Supplement Table 1. The distributions of GAS5 genetic polymorphism among all cancer stage subdivisions (stage I, II, III and IV) in patients with uterine cervical cancer

| GAS5 genetic polymorphisms | Stage I  | Stage II | Stage III | Stage IV | p value |
|----------------------------|---------|----------|-----------|----------|---------|
| rs145204276                 |         |          |           |          | 0.810   |
| Ins/Ins                    | 27      | 12       | 5         | 3        |         |
| Ins/Del                     | 24      | 17       | 4         | 3        |         |
| Del/Del                     | 11      | 4        | 0         | 1        |         |
| OR (95% CI) Ins/Del vs Ins/Ins | 1.00   | 0.321    | 0.885     | 0.891    |         |
| & p value                   |         | 0.321    | 0.885     | 0.891    |         |
| OR (95% CI) Del/Del vs Ins/Ins | 1.00   | 0.82     | u.a.      | 0.82     | 0.08-8.75 |
| & p value                   |         | 0.768    | u.a.      | 0.868    |         |
| rs55829688                  |         |          |           |          | 0.022   |
| TT                         | 35      | 13       | 1         | 5        |         |
| TC                         | 18      | 18       | 8         | 2        |         |
| CC                         | 4       | 1        | 0         | 0        |         |
| OR (95% CI) TT vs TT        | 1.00    | 0.033*   | 0.013*    | 0.777    |         |
| & p value                   |         | 0.033*   | 0.013*    | 0.777    |         |
| OR (95% CI) CC vs TT        | 1.00    | 0.67     | u.a.      | u.a.     |         |
| & p value                   |         | 0.734    | u.a.      | u.a.     |         |
| TT                         | 35      | 13       | 1         | 5        | 0.011   |
| TC/CC                      | 22      | 19       | 8         | 2        |         |
| OR (95% CI) TC/CC vs TT     | 1.00    | 2.33     | 12.73     | 0.64     | 0.11-3.57 |
| & p value                   |         | 0.061    | 0.020*    | 0.607    |         |
| TT/TC                      | 53      | 31       | 9         | 7        | 0.850   |
| CC                         | 4       | 1        | 0         | 0        |         |
| OR (95% CI) CC vs TT/TC     | 1.00    | 0.43     | u.a.      | u.a.     |         |
Statistical analysis Fisher’s exact test and multinomial logistic regression model

\* P<0.05

\textsuperscript{a}Used as a reference for comparison to define the odds ratios of other stages.

\textsuperscript{b}Used as a reference for comparison to define the odds ratios of other genotypes.

GAS5, growth arrest-specific transcript; OR, odds ratio; 95% CI, 95% confidence interval; u.a., unavailable