Table S1 Clinicopathological features of ESCC patients with high expression of CaMKIIα.

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| --- | --- | --- | --- | --- |
| Clinicopathologic characteristics | N | Nrf2-/CaMKIIα+ | Nrf2+/CaMKIIα+ | Pvalue |
|  |
| Gender |  |  |  |  |
| Male | 17 | 10 | 7 |  |
| Female | 3 | 2 | 1 | 1.000 |
| Age (years) |  |  |  |  |
| <60 | 6 | 4 | 2 |  |
| ≥60 | 14 | 8 | 6 | 1.000 |
| KPS |  |  |  |  |
| >80% | 10 | 5 | 5 |  |
| ≤80% | 10 | 7 | 3 | 0.650 |
| Weight loss (kg) |  |  |  |  |
| <5 | 16 | 10 | 6 |  |
| ≥5 | 4 | 2 | 2 | 1.000 |
| Drinking |  |  |  |  |
| Yes | 5 | 2 | 3 |  |
| No | 15 | 10 | 5 | 0.347 |
| Smoking |  |  |  |  |
| Yes | 12 | 5 | 7 |  |
| No | 8 | 7 | 1 | 0.070 |
| Histological differentiation |  |  |  |  |
| Well and moderate | 14 | 11 | 3 |  |
| Poor | 6 | 1 | 5 | 0.018 |
| Tumor length (cm) |  |  |  |  |
| <3 | 4 | 3 | 1 |  |
| ≥3 | 16 | 9 | 7 | 0.619 |
| Infiltration depth |  |  |  |  |
| T1 and T2 | 5 | 4 | 1 |  |
| T3 and T4 | 15 | 8 | 7 | 0.603 |
| Lymph node status |  |  |  |  |
| N0 | 13 | 10 | 3 |  |
| N1 | 7 | 2 | 5 | 0.062 |
| pTNM staging |  |  |  |  |
| I and II | 13 | 10 | 3 |  |
| III | 7 | 2 | 5 | 0.062 |