**S1 Table. List of excluded articles and their reasons for exclusion**

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| --- | --- | --- | --- | --- |
| Number | First Author | Year | Country | Reasons of excluding |
| 1 | Bayram | 2015 | Turkey | not involving the polymorphisms of rs920778, rs4759314 or rs1899663 |
| 2 | Song | 2015 | China | not involving polymorphisms of *HOTAIR* |
| 3 | Tao | 2015 | China | not involving polymorphisms of *HOTAIR* |
| 4 | Chen | 2015 | China | not involving polymorphisms of *HOTAIR* |
| 5 | Zhuang | 2015 | China | not involving polymorphisms of *HOTAIR* |
| 6 | Chiyomaru | 2014 | USA | not involving polymorphisms of *HOTAIR* |