

Supplementary Table 3: Comparison of the basic information of MSK and TMA cohort.

		cohort		<i>P</i> value
		MSK	TMA	
Age (year)	≤65	96	221	<0.001*
	>65	90	88	
Sex	Female	106	118	<0.001*
	Male	80	191	
Hepatolithiasis	Negative	NA	254	NA
	Positive	NA	55	
HBV infection	Negative	177	58	<0.001*
	Positive	9	251	
ALT (U/L)	≤75	NA	287	NA
	>75	NA	22	
AFP (ng/mL)	≤20	NA	290	NA
	>20	NA	19	
CA19-9 (U/mL)	≤37	53	164	0.097
	>37	67	145	
	NA	66	0	
Tumor size (cm)	≤5	79	171	0.005*
	>5	107	138	
Tumor number	Single	NA	236	NA
	Multiple	NA	73	
Duct type	Small	157	208	<0.001*
	Large	21	101	
	Indeterminate	6	0	
	NA	2	0	
Lymph node invasion	Negative	149	263	0.152
	Positive	37	46	
Microvascular invasion	Negative	NA	242	NA
	Positive	NA	67	
TNM stage	I/II	NA	231	NA
	III/IV	NA	78	
Tumor differentiation	Low	55	43	<0.001*
	Moderate/High	131	266	
Perineural invasion	Negative	129	245	0.013*
	Positive	57	64	
Adjuvant therapy	No	114	77	<0.001*
	Yes	69	232	
	NA	3	0	

*: $P < 0.05$; Abbreviations: HBV: hepatitis B virus; ALT: alanine aminotransferase; AFP: alpha fetoprotein; CA19-9: carbohydrate antigen199;