**Table S2** Clinicopathologic features of the patients in GSE15459 dataset

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Characteristics | N=192 | LBH expression level | |  |  |  |  |  |
| Low[n(%)] | High[n(%)] | χ2 | *P* value |  |  |  |
| Gender |  |  |  | 0.023 | 0.880 |  |  |  |
| Male | 125 | 62(49.6) | 63(50.4) |  |  |  |  |  |
| Female | 67 | 34(50.7) | 33(49.3) |  |  |  |  |  |
| Age(year) |  |  |  | 5.505 | 0.019 |  |  |  |
| ≤60 | 117 | 22(37.3) | 37(62.7) |  |  |  |  |  |
| ＞60 | 183 | 74(55.6) | 59(44.4) |  |  |  |  |  |
| Lauren classification |  |  |  | 7.955 | 0.019 |  |  |  |
| Diffuse | 75 | 28(37.3) | 47(62.7) |  |  |  |  |  |
| Intestinal | 99 | 58(58.6) | 41(41.4) |  |  |  |  |  |
| Mixed | 18 | 10(55.6) | 8(44.4) |  |  |  |  |  |
| Stage |  |  |  | 10.197 | 0.017 |  |  |  |
| I | 31 | 22(71.0) | 9(29.0) |  |  |  |  |  |
| II | 29 | 18(62.1) | 11(37.9) |  |  |  |  |  |
| III | 72 | 31(43.1) | 41(56.9) |  |  |  |  |  |
| IV | 60 | 25(41.7) | 35(58.3) |  |  |  |  |  |
| Subtype |  |  |  | 34.272 | <0.001 |  |  |  |
| Invasive | 51 | 9(17.6) | 42(82.4) |  |  |  |  |  |
| Metabolic | 40 | 29(72.5) | 11(27.5) |  |  |  |  |  |
| Proliferative | 70 | 44(62.9) | 26(37.2) |  |  |  |  |  |
| Unstable | 31 | 14(45.2) | 17(54.8) |  |  |  |  |  |