Supplementary Table 1. The methodological quality evaluation results were included.

| Included studies                  | STREGA evaluation index | Total points |
|-----------------------------------|-------------------------|--------------|
| R. TALAR-WOJNAROWSKA2010           | 1 0 0 1 0 1 1 0 1      | 5            |
| R. TALAR-WOJNAROWSKA2009           | 1 0 0 1 0 1 1 0 1      | 6            |
| Yuan Shen                         | 1 0 0 1 0 1 1 0 1      | 6            |
| Xinyuan, Xu                       | 1 0 1 1 0 1 1 0 0      | 5            |
| Xiuchao Wang                      | 1 0 1 1 0 1 1 0 1      | 6            |
| Y. Ding                           | 1 0 1 1 0 1 1 0 1      | 6            |
| Yang Fei                          | 1 0 1 1 0 1 1 0 1      | 5            |
| Yingsong Lin                      | 1 0 1 1 0 1 1 0 1      | 6            |
| Yun Feng                          | 1 0 1 1 0 1 1 0 0      | 5            |
| Tiying He                         | 1 0 1 1 0 1 1 0 0      | 4            |
| Dongkui Xu                        | 1 0 1 1 0 1 1 0 0      | 4            |
| Dong Yan                          | 1 0 1 1 0 1 1 0 0      | 4            |
| Qiwei, Liu                        | 1 0 1 1 0 1 1 0 1      | 6            |
| Lei Zhao                          | 1 0 1 1 0 1 1 0 1      | 7            |
| Li WANG                           | 1 0 1 1 0 1 1 0 1      | 6            |
| Liu, Chengli                      | 1 0 1 1 0 1 1 0 1      | 6            |
| M.F. Ying                         | 1 0 1 1 0 1 1 0 0      | 4            |
| Makoto Nakao 2011                 | 1 0 1 1 0 1 1 0 1      | 6            |
| Makoto Nakao 2012                 | 1 0 1 1 0 1 1 0 1      | 7            |
| Moschovis, D                      | 1 0 1 1 0 1 1 0 1      | 6            |
| Ofure Obaze                       | 1 0 1 1 0 1 1 0 0      | 4            |
| Pinghai Hu                        | 1 0 1 1 0 1 1 0 1      | 7            |
| Qicai Liu                         | 1 0 1 1 0 1 1 0 1      | 6            |
| Quan Chen                         | 1 0 1 1 0 1 1 0 1      | 6            |
| R. TALAR-WOJNAROWSKA2010           | 1 0 1 1 0 1 1 0 1      | 6            |
| R. TALAR-WOJNAROWSKA2009           | 1 0 1 1 0 1 1 0 0      | 4            |
| Ruiz-Tovar, J                     | 1 0 1 1 0 1 1 0 0      | 4            |
| Siddapuram Sivaprasad             | 1 0 1 1 0 1 1 0 1      | 7            |
| Xiao-Hui Li                       | 1 0 1 1 0 1 1 0 1      | 6            |
Note: ① whether genotyping methods described, ② whether to describe population stratification method, ③ whether to describe genotype inference method, ④ control group genotype distribution is in line with the hardy-weinberg balance law, ⑤ whether the emphasis on study of repetitive, ⑥ whether to describe the object of study, exclusion criteria and matching method, ⑦ whether to show statistical methods and software versions, ⑧ relevance judgment method, ⑨ whether the data is sufficient.