Supplementary Table 1. Scale for Quality Assessment

Criteria	Score
1. Representativeness of cases	
Consecutively/randomly selected from case population with clearly defined sampling frame	2
Consecutively/randomly selected from case population without clearly defined sampling frame or with extensive inclusion/exclusion criteria	1
Not described	0
2. Source of controls	
Population-based or blood donors	2
Hospital-based	1
Not described	0
3. Diagnosis of tuberculosis cases	
Clinical and radiological diagnosis with the confirmation of sputum microscopy and culture	2
Clinical and radiological diagnosis without the confirmation of sputum microscopy and culture	1
Not described	0
4. Confirmation of controls	
Controls were tested to eliminate tuberculosis	2
Controls were subjects who did not report tuberculosis; no objective testing	1
Not described	0
5. Test for Hardy-Weinberg equilibrium	
Hardy-Weinberg equilibrium in control group	2
Hardy-Weinberg disequilibrium in control group	1
Hardy-Weinberg equilibrium not checked	0
6. Ascertainment of genotyping examination	
Genotyping done under "blind" conditions	1
Not blinded or not mentioned	0
7. Association assessment	
Assess association between genotypes and tuberculosis with appropriate statistics and adjustment for confounders	2
Assess association between genotypes and tuberculosis with appropriate statistics without adjustment for confounders	1
Inappropriate statistics used	0
8. Inclusion-exclusion criteria	
Described in cases and controls	2
Only have inclusion criteria in case/control, exclusion not described	1
Not mentioned	0
9. Total sample size	
≥500	2
>200 but <500	1
≤200	0