| SNP       | Function                        | HWE-P-value | Minor allele | MAF          |
|-----------|---------------------------------|-------------|--------------|--------------|
| rs1124    | Exonic splicing enhancer        | 0.381       | A            | 0.325        |
| rs4715    | Exonic splicing enhancer        | 0.214       | A            | 0.290        |
| rs8192309 | Transcription factor binding site | 0.493     | G            | 0.155        |
| rs8192313 | Transcription factor binding site | 0.536     | C            | 0.350        |
| rs13248346| Transcription factor binding site | 0.487     | A            | 0.209        |
| rs2070686 | Transcription factor binding site | 0.596     | A            | 0.262        |
| rs4995702 | Transcription factor binding site | 0.001     | A            | 0.347        |

*Predicted using SNPinfo method. †P-value of Hardy-Weinberg equilibrium tests in healthy controls. SNP, single nucleotide polymorphism; MAF, minor allele frequency; Control, the minor allele frequency in Chinese Han healthy controls in the present study; CHB, the minor allele frequency in the Chinese Han Beijing population based on the 1000 Genomes Project database.
Table SII. The genotype distributions between male and female in patients with tuberculosis.

| SNP       | Variant | Male, n (%) | Female, n (%) | P-value* |
|-----------|---------|-------------|---------------|----------|
| rs1124    | AA      | 69 (12.85)  | 48 (13.41)    | 0.609    |
|           | G>A     | 237 (44.13) | 168 (46.93)   |          |
|           | GG      | 231 (43.02) | 142 (39.66)   |          |
| rs4715    | AA      | 50 (9.28)   | 32 (8.87)     | 0.954    |
|           | G>A     | 237 (44.13) | 168 (46.93)   |          |
|           | GG      | 231 (43.02) | 142 (39.66)   |          |
| rs8192309 | AA      | 11 (2.05)   | 10 (2.77)     | 0.407    |
|           | G>A     | 129 (24.02) | 97 (26.87)    |          |
|           | GG      | 397 (73.93) | 254 (70.36)   |          |
| rs8192313 | CC      | 88 (16.39)  | 50 (13.85)    | 0.067    |
|           | A>C     | 224 (41.71) | 180 (49.86)   |          |
|           | AA      | 225 (41.90) | 131 (36.29)   |          |
| rs13248346| AA      | 32 (5.95)   | 18 (5.00)     | 0.928    |
|           | G>A     | 182 (33.83) | 124 (34.44)   |          |
|           | GG      | 324 (60.22) | 218 (60.56)   |          |
| rs2070686 | AA      | 37 (6.90)   | 17 (4.71)     | 0.200    |
|           | G>A     | 198 (36.94) | 147 (40.72)   |          |
|           | GG      | 301 (59.16) | 197 (54.57)   |          |

*P-value was calculated by χ² test. SNP, single nucleotide polymorphisms.