| Data Sharing Statement |  |   |
|------------------------|--|---|
| Article<br>Info        | https://dx.doi.org/10.21037/jtd-22-820   |   |
| Item                   | Question   | Authors' Response (place "-" if not applicable)   |
| 1                      | Would you like to share data collected for your study to others?   | Yes   |
| 2                      | If not, would you like to share the reason for your decision?  | -   |
| 3                      | What data in particular will be shared?  | The value of clinical parameters and all the sequencing data about SNPs will be shared.   |
| 4                      | Any other documents will be share? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Statistical analysis plan will also be shared if requested.   |
| 5                      | When will data availability begin?   | From the publication date.  |
| 6                      | When will data availability end?   | Two years within the publication date, since the technique or survival data may be updated over time.                                   |
| 7                      | To whom will you share the data?   | Respiratory physicians who are interested in the genetic susceptibility of the asthma and chronic obstructive pulmonary disease (COPD). |
| 8                      | For what type of analysis or purpose?  | For analysis to explore the potential common genetic susceptibility of asthma and COPD.   |
| 9                      | How or where can the data/documents be obtained?   | Emails could be sent to the address below to obtain the shared data: cassieliu@126.com or gao.jin.ming@hotmail.com                      |
| 10                     | Any other restrictions?  | We may balance the potential benefits and risks for each request and then provide the data that could be shared.                        |