Author's response to reviews

Title: The Nrf2-mediated oxidative stress response pathway is associated with tumor cell resistance to arsenic trioxide across the NCI60 panel

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Author's response to reviews: see over
Dear Editors of BMC Medical Genomics,

Thank you for your message that peer review of our manuscript is now complete and that the manuscript is agreed to be accepted for publication in BMC Medical Genomics.

The Associate Editor had requested that we identify the cell line in the figure 5 legend and we have edited the manuscript to show this change. Specifically, the follow up experiments were carried out in the A549 lung carcinoma cell line. This change is highlighted in red text in the revised manuscript.

We are excited by the opportunity to publish this work which will be the first to integrate baseline gene expression of the NCI-60 panel with arsenic trioxide-induced cytotoxicity to identify gene biomarkers of tumor cell response. We believe that it will be of interest to a broad audience including toxicologists, biologists, systems biologists, cancer biologists and environmental scientists.

Thank you for your consideration of the revised manuscript for publication.

Sincerely,

Rebecca C. Fry, Ph.D.