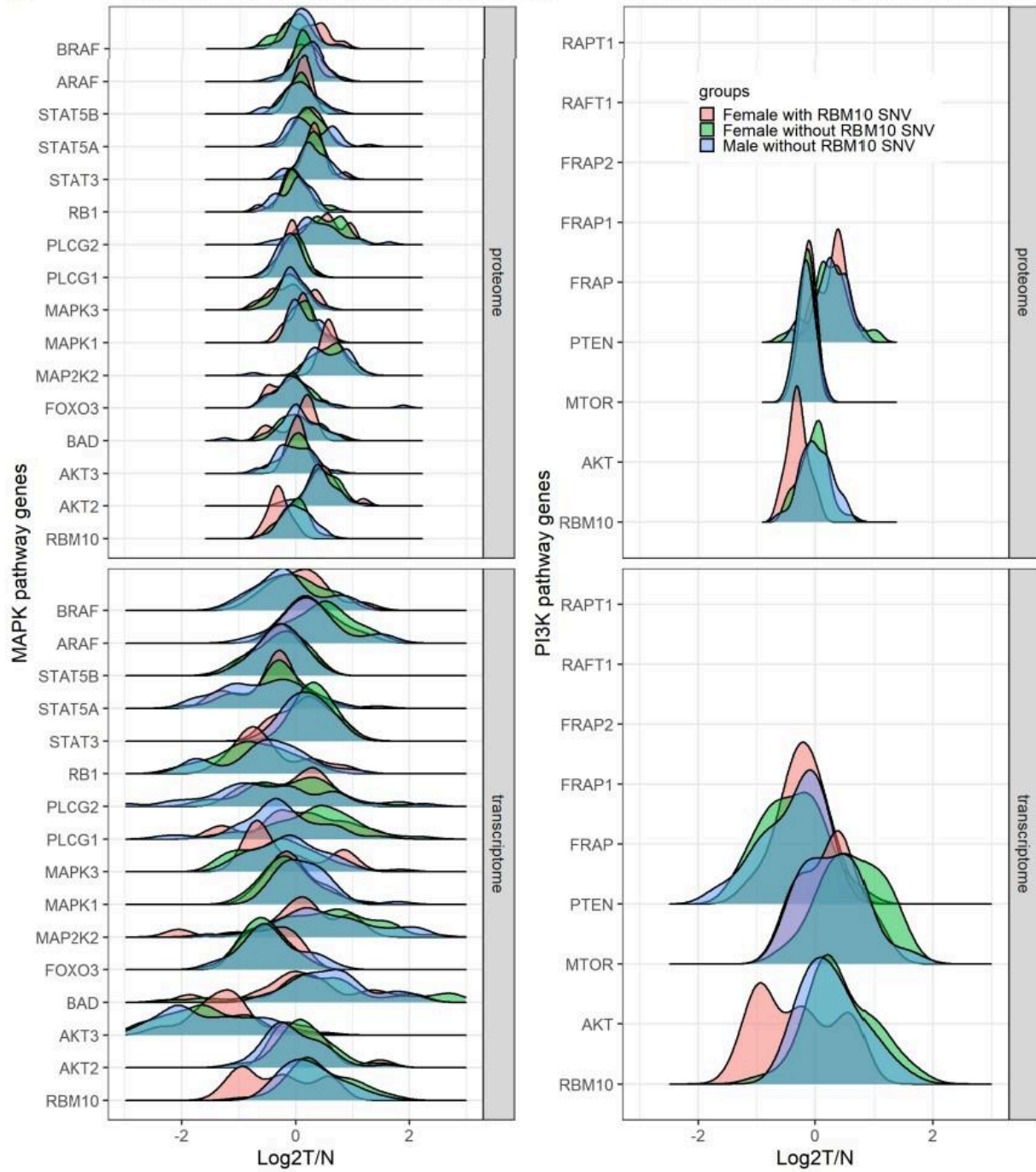


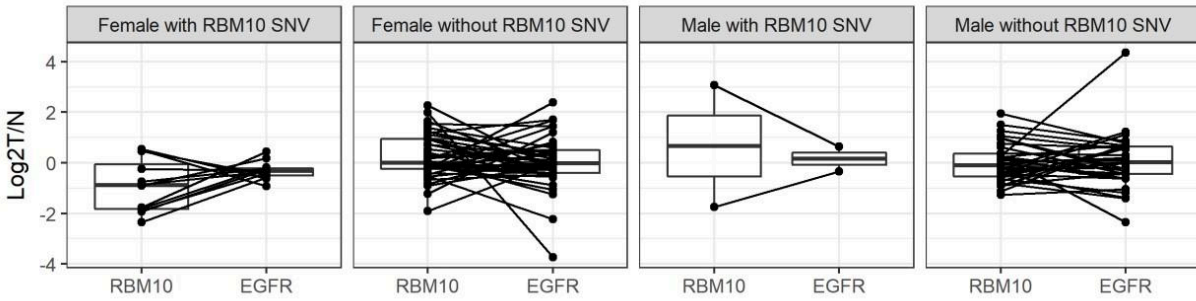
# RBM10 and its Expression in Potential Cancer Development Pathways

RBM10 is an RNA-binding protein that plays a role in regulating gene expression. It has been found to be abnormally expressed in various types of cancer, including lung, breast, and colorectal cancer. While it was initially thought to be a tumor suppressor gene, recent research suggests that it may also play a role in promoting cancer growth

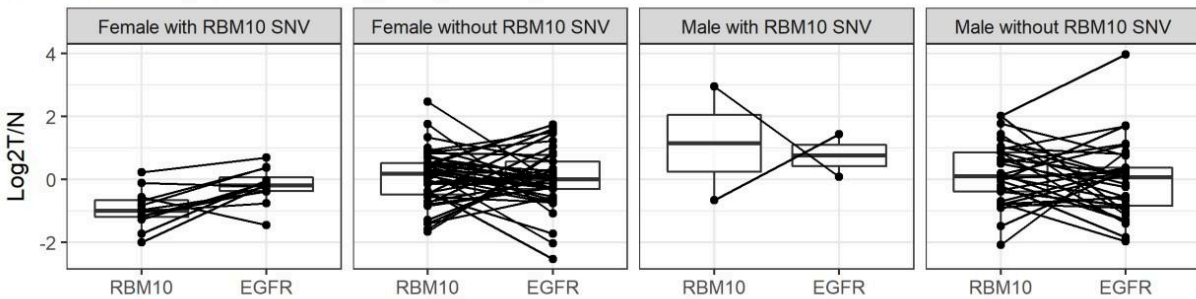
**A** RBM10 and MAPK Pathway Gene Expression **B** RBM10 and PI3K Pathway Gene Expression



### C RBM10 and EGFR RNA Expression



### D RBM10 and EGFR Protein Expression



The exact mechanisms by which RBM10 influences cancer development are still being investigated. However, it is known to interact with several key signaling pathways involved in cell growth, proliferation, and apoptosis. These pathways include the p53 pathway, the Notch signaling pathway, and the Akt signaling pathway.

Further research is needed to fully understand the role of RBM10 in cancer and to explore its potential as a therapeutic target.