Author's response to reviews

Title: Novel Variants in the PRDX6 Gene and the Risk of Acute Lung Injury Following Major Trauma

Authors:

Melanie Rushefski (meldoran@mail.med.upenn.edu)
Richard Aplenc (raplenc@mail.med.upenn.edu)
Nuala Meyer (Nuala.Meyer@uphs.upenn.edu)
Mingyao Li (mingyao@mail.med.upenn.edu)
Rui Feng (ruifeng@mail.med.upenn.edu)
Paul N. Lanken (Paul.Lanken@uphs.upenn.edu)
Robert Gallop (rgallo@wcupa.edu)
Scarlett Bellamy (bellamys@mail.med.upenn.edu)
A. Russell Localio (rlocalio@mail.med.upenn.edu)
Sheldon I. Feinstein (sif@mail.med.upenn.edu)
Aron B. Fisher (abf@exchange.upenn.edu)
Steven M. Albelda (albelda@mail.med.upenn.edu)
Jason D. Christie (jchristi@mail.med.upenn.edu)

Version: 3 Date: 1 April 2011

Author's response to reviews: see over
Author Response:

We thank the editors and reviewers for their careful reviews of this manuscript. We have responded to all reviewer comments and changed the manuscript accordingly. A point by point response to the reviewers’ concerns is included below.

Reviewer 1:

Thank you for your thorough review of our manuscript. We are pleased that you feel there are no further revisions to be made.

Reviewer 2:

1) Supplementary File 4. The authors may wish to add captions to these tables. It is not clear what each sheet and column mean.

   R2.1) We agree that a caption should be included in supplement 4. We now include a caption describing the confidence scores as well as which scores indicate a questionable genotype.

2) Page 8, In Silico... Transcription factor binding data in ENCODE is cell type specific. The authors may wish to include which cell types they are considering in the ENCODE data and whether they are potentially the cell types to be considered in ALI.

   R2.2) We agree that this should have been clearly stated. We now specify the cell type considered in the results.

Reviewer 3:

Thank you for your thorough review of our manuscript. Your previous comments have added necessary detail to our results. We are pleased that you feel there are no further revisions to be made.