Dear, Editor-in-Chief

We are submitting a research article of "Prediction of *PIK3CA* mutations from cancer gene expression data” written by Jun Kang. The article is submitted to be considered for publication as an original article in the PLOS ONE.

In this manuscript, we tried to build a *PIK3CA* mutations prediction model from gene expression data. We adopt a machine learning approach that had been developed by The Cancer Genome Atlas Research Network. Our model shows good prediction performance with 0.84 test set AUROC. We believe our findings are meaningful in terms of building baseline research data for the next relevant study. Also, this study is one of novel investigations to show the usefulness of radiomics in the tumor microenvironment domain especially for NSCLCs.

The manuscript has been written according to the guidelines provided by the PLOS ONE. This or similar material has not been previously published and will not be submitted by me or my colleagues to any other publication prior to its appearance in the PLOS ONE.

Thank you.

With regards,

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