

Supplementary Table 2. Multivariable Cox proportional hazards model for patients under systemic treatment with positive ctDNA with loss of 5q

Variables	Hazard ratio	95% Confidence interval	P-value
5q loss	8.92	1.79–44.38	0.007*
AFP \geq 20 ng/mL	0.98	0.17–5.70	0.989
Macrovascular invasion	0.51	0.14–1.80	0.301
Tumor size \geq 5 cm	2.52	0.55–11.40	0.229
Extrahepatic spread	0.30	0.06–1.43	0.133

*Statistical significance, $P < 0.05$.