**Supplement:**

**TAGLN2, a novel regulator involved in Hepatitis B Virus replication and transcription**

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**Table 1 The AUC and P values in HBV-HCC tissues measured by ROC curve analysis**.

|  |  |  |
| --- | --- | --- |
| Characteristics | AUC (95% CI) | P-value |
| Gender | 0.607(0.384-0.83) | 0.335 |
| Age | 0.506(0.355-0.657) | 0.939 |
| size | 0.526(0.361-0.692) | 0.748 |
| ishak score | 0.519(0.355-0.683) | 0.828 |
| grade | 0.72(0.582-0.857) | 0.005 |
| invasion | 0.507(0.349-0.664) | 0.932 |
| metastasis | 0.512(0.349-0.674) | 0.885 |
| AFP | 0.645(0.489-0.8) | 0.092 |
| DNA | 0.532(0.318-0.746) | 0.749 |
| ALT | 0.505(0.354-0.656) | 0.95 |
| AST | 0.567(0.414-0.72) | 0.384 |
| HBsAg | 0.566(0.377-0.755) | 0.46 |
| HBeAg | 0.634(0.462-0.806) | 0.155 |

**Table 2 The AUC and P values in adjacent non-tumoral tissues measured by ROC curve analysis.**

|  |  |  |
| --- | --- | --- |
| Characteristics | AUC (95% CI) | P-value |
| Gender | 0.52(0.322-0.717) | 0.101 |
| Age | 0.532(0.38-0.684) | 0.078 |
| size | 0.511(0.355-0.667) | 0.08 |
| ISHAK score | 0.705(0.568-0.841) | 0.07 |
| grade | 0.609(0.456-0.761) | 0.078 |
| invasion | 0.529(0.378-0.68) | 0.077 |
| metastasis | 0.567(0.416-0.719) | 0.077 |
| AFP | 0.502(0.34-0.663) | 0.083 |
| DNA | 0.503(0.28-0.727) | 0.114 |
| ALT | 0.594(0.447-0.741) | 0.075 |
| AST | 0.502(0.35-0.654) | 0.078 |
| HBsAg | 0.542(0.387-0.698) | 0.079 |
| HBeAg | 0.629(0.461-0.798) | 0.086 |