Figure S1 Forest plot of the analysis for pre-DNA associated PFS

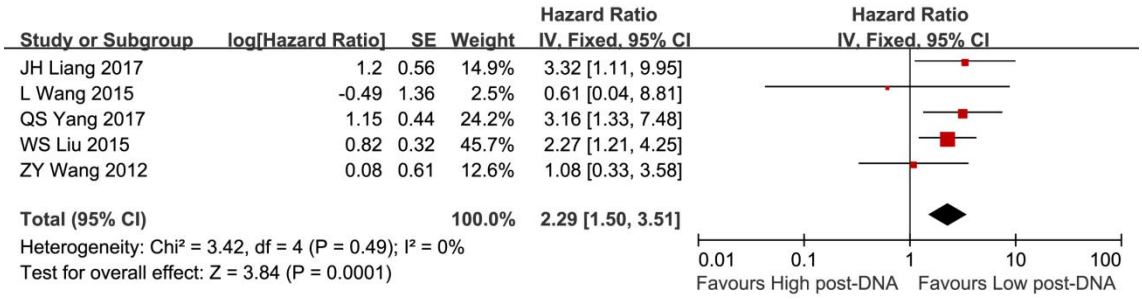


Figure S2 Forest plot of the analysis for pre-DNA associated CR

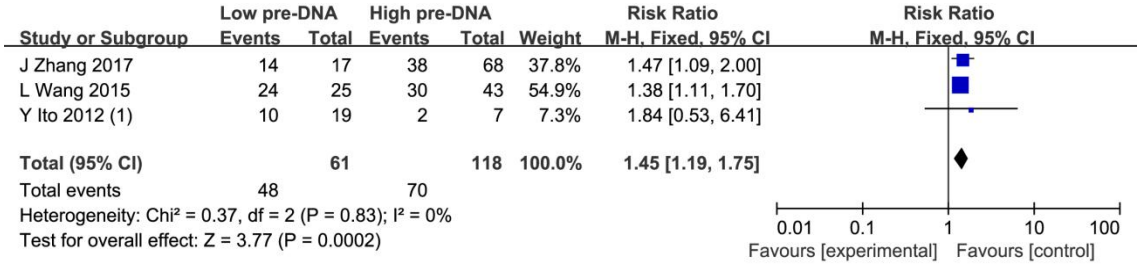


Figure S3 Forest plot of the analysis for pre-DNA associated ORR

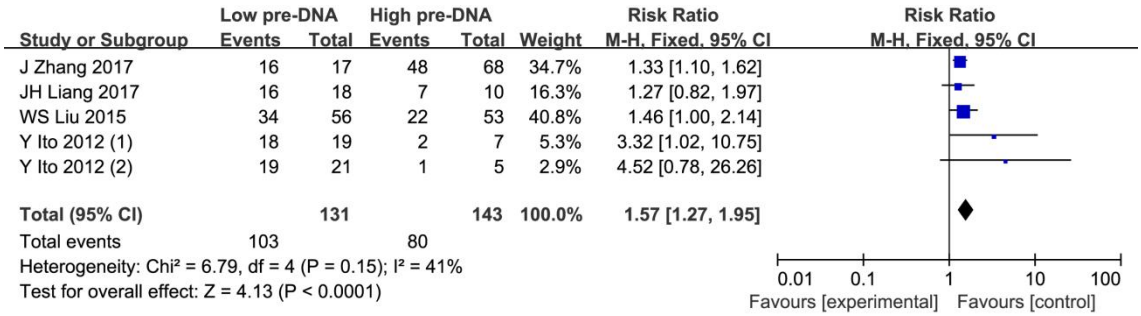


Figure S4 Forest plot of the analysis for post-DNA associated PFS

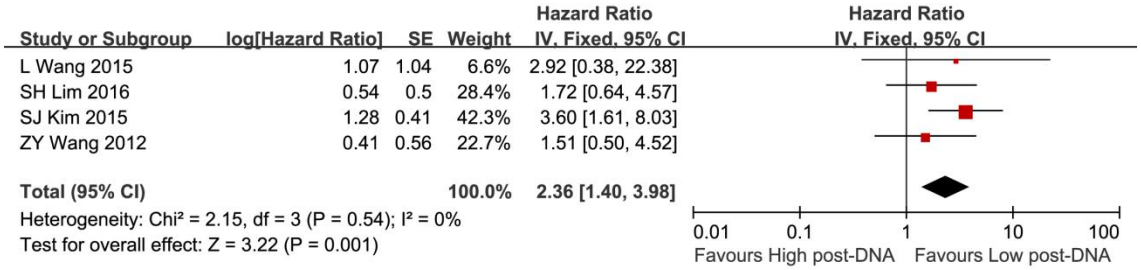


Figure S5 Sensitivity Analysis

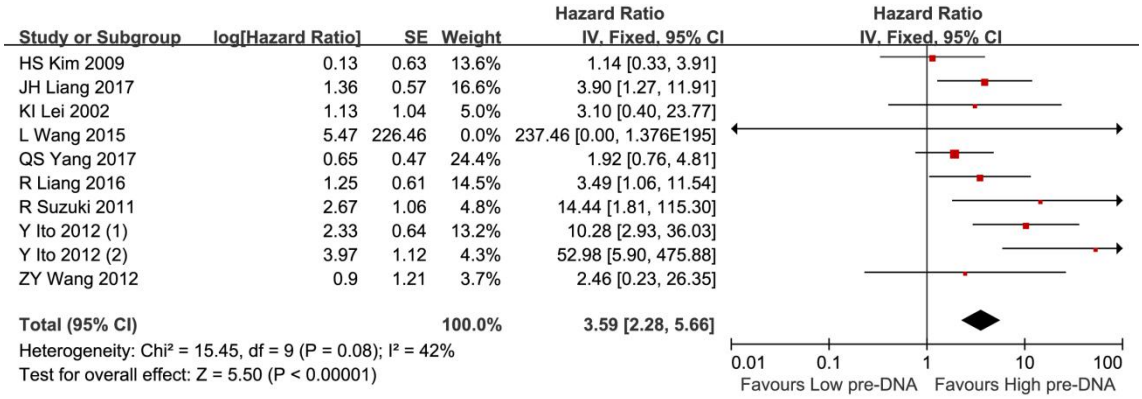
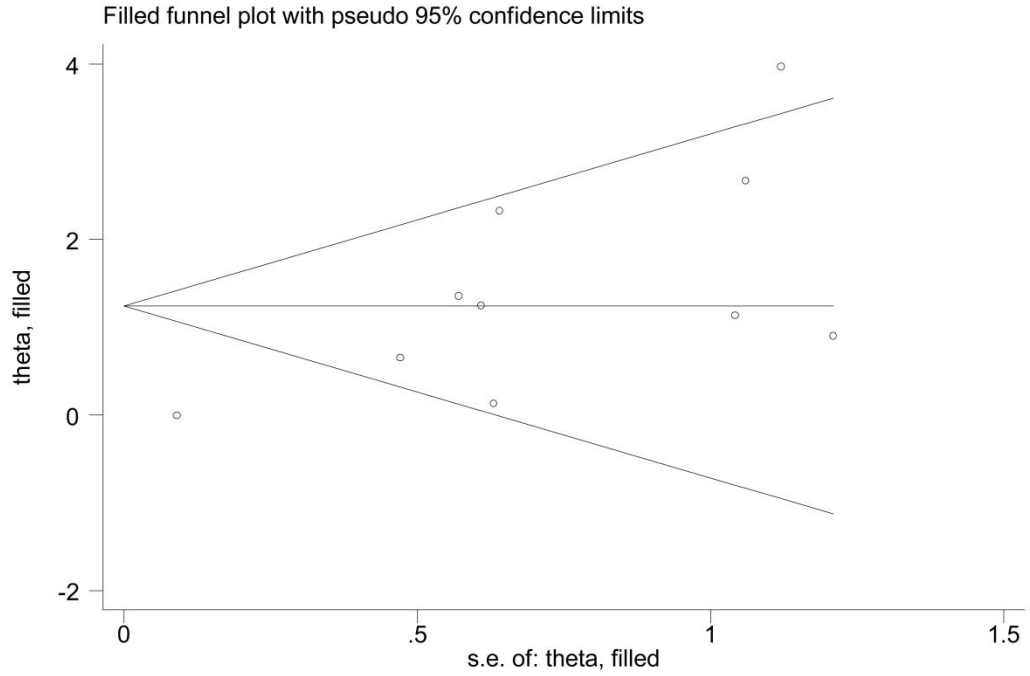


Figure S6 Begg's test of publication bias



Supplementary Table 1. Results of subgroup analyses for pre-DNA associated OS

Stratified Analysis	No. of studies	No. of pts	HR (95% CI)	*P*-value[a]	Heterogeneity	
					I^2	*P*-value[a]
Number of Participants						
≥50	4	303	1.02 [0.86, 1.21]	0.84	0	0.49
<50	7	202	5.18 [2.28, 11.78]	**<0.0001**	53	**0.05**
Sample of Quantification of EBV-DNA						
plasma	8	400	3.06 [1.30, 7.16]	**0.01**	73	**0.0005**
whole blood	3	105	4.95 [0.84, 29.07]	0.08	78	**0.01**
Ann Arbor stage						
I-II	2	137	2.46 [0.23, 26.35]	0.46	0	0.98
III-IV	1	32	3.90 [1.27, 11.91]	**0.02**	NA	NA
I-IV	6	284	1.93 [0.98, 3.81]	0.06	62	**0.02**
Cut-off value						
0	2	153	0.99 [0.83, 1.18]	0.91	0	0.98
500	2	150	1.98 [0.84, 4.67]	0.12	0	0.85
others	7	202	5.18 [2.28, 11.78]	**<0.0001**	53	**0.05**

Abbreviations: No. : number; pts : patients; HR : hazard ratio; CI : confidence interval; NA : not applicable.

a Statistically significant results are shown in bold.

Supplementary Table 2. Results of subgroup analyses for post-DNA associated OS

Stratified Analysis	No. of studies	No. of pts	HR (95% CI)	*P*-value[a]	Heterogeneity	
					I^2	*P*-value[a]
Number of Participants						
≥50	4	293	2.77 [1.36, 5.63]	**0.005**	0	0.83
<50	1	27	1.67 [0.51, 5.40]	0.40	NA	NA
Sample of Quantification of EBV-DNA						
plasma	3	191	2.81 [0.92, 8.56]	0.07	0	0.65
whole blood	2	129	2.27 [1.10, 4.69]	**0.03**	0	0.51
Ann Arbor stage						
I-II	2	137	2.33 [0.62, 8.77]	0.21	0	0.43
I-IV	3	183	2.44 [1.23, 4.84]	**0.01**	0	0.68

Abbreviations: No. : number; pts : patients; HR : hazard ratio; CI : confidence interval; NA : not applicable.

a Statistically significant results are shown in bold.