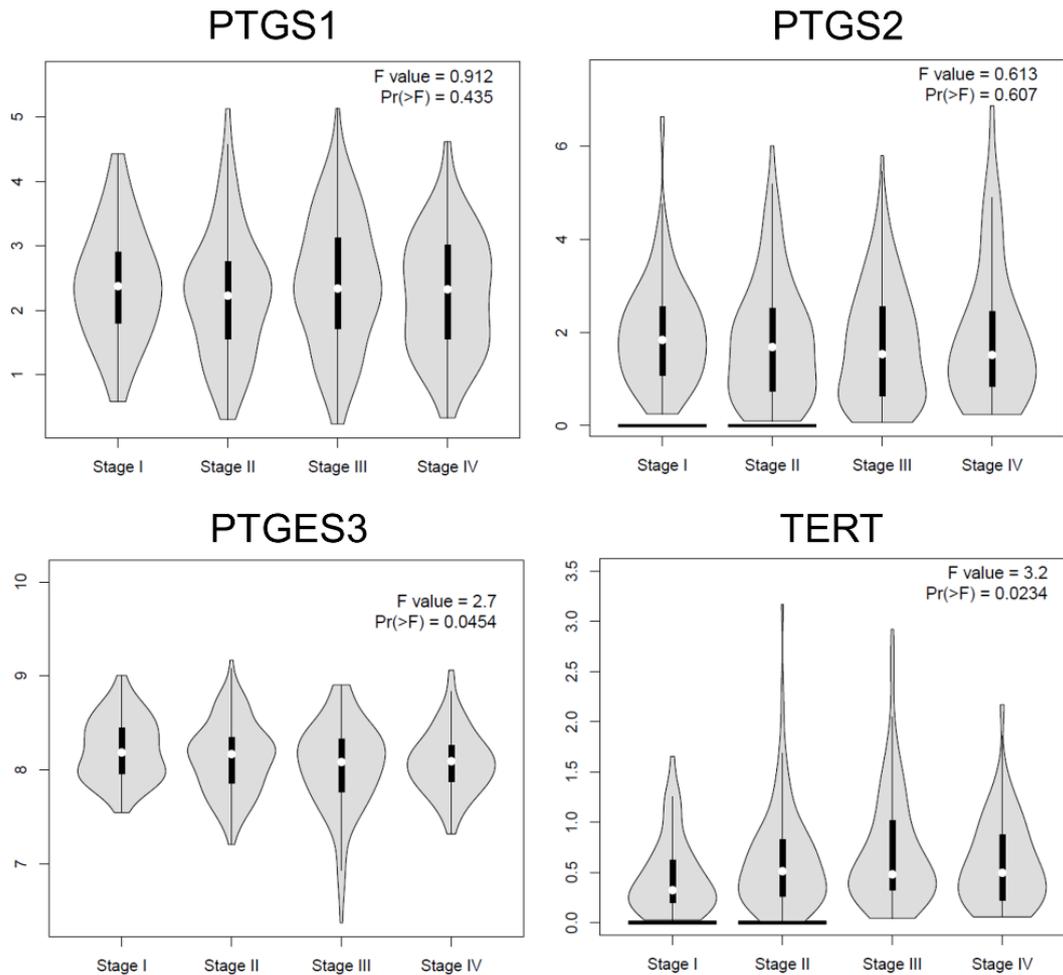
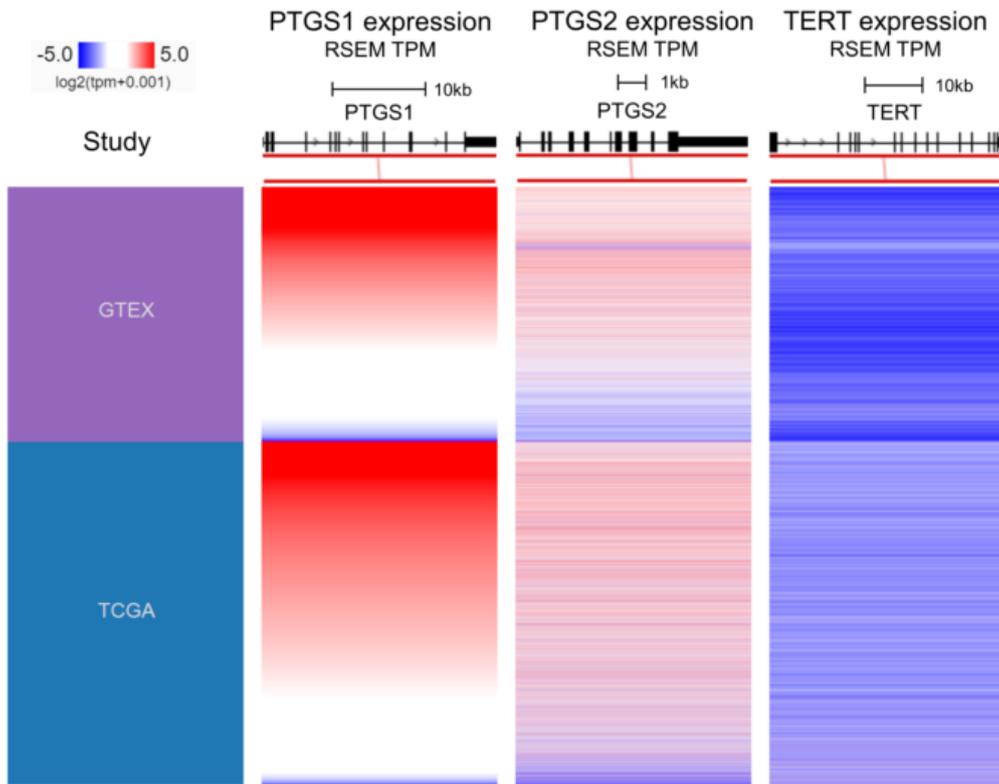


# Understanding the Interplay between COX-2 and hTERT in Colorectal Cancer Using a Multi-Omics Analysis

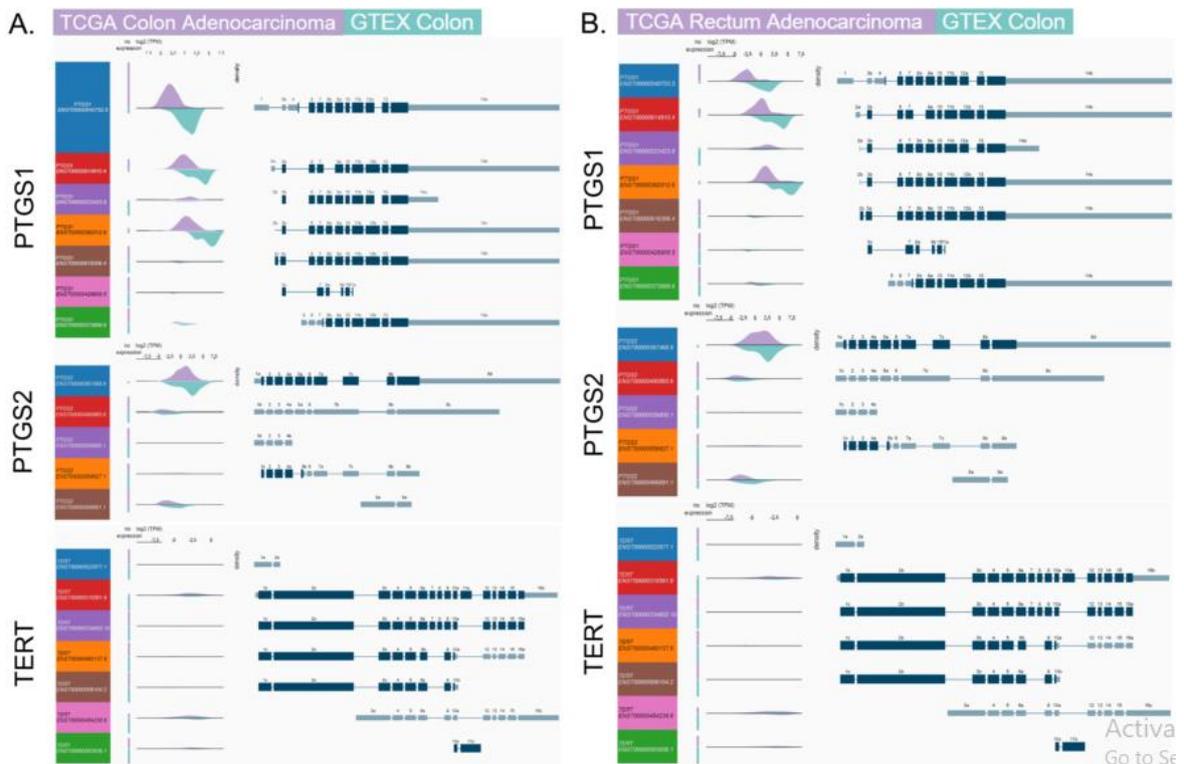
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**Figure S1.** PTGS1 or PTGS2 expression levels did not differ with regard to tumor staging ( $p > 0.05$ ), but PTGES3 expression was lower, and TERT expression was higher in high stage tumors (III and IV), compared to low-stage tumors (I and II).



**Figure S2.** Heatmap depicting the PTGS1, PTGS2 and TERT expression levels ( $\log_2(\text{TPM} + 0.001)$ ) 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  $\log_2\text{TPM}$  values.