**Supplemental Table 2. IHC for hPXR expression status in a tissue array of 104 HBV infection-positive livers**

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| --- | --- | --- |
| **Classification of HBV-related liver diseases** | **PXR expression level (No. of spots, two spots per case)** | ***p-*value (Pearson chi-square test)** |
| **Low expression** |  | **High expression** |  |
| **0 (<5%)** | **Ⅰ (5-15%)** | **Ⅱ(15-50%)** | **Ⅲ (>50%)** |  |
| **Gender**  |   |   |  |  |  | 0.299 |
| Male  | 19 | 49 |  | 60 | 22 |  |
| Female  | 8 | 25 |  | 15 | 8 |  |
| **Age** |   |  |  |  |  | 0.042 |
| <50 years | 17 | 43 |  | 40 | 9 |  |
| ≥50 years  | 10 | 31 |  | 35 | 21 |  |
| **Pathological progression of HCC** |  |  |  |  |  | 0.0000141 |
| Normal liver | 4 | 13 |  | 12 | 1 |  |
| Hepatitis | 1 | 12 |  | 26 | 9 |  |
| Liver cirrhosis | 3 | 19 |  | 24 | 18 |  |
| HCC Edmondson Grade Ⅰ | 0 | 4 |  | 2 | 0 |  |
| HCC Edmondson Grade Ⅱ | 8 | 21 |  | 7 | 2 |  |
| HCC Edmondson Grade Ⅲ | 11 | 5 |  | 4 | 0 |  |
| **HCC clinical stage**  |  |  |  |  |  | 0.529 |
| HCC Stage Ⅰ | 0 | 3 |  | 1 | 0 |  |
| HCC Stage Ⅱ | 11 | 19 |  | 6 | 2 |  |
| HCC Stage Ⅲ | 8 | 8 |  | 6 | 0 |  |
| **TNM stage (x,y=1-3,1-3)** |  |  |  |  |  | 0.551 |
| T1NxMy  | 0 | 3 |  | 1 | 0 |  |
| T2NxMy | 11 | 20 |  | 7 | 2 |  |
| T3NxMy | 8 | 7 |  | 5 | 0 |  |