Author's response to reviews

Title: Pan-Cancer Analysis of TCGA Data Reveals Highly Significant Signaling Pathways

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BMC Cancer

Dear Editors:

This paper, titled *Pan-Cancer Analysis of TCGA Data Reveals Highly Significant Signaling Pathway*, concerns the results of a study that analyzes all 157 signaling pathways in the KEGG PATHWAY database using TCGA gene expression datasets concerning ten types of cancer. We perform a pan-cancer analysis and analyze each dataset separately. There were 37 highly significant findings concerning 18 pathways. Research has already established a connection between many of these pathways and the corresponding cancer type. However, some of them appear to be new discoveries. Furthermore, we identified regions on pathways where the aberrant activity might be occurring. So, our results not only substantiate previous knowledge, but also provide many opportunities for laboratory and clinical follow-up studies. We conclude that the paper is most appropriate for publication in *BMC Cancer*.

Sincerely,

Richard E. Neapolitan