

**Supplementary Table 4.** Independent predictors of HCC development

Variables	Univariate		Multivariate (cirrhosis as binary variable)		Multivariate (LS as continuous variable)		Multivariate (LS as binary variable)	
	P-value	HR (95% CI)	P-value	HR (95% CI)	P-value	HR (95% CI)	P-value	HR (95% CI)
<b>Demographic data</b>								
Age (years)	<0.001	1.063 (1.017-1.111)	0.007	1.082 (1.034-1.131)	0.001	1.079 (1.031-1.128)	0.001	1.079 (1.031-1.128)
Male gender	0.181	2.314 (0.881-6.074)	0.088	2.937 (1.073-8.036)	0.036	2.484 (0.939-6.569)	0.067	2.484 (0.939-6.569)
Body mass index (kg/m <sup>2</sup> )	0.744	-	-	-	-	-	-	-
Diabetes	0.065	2.695 (0.931-9.944)	0.137	2.534 (0.745-8.613)	0.136	2.580 (0.766-8.694)	0.126	2.580 (0.766-8.694)
<b>Laboratory data</b>								
Total bilirubin (mg/dL)	0.615	-	-	-	-	-	-	-
Serum albumin (g/dL)	0.017	0.799 (0.321-1.989)	0.629	0.521 (0.187-1.452)	0.212	0.762 (0.283-2.051)	0.591	0.762 (0.283-2.051)
Alanine aminotransferase (IU/L)	0.162	1.003 (0.990-1.016)	0.629	1.001 (0.988-1.013)	0.963	1.001 (0.988-1.014)	0.885	1.001 (0.988-1.014)
Platelet count (10 <sup>9</sup> /L)	0.011	1.000 (0.993-1.008)	0.908	0.994 (0.986-1.003)	0.170	0.995 (0.987-1.004)	0.267	0.995 (0.987-1.004)
Prothrombin time (INR)	0.412	-	-	-	-	-	-	-
Total cholesterol (mg/dL)	0.011	0.991 (0.976-1.006)	0.260	0.996 (0.982-1.011)	0.620	0.996 (0.981-1.001)	0.574	0.996 (0.981-1.001)
Low-density lipoprotein (mg/dL)	0.503	-	-	-	-	-	-	-
Alpha-fetoprotein (ng/mL)	0.862	-	-	-	-	-	-	-
HBeAg positivity	0.032	0.508 (0.193-1.336)	0.170	0.495 (0.193-1.265)	0.142	0.519 (0.204-1.321)	0.169	0.519 (0.204-1.321)
HBV DNA (log IU/mL)	0.902	-	-	-	-	-	-	-
Liver cirrhosis	0.001	7.466 (1.567-35.575)	0.012	-	-	-	-	-
<b>Hepatic steatosis</b>								
S1-3 (vs. S0)	0.221	-	-	-	-	-	-	-
<b>Transient elastography</b>								
Liver stiffness (kPa)	0.165	-	-	0.981 (0.948-1.015)	0.275	-	-	-
Liver stiffness >13 kPa	0.108	-	-	-	-	1.208 (0.460-3.175)	0.702	1.208 (0.460-3.175)
CAP (dB/m)	0.380	-	-	-	-	-	-	-
<b>Complete virological response</b>								
Tenofovir (vs. entecavir)	0.427	-	-	-	-	-	-	-

HCC, hepatocellular carcinoma; LS, liver stiffness; HR, hazard ratio; CI, confidence interval; INR, international normalized ratio; HBeAg, hepatitis B e antigen; HBV, hepatitis B virus; kPa, kilopascal; CAP, controlled attenuated parameter; dB/m, decibels per meter.