## Supplementary Information

Table S1. Association of the risk of lung adenocarcinoma with two SNPs stratified by gender, smoking status and TNM staging.

| Fitting Model | rs8042374 |  | rs938682 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Overdominant |  | Dominant |  |
|  | OR (95\% CI) ${ }^{\text {a }}$ | $p$ | OR (95\% CI) ${ }^{\text {a }}$ | p |
| Female ( $n=154$ ) | 1.79 (1.04-3.07) | 0.033 | 0.70 (0.40-1.21) | 0.200 |
| Male ( $n=147$ ) | 1.61 (0.90-2.89) | 0.110 | 0.66 (0.36-1.20) | 0.170 |
| Nonsmokers ( $n=219$ ) | 1.80 (1.18-2.75) | 0.006 | 0.73 (0.47-1.13) | 0.160 |
| Smokers ( $n=82$ ) | 1.28 (0.67-2.45) | 0.460 | 0.50 (0.26-0.97) | 0.042 |
| $\mathrm{I}+\mathrm{II}(n=183)$ | 1.81 (1.14-2.87) | 0.011 | 0.82 (0.51-1.33) | 0.420 |
| III $+\mathrm{IV}(n=118)$ | 1.58 (0.96-2.60) | 0.072 | 0.54 (0.33-0.89) | 0.016 |
| Female nonsmokers ( $n=144$ ) | 1.81 (1.05-3.12) | 0.032 | 0.77 (0.44-1.35) | 0.360 |
| Male nonsmokers ( $n=75$ ) | 1.79 (0.91-3.52) | 0.091 | 0.66 (0.33-1.30) | 0.230 |
| Female smokers ( $n=10$ ) | 0.69 (0.13-3.76) | 0.670 | 0.28 (0.07-1.12) | 0.068 |
| Male smokers ( $n=72$ ) | 1.43 (0.70-2.95) | 0.330 | 0.58 (0.27-1.26) | 0.170 |
| Female I + II ( $n=96$ ) | 1.92 (1.03-3.57) | 0.039 | 0.75 (0.40-1.40) | 0.360 |
| Male I + II ( $n=87$ ) | 1.68 (0.85-3.34) | 0.130 | 0.94 (0.45-1.97) | 0.870 |
| Female III + IV ( $n=58$ ) | 1.56 (0.78-3.12) | 0.210 | 0.72 (0.36-1.45) | 0.360 |
| Male III + IV $(n=60)$ | 1.61 (0.78-3.29) | 0.200 | 0.40 (0.20-0.82) | 0.012 |

${ }^{\text {a }}$ Adjusted by age and gender. Bold mean $p<0.05$.
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