Reviewer's report

Title: SNP-Set Analysis Replicates Acute Lung Injury Genetic Risk Factors

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Reviewer: Deepa Selvi Rani

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In this manuscript the authors have genotyped 474 ALI patients for 25 candidate genes using IBC chip, a multiplex SNP array, and have grouped SNPs according to haplotype blocks and tested the joint effect of all SNPs on susceptibility to ALI using the SNP-set kernel association test, however their results were not clear?. The question posed by the author was not defined well. The aim of the study, is it to find out the risk factors for ALI or their ancestry?. What are the novel findings in their study? Need to be addressed clearly. The writing needs some language corrections. The authors need to take care of the terminology, for example, in the method section of the abstract, it is blood DNA samples instead of blood. At least the abstract and the discussion part of the manuscript need to be rewritten to clearly indicating their aim of the study and its importance.