

Supplementary File

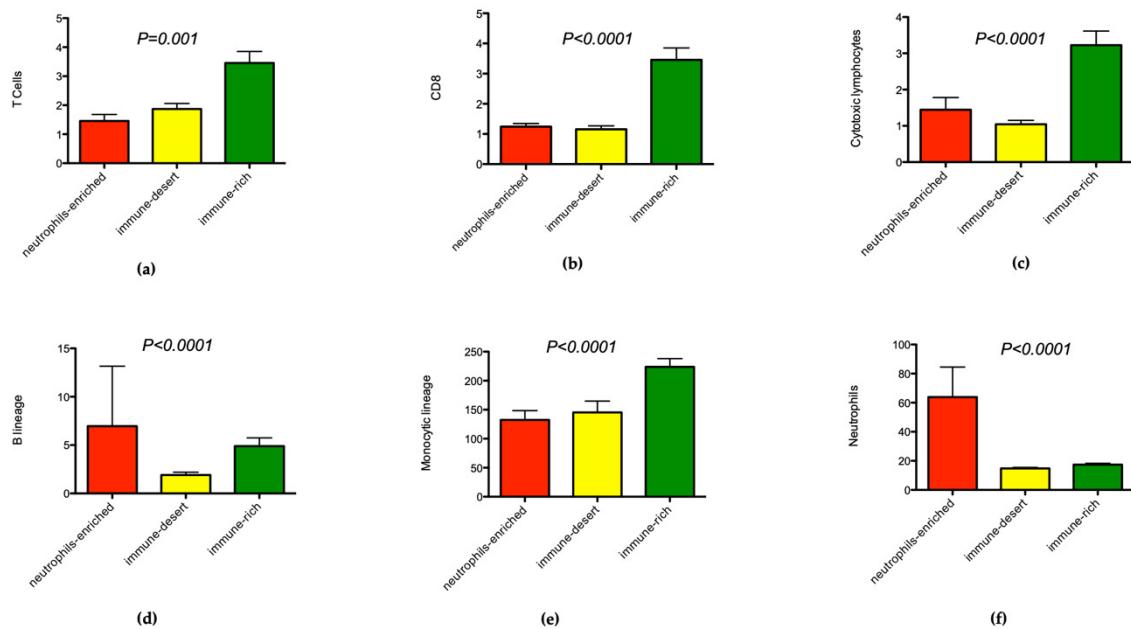


Figure S1. Bar plots of immune cells score in the three immune clusters: neutrophils-enriched (red), immune-desert (yellow), immune-rich (green). (a) T cells. (b) CD8. (c) Cytotoxic lymphocytes. (d) B lineage. (e) Monocytic lineage. (f) Neutrophils.

Table S1. Association between neutrophil-to-lymphocyte ratio and clinical characteristics

Variables	N	NLR<4 N=117	NLR≥4 N=27	p-value
Age	<50	34	10	0.88
	>50	62	17	
Gender	Male	64	18	0.26
	Female	53	9	
BMI	<25	47	6	0.22
	≥25	58	14	
	Missing Data	12	7	
Symptoms	No	51	13	0.67
	Yes	66	14	
Size	<30	59	13	0.70
	>30	50	13	
	Missing Data	8	1	
Ki67, mean +/-SD		5.0+/-4.9	5.2+/-4.6	0.84
Ki67	<5	70	12	0.14
	>5	47	15	
Stage T, AJCC 2017	T1/T2	73	18	0.71
	T3/T4	43	9	
Lymph node involvement	N0	70	15	0.37
	N1	38	12	
	Missing Data	9	0	
Synchronous metastasis	M0	87	15	0.05
	M1	30	12	

Table S2. Number of tumour-associated lymphocytes CD3 and neutrophils (CD66b) on three paired hepatic metastasis and primary well-differentiated pancreatic neuroendocrine tumour, the average of stained cells in 10 fields, x400.

	CD66b		CD3	
	Primary	Metastasis	Primary	Metastasis
Patient 1	2	4.25	16.7	10
Patient 2	5.8	10.4	5.6	3.1
Patient 3	0.5	2.5	1.5	3.3
Mean	2.8	5.7	7.9	5.5