

Supplementary Table S1. Histopathologic features and nucleic acid quality indices of excluded samples

Variable	Sample 1	Sample 2	Sample 3
Exclusion reason	Fibrotic tissue only	Mainly fibrin	Mainly fibrin
Organ	Liver	Kidney	Kidney
Year	1	5	1
Ischemic time (min)	148	56	119
Tumor cell proportion (%)	0	0	0
Histopathologic feature			
Inflammatory cell infiltration	Scanty	Scanty	Scanty
Stromal fibrosis	Marked	No	No
Necrosis (%)	0	0	0
Extracellular mucin pool (%)	0	0	0
DNA			
DNA integrity number	7.2	7.6	2.7
Concentration (ng/ μ L)	59.429	32.442	35.798
% Integrated area	99.25	98.46	100.00
RNA			
RNA integrity number	2.8	0.0	2.4
Concentration (ng/ μ L)	8.184	2.171	3.237
28s/18s	0.0	0.0	0.0

Histopathologic features and tapestation-based nucleic acid quality metrics of three samples excluded from downstream analysis due to absence of tumor cells.