**Supplementary Table 8. Spearman relationship between serum HBV DNA and ALT, AST, GGT, and liver necroinflammatory grade for HBeAg-positive patients (anti-HBe negative) with different HBV DNA levels and HBeAg-negative patients (anti-HBe positive)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Spearman Rho (*P-*value) between  HBV DNA and | | HBeAg positive (anti-HBe negative) | | HBeAg negative (anti-HBe positive) |
| DNA>2×106 IU/mL subgroup | DNA≤2×106 IU/mL subgroup |
| Cohort A |  | (n=468) | (n=61) | (n=289) |
|  | ALT | -0.175(<0.001) | 0.287 (0.025) | 0.464(<0.001) |
|  | AST | -0.204(<0.001) | 0.395(0.002) | 0.468(<0.001) |
|  | GGT | -0.118(0.011) | 0.054(0.679) | 0.202(0.001) |
|  | Liver necroinflammatory grade | -0.225(<0.001) | 0.014(0.912) | 0.438(<0.001) |
| Cohort B |  | (n=147) | (n=63) | (n=123) |
|  | ALT | -0.022(0.795) | 0.418(0.001) | 0.356(<0.001) |
|  | AST | -0.161(0.051) | 0.468 (0.001) | 0.361(<0.001) |
|  | GGT | -0.322(<0.001) | 0.190(0.190) | 0.231(0.015) |
|  | Liver necroinflammatory grade | -0.305(<0.001) | -0.189(0.139) | 0.430(<0.001) |

HBeAg, hepatitis B e antigen; anti-HBe, hepatitis B e antibody; ALT, alanine aminotransferase; AST, aspartate aminotransferase; GGT, gamma-glutamyl transferase.