**Supplementary Table 2**. Statistical Power Simulation for the estimating the bronchial washing study size

|  |  |  |  |
| --- | --- | --- | --- |
| No of cases | Case: control ratio | FPR0 | |
| 0.05 | 0.10 |
| 50 | 0.5: 1  1:1  1:2 | 0.15  0.14  0.17 | 0.19  0.27  0.38 |
| 100 | 0.5:1  1:1  1:2 | 0.35  0.49  0.67 | 0.57  0.77  0.84 |
| 138 | 0.5:1  1:1  1:1.75  1:2 | 0.53  0.61  0.77  0.84 | 0.76  0.92  0.94  0.94 |
| 150 | 0.5:1  1:1  1:2 | 0.49  0.71  0.88 | 0.85  0.92  0.95 |
| **200** | 0.5:1  **1:1**  1:2 | 0.64  **0.84**  0.96 | 0.94  **0.98**  0.98 |