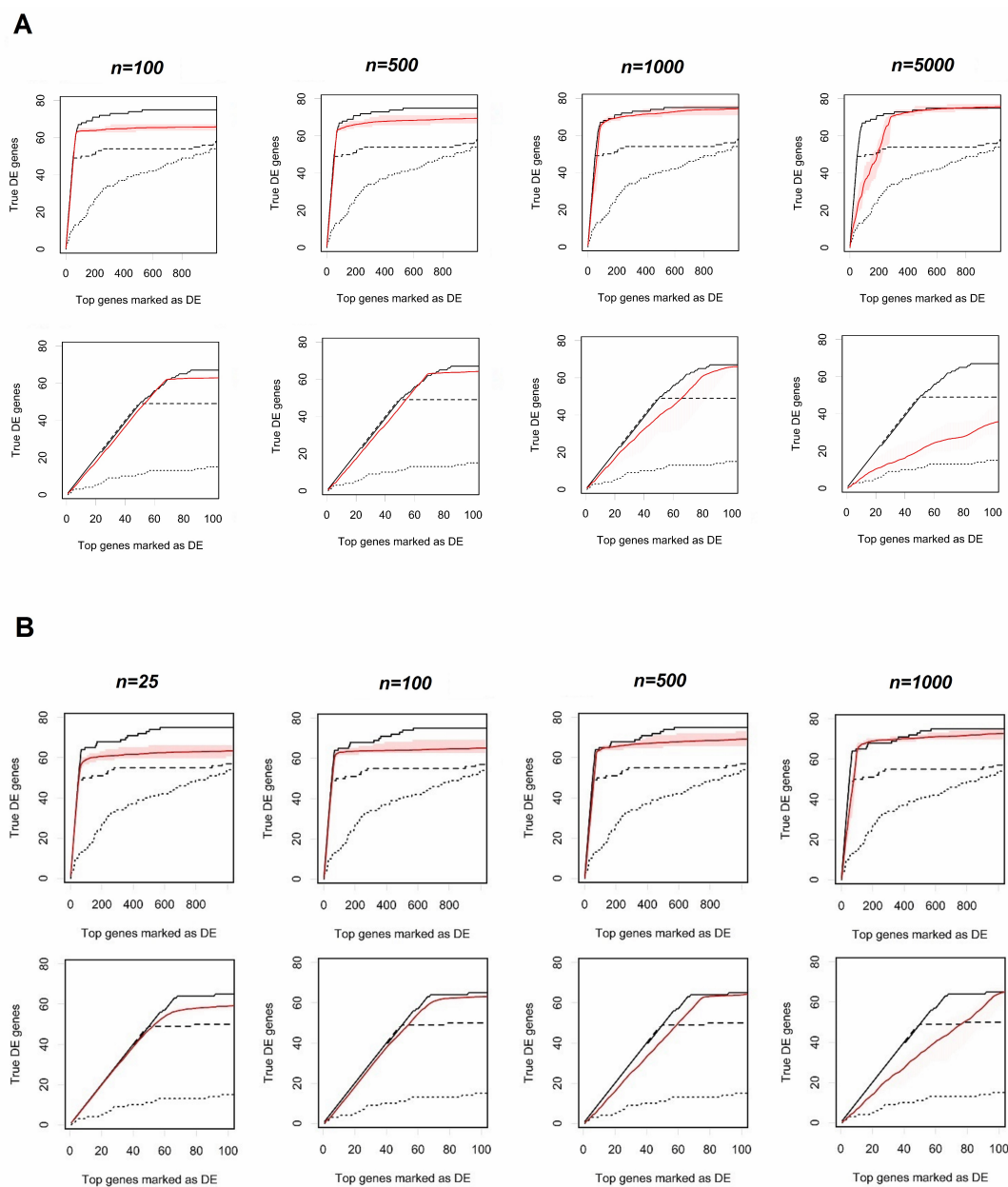


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Appendix

**Figure S1.** Performance of R-EBSeq Against Other Methods as a Function of the Number of Replicates. In all panels, the thick black line is Cuffdiff, the solid red is R-EBSeq, the large dashed black line is DESeq and the small dashed black line is Bayseq. The number of replicates for each plot is indicated by the value for  $n$  above the graph. In each panel, the bottom row (top 100) is zoomed-in version of the top row (top 1,000). (A) Performance in the case of noise-free data; (B) Performance in the case of overdispersed, noise augmented data.



For the description of the EBarrays LNNMV code, see *nolog.R* file.

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