

Understanding the Interplay between COX-2 and hTERT in Colorectal Cancer Using a Multi-Omics Analysis

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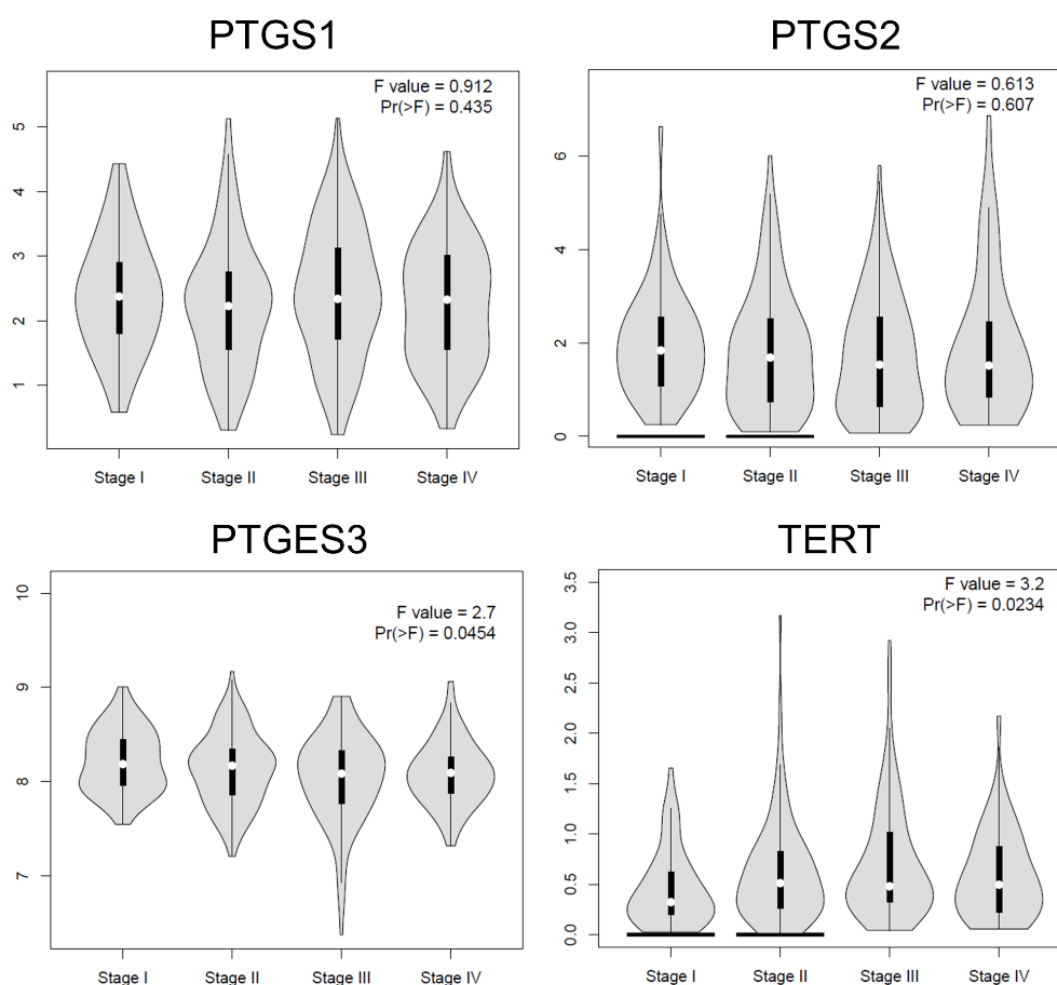


Figure S1. PTGS1 or PTGS2 expression levels did not differ with regard to tumor staging ($p > 0.05$), but PTGS3 expression was lower, and TERT expression was higher in high stage tumors (III and IV), compared to low-stage tumors (I and II).

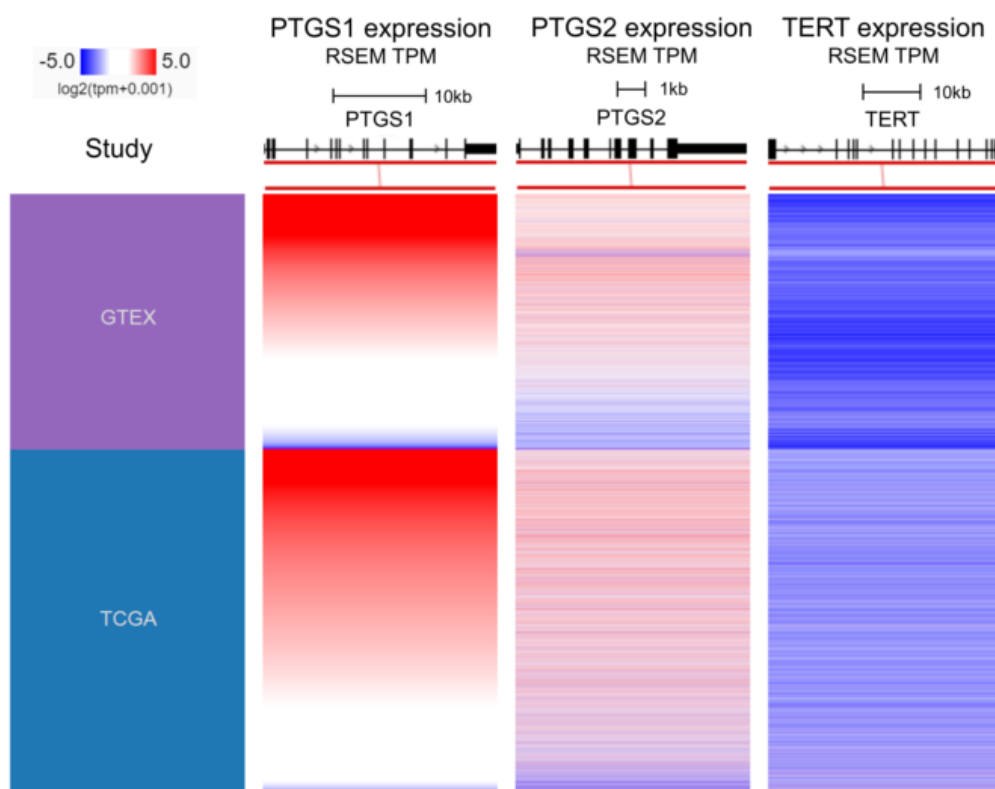


Figure S2. Heatmap depicting the PTGS1, PTGS2 and TERT expression levels (log₂(TPM + 0.001)) in the TCGA-COAD and GTEx projects.

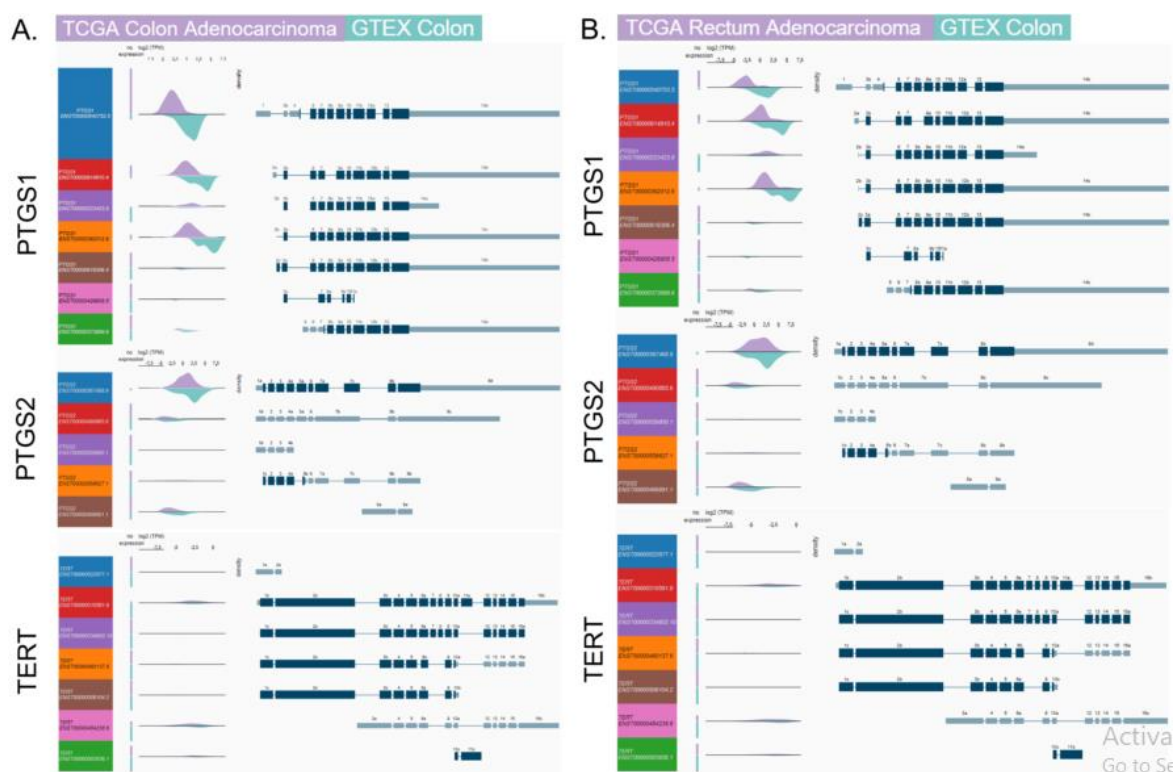


Figure S3. Transcript analysis of PTGS1, PTGS2 and TERT in colorectal cancer (TCGA-Colon/Rectum Adenocarcinoma) vs. the normal colon (GTEx Colon). Expression values of each gene's transcript appear in log₂TPM values.