**Table S12. Logistic regression analysis of factors associated with vascular invasion of HCC tumors**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Independent variables | B | SE. | Wald | P-value | Exp(B) | 95% CI |
| Gender (male) | -0.926 | 0.973 | 0.905 | 0.342 | 0.396 | 0.059-2.670 |
| ZEB2 expression | 2.080 | 0.993 | 4.388 | 0.036\* | 8.002 | 1.143-56.013 |
| Tumor size (≤5cm) | -1.454 | 1.241 | 1.372 | 0.242 | 0.234 | 0.021-2.661 |
| TNM staging (stage III-IV) | 2.648 | 1.000 | 7.006 | 0.008\* | 14.119 | 1.988-100.284 |