

Supplementary Figures

Table of Contents

Figure S1 – Simulation Benchmarks	2
Figure S2 – Brain vs Testis analysis	3
Figure S3 – Top 10 results for QAPA	4
Figure S4 – Top 10 results for LABRAT	5
Figure S5 – Top 10 results for REPAC	6

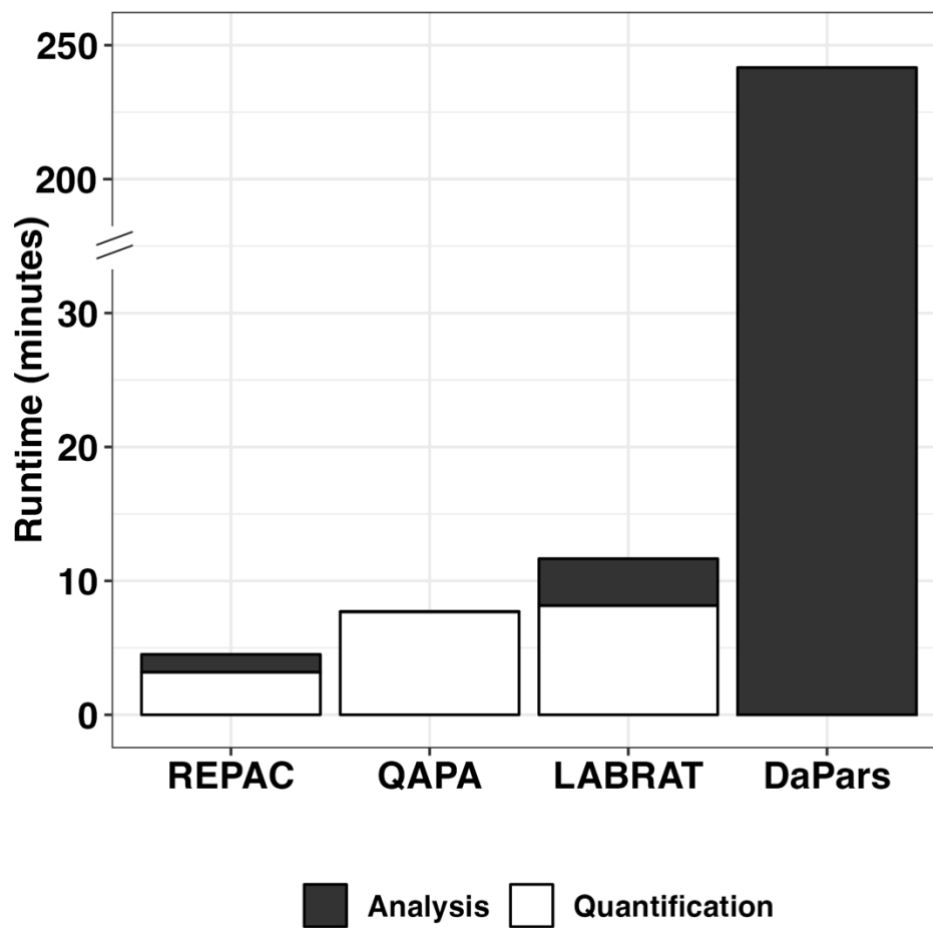


Figure S1 - Simulation runtime between each method benchmarked.

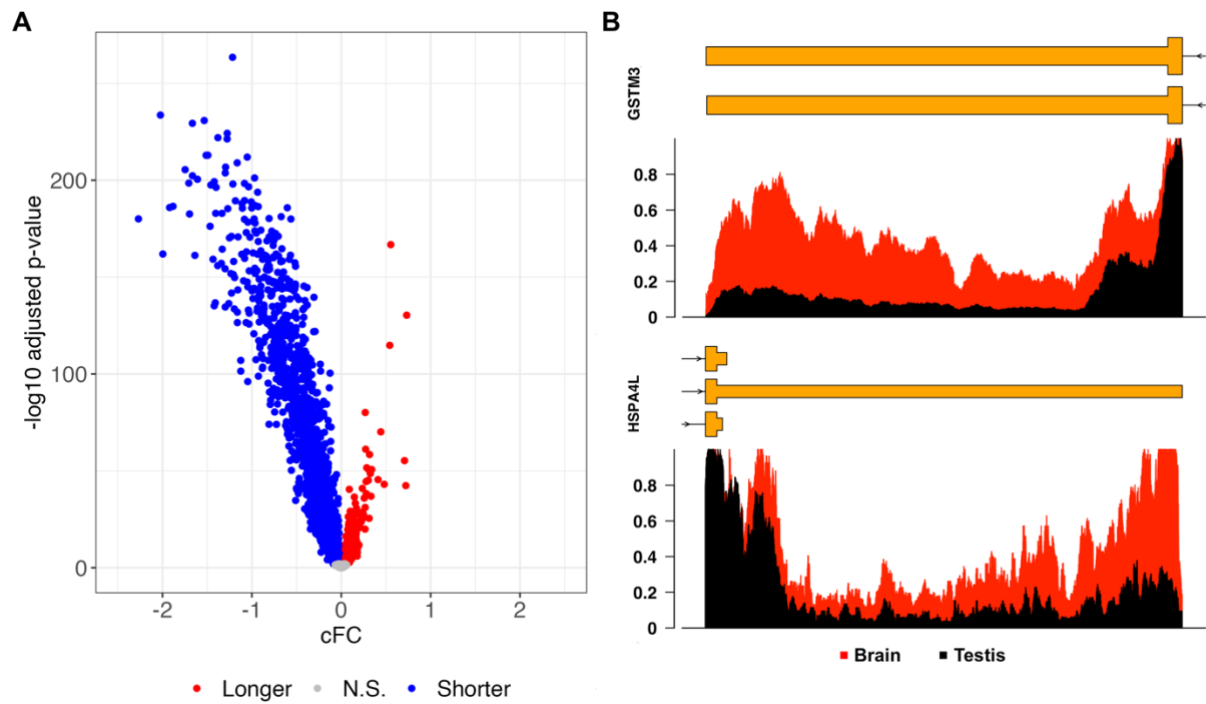


Figure S2 - GTEx comparison of brain vs testis tissues. A) Volcano plot from REPAC results shows that shorter 3'-UTR isoforms are used in testis compared to brain tissues. B) 3'-UTR normalized coverage of genes with alternative polyadenylation between brain and testis detect by REPAC.

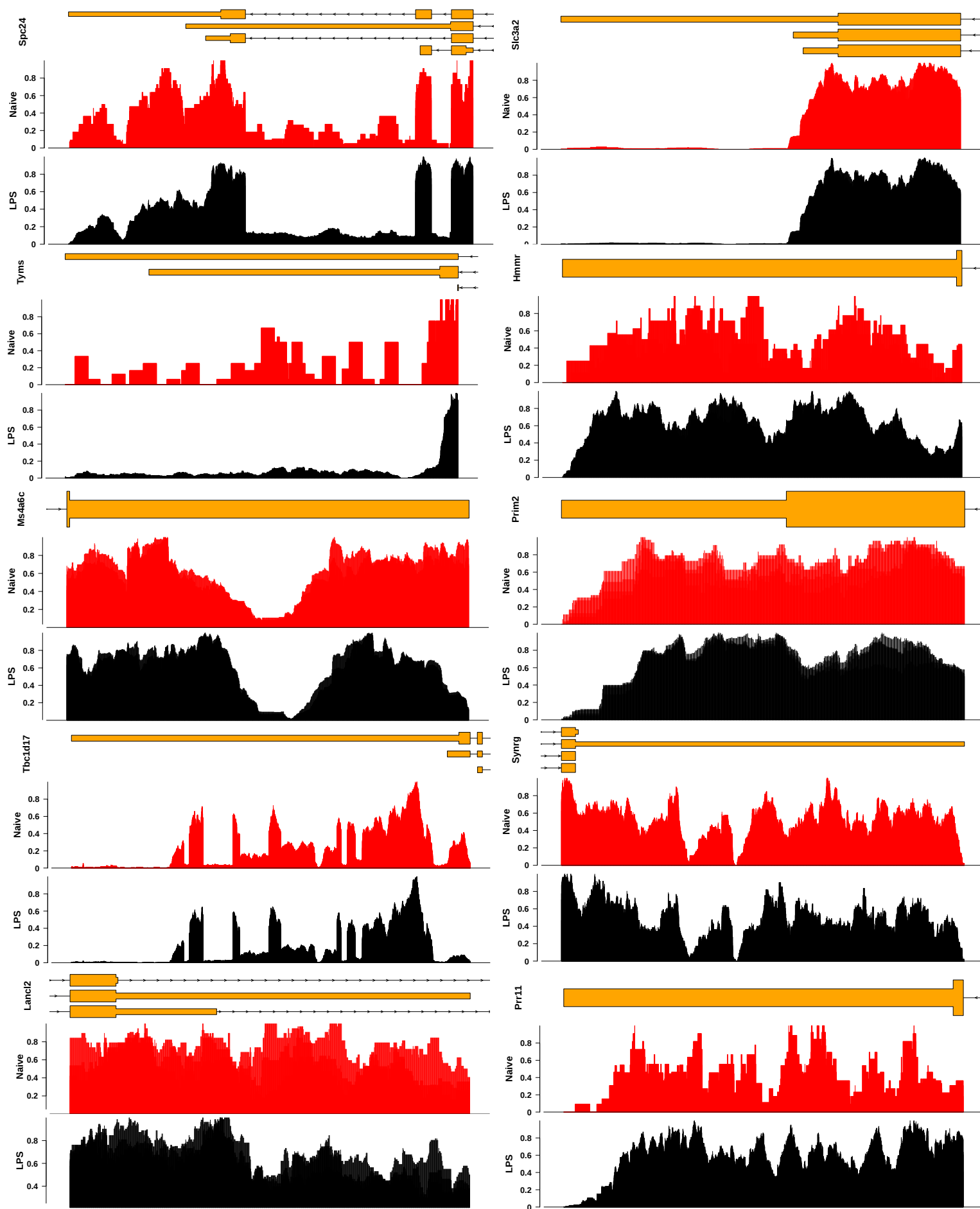


Figure S3 - 3'-UTR coverage across Naive and LPS-activated B cells for the top 10 APA events detected by QAPA. 4

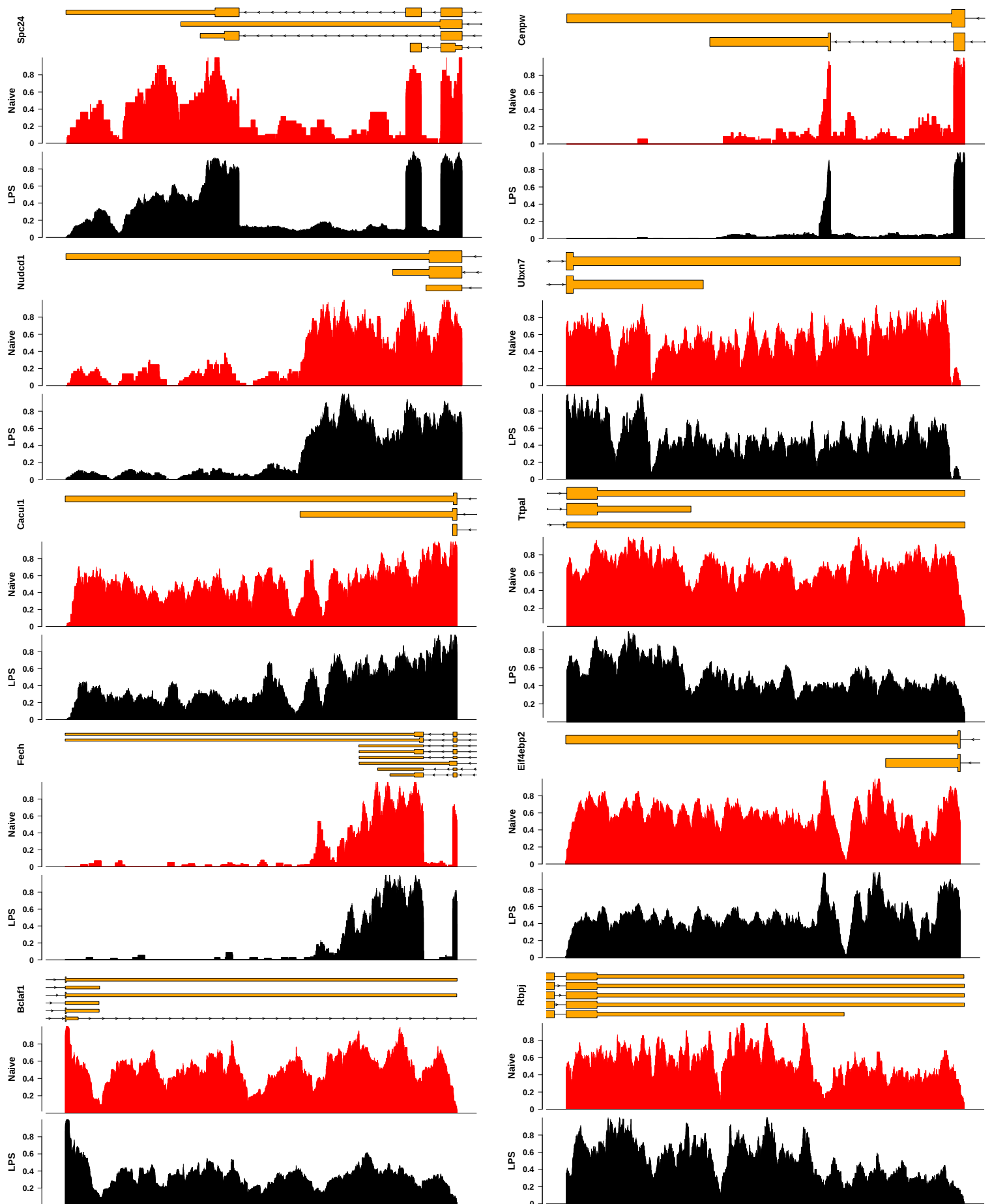


Figure S4 - 3'-UTR coverage across Naive and LPS-activated B cells for the top 10 APA events detected by LABRAT.

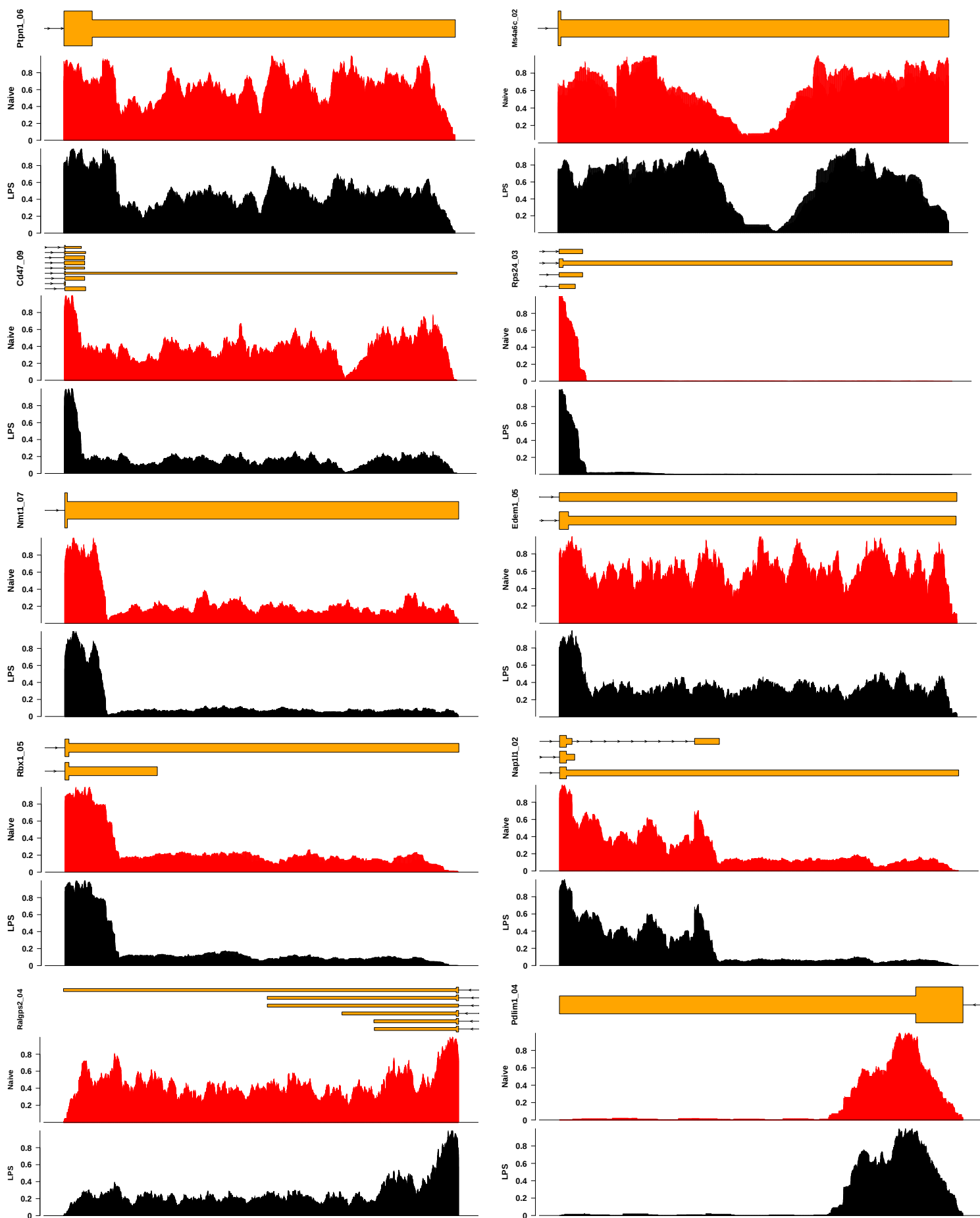


Figure S5 - 3'-UTR coverage across Naive and LPS-activated B cells for the top 10 APA events detected by REPAC.