** LDA and likelihood results with one transcript omitted.