|  |  |
| --- | --- |
| I. Project Title and pCode | |
| Incorporating multiple GWAS and annotations in secondary analysis of lung cancer GWAS to look for shared and causal genetic factors (201606091341) | **Date:** |
| **II. Project Leaders (List Names and Institutes)** | **Primary Contact**  **Information** |
| Hongyu Zhao, Yale University  Christopher Amos, Baylor College | **Name:**  **Hongyu Zhao**  **Email:**  **Hongyu.zhao@yale.edu**  **Tel:**  **203-785-3613** |
| III. Progress to date. *What has been done so far to move the project forward (data pooling, grant submission, etc), and when it was done* | |
| We have not made much progress due to other projects. However, we still hope that this project will remain active and plan to analyze the data in the context of other data sets to gain some novel signals and insights. | |
| **IV. Project Status and Preliminary Results**. *S****ummarize the current status of the project. Report preliminary results if there is any*** | |
| We have not made progress. | |
| **V. Justification of Extension** | |
| With our recent work on IPF and COPD integrated analysis, e.g. <https://pubmed.ncbi.nlm.nih.gov/36216496/>, we plan to adopt the approaches in these work to the lung cancer dataset. | |
| **VI. Future Plans & Timeline** | |
| We hope to perform analysis and prepapre manuscript in the coming year. | |