

Table S4. Clinico-pathological characteristics of patients included in this study(Fig. 2d, 2e)

Patient ID	Sex	Age(y)	Surgery Time	Operation	Diagnosis	ER	PR	HER2	Ki67	Histological classification	T stage	N stage	M stage
BC201	F	51	2004	pneumocentesis	breast cancer	-	-	-	50%	TNBC	2	1	1
BC202	F	48	2006	pneumocentesis	breast cancer	-	-	-	70%	TNBC	2	2	1
BC203	F	30	2015	pneumocentesis	breast cancer	-	-	-	30%	TNBC	3	2	1
BC204	F	26	2014	pneumocentesis	breast cancer	-	-	-	20%	TNBC	1	2	1
BC205	F	43	2013	pneumocentesis	breast cancer	-	-	-	40%	TNBC	1	1	1
LAC1	F	54	2019	Segmentectomy	lung adenocarcinoma						1	0	0
LAC2	F	45	2019	Segmentectomy	lung adenocarcinoma						1	0	0
LAC3	F	63	2019	Segmentectomy	lung adenocarcinoma						1	0	0
LAC4	F	57	2019	Segmentectomy	lung adenocarcinoma						1	0	0
LAC5	F	47	2019	Segmentectomy	lung adenocarcinoma						1	0	0