**Table S3** Clinicopathologic features of the patients in GSE62254 dataset

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Characteristics | N=300 | LBH expression level | |  |  |
| Low[n(%)] | High[n(%)] | χ2 | *P* value |
| Gender |  |  |  | 23.163 | 0.038 |
| Male | 199 | 108(54.3) | 91(45.7) |  |  |
| Female | 101 | 42(41.6) | 59(58.4) |  |  |
| Age(year) |  |  |  | 7.412 | 0.006 |
| ≤60 | 117 | 47(40.2) | 70(59.8) |  |  |
| ＞60 | 183 | 103(56.3) | 80(43.7) |  |  |
| T stage |  |  |  | 23.163 | <0.001 |
| T1 | 0 | 0(0.0) | 0(0.0) |  |  |
| T2 | 188 | 114(60.6) | 74(39.4) |  |  |
| T3 | 91 | 28(30.8) | 63(69.2) |  |  |
| T4 | 21 | 8(38.1) | 13(61.9) |  |  |
| N stage |  |  |  | 6.088 | 0.107 |
| N0 | 38 | 24(63.2) | 14(36.8) |  |  |
| N1 | 131 | 70(53.4) | 61(46.6) |  |  |
| N2 | 80 | 35(43.8) | 45(56.3) |  |  |
| N3 | 51 | 21(41.2) | 30(58.8) |  |  |
| M stage |  |  |  | 4.925 | 0.026 |
| M0 | 273 | 142(52.0) | 131(48.0) |  |  |
| M1 | 27 | 8(29.6) | 19(70.4) |  |  |
| TNM stage |  |  |  | 19.637 | <0.001 |
| I | 30 | 21(70.0) | 9(30.0) |  |  |
| II | 97 | 61(62.9) | 36(37.1) |  |  |
| III | 96 | 40(41.7) | 56(58.3) |  |  |
| IV | 77 | 28(36.4) | 49(63.6) |  |  |