**Table S7**. The correlation between clinicopathological parameters and expression of hub lncRNAs and genes in 90 GC patients.

| Parameters | Cases | lnc-TRIM28-14 expression | | | CD93 expression | | | COL3A1 expression | | | COL4A1 expression | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Low | High | *p* value | Low | High | *p* value | Low | High | *p* value | Low | High | *p* value |
| Age (years) | | | | | | | | | | | | | |
| <60 | 39 | 22 | 17 | 0.288 | 21 | 18 | 0.523 | 19 | 20 | 0.832 | 24 | 15 | 0.056 |
| ≥60 | 51 | 23 | 28 | | 24 | 27 | | 26 | 25 | | 21 | 30 | |
| Gender | | | | | | | | | | | | | |
| Female | 25 | 10 | 15 | 0.239 | 11 | 14 | 0.480 | 12 | 13 | 0.814 | 9 | 16 | 0.099 |
| Male | 65 | 35 | 30 | | 34 | 31 | | 33 | 32 | | 36 | 29 | |
| Tumor size (cm) | | | | | | | | | | | | | |
| <5 | 35 | 20 | 15 | 0.280 | 24 | 11 | 0.005 | 21 | 14 | 0.130 | 23 | 12 | 0.017 |
| ≥5 | 55 | 25 | 30 | | 21 | 34 | | 24 | 31 | | 22 | 33 | |
| Differentiation | | | | | | | | | | | | | |
| Moderately-well | 31 | 23 | 8 | 0.001 | 20 | 11 | 0.046 | 21 | 10 | 0.015 | 19 | 12 | 0.120 |
| Poorly | 59 | 22 | 37 | | 25 | 34 | | 24 | 35 | | 26 | 33 | |
| Depth of invasion | | | | | | | | | | | | | |
| T1+T2 | 32 | 17 | 15 | 0.660 | 20 | 12 | 0.078 | 23 | 9 | 0.002 | 19 | 13 | 0.186 |
| T3+T4 | 58 | 28 | 30 | | 25 | 33 | | 22 | 36 | | 26 | 32 | |
| Lymph node invasion | | | | | | | | | | | | | |
| No | 19 | 13 | 6 | 0.071 | 9 | 10 | 0.796 | 7 | 12 | 0.197 | 8 | 11 | 0.438 |
| Yes | 71 | 32 | 39 | | 36 | 35 | | 38 | 33 | | 37 | 34 | |
| Peritoneal metastasis | | | | | | | | | | | | | |
| No | 60 | 36 | 24 | 0.007 | 37 | 23 | 0.002 | 39 | 21 | <0.001 | 35 | 25 | 0.025 |
| Yes | 30 | 9 | 21 | | 8 | 22 | | 6 | 24 | | 10 | 20 | |

| TNM stage | | | | | | | | | | | | | | |
|-----------|-----|-----|-----|-------|-----|-----|-------|-----|-----|--------|-----|-----|-------|
| I + II | 29 | 19 | 10 | 0.042 | 18 | 11 | 0.114 | 24 | 5 | <0.001 | 17 | 12 | 0.259 |
| III + IV | 61 | 26 | 35 | | 27 | 34 | | 21 | 40 | | 28 | 33 | |