**Supplementary Table 6.** The correlations between hsa-mir-499a and the clinical characteristics in low-tobacco and medium-tobacco exposed HNSCC.

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Low-tobacco exposed HNSCC | Variables | Medium-tobacco exposed HNSCC |
| Total (%) | Low/High expression level | P value | Total (%) | Low/High expression level | P value |
| Age at initial diagnosis |  | Age at initial diagnosis |  |
|  <60 | 24 | 11/13 | 0.39  |  <60 | 12 | 6/6 | 1.00  |
|  >=60 | 7 | 5/2 |  |  >=60 | 24 | 12/12 |  |
| Gender |  |  |  | Gender |  |  |  |
|  Male | 28 | 14/14 | 1.00  |  Male | 30 | 18/12 | 0.37  |
|  Female | 3 | 1/2 |  |  Female | 6 | 2/4 |  |
| Histologic grade |  |  | Histologic grade |  |  |
|  G1+G2 | 20 | 12/8 | 0.44  |  G1+G2 | 20 | 10/10 | 0.72  |
|  G3 | 10 | 4/6 |  |  G3 | 13 | 5/8 |  |
|  Gx | 1 | 0/1 |  |  Gx | 3 | 3/0 |  |
| Pathologic stage |  |  | Pathologic stage |  |  |
|  I+II+III | 7 | 5/2 | 0.66  |  I+II+III | 9 | 4/5 | 1.00  |
|  IV | 19 | 10/9 |  |  IV | 17 | 9/8 |  |
|  NA | 5 | 1/4 |  |  NA | 10 | 5/5 |  |
| T stage |  |  |  | T stage |  |  |  |
|  T1+T2 | 13 | 7/6 | 1.00  |  T1+T2 | 9 | 3/6 | 0.42  |
|  T3+T4 | 16 | 9/7 |  |  T3+T4 | 18 | 10/8 |  |
|  Tx | 1 | 0/1 |  |  Tx | 8 | 5/3 |  |
|  NA | 1 | 0/1 |  |  NA | 1 | 0/1 |  |
| N stage |  |  |  | N stage |  |  |  |
|  N0 | 8 | 7/1 | 0.09  |  N0 | 14 | 6/8 | 0.706 |
|  N1-3 | 19 | 9/10 |  |  N1-3 | 13 | 7/6 |  |
|  Nx | 2 | 0/2 |  |  Nx | 8 | 5/3 |  |
|  NA | 2 | 0/2 |  |  NA | 1 | 0/1 |  |
| M stage |  |  |  | M stage |  |  |  |
|  M0 | 18 | 11/7 | 1.00  |  M0 | 12 | 6/6 | 1.00  |
|  M1 | 0 | 0/0 |  |  M1 | 0 | 0/0 |  |
|  Mx | 6 | 4/2 |  |  Mx | 6 | 3/3 |  |
|  NA | 7 | 1/6 | 　 |  NA | 18 | 9/9 | 　 |

NA = Not Applicable.