**Supplementary Table 8. Etiology of HCC patients in the TCGA/GSE/CHCC-HBV/ICGC database**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Accession** | **TCGA–HCC** | **GSE 14520** | **CHCC-HBV** | **ICGC** |
| Sample size | 374 | 247 | 159 | 212 |
| Risk factors |  |  |  |  |
|  HBV |  |  |  |  |
|  Yes | 78 (20.86%) | 218 | 159 | 53 (25.00%) |
|  N/A | 38 (10.16%) | 29 | 0 | 0 |
|  HCV |  |  |  |  |
|  Yes | 33 (8.82%) | 0 | 0 | 123 (58.02%) |
|  N/A | 38 (10.16%) | 247 | 159 | 0 |
|  Alcohol consumption | 72 (19.25%) | N/A | N/A | N/A |
|  NAFLD | 12 (3.21%) | N/A | N/A | N/A |
|  Mixed | 50 (13.37%) | N/A | N/A | 4 (1.89%) |
| Fibrosis/cirrhosis |  |  |  |  |
|  Yes | 140 (37.43%) | 223 | 0 | 194 (91.51%) |
|  No | 75 (20.05%) | 19 | 0 | 9 (4.25%) |
|  N/A | 159 (42.51%) | 5 | 159 | 0 |

HBV, hepatitis B; HCV, hepatitis C; N/A, not available; NAFLD, nonalcoholic fatty liver disease.