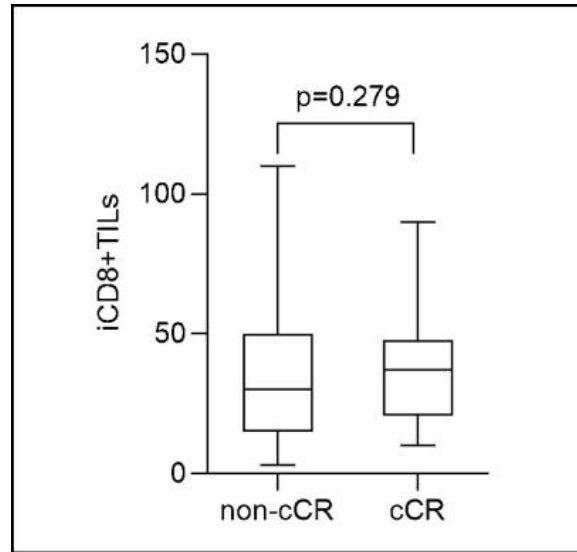


Supplementary S1. Differential expression of iCD8+TILs

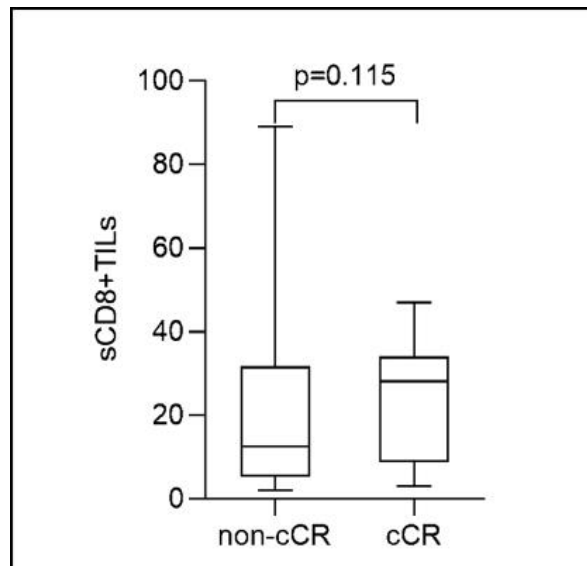


iCD8+TILs differed between non-cCR and cCR.

iCD8+TILs: intratumoral CD8+ tumor infiltrating lymphocytes; non- cCR: non- complete clinical response; cCR: complete clinical response; $p=0.279$,

indicating no statistically significant difference between the two groups.

Supplementary S2. Differential expression of sCD8+TILs



sCD8+TILs differed between non-cCR and cCR.

sCD8+TILs: stromal CD8+ tumor infiltrating lymphocytes; non- cCR: non- complete clinical response; cCR: complete clinical response; $p=0.115$, indicating no

statistically significant difference between the two groups.

Supplementary 3. Raw Data of Analysis

ID	age	menopausal	T	lymph	nodes					clinical	intratumoral		stromal
		status	stage	status	ER	PR	HER2	KI671	response	pCR	CD8+TILs	CD8+TILs	
1	50	1	0	0		1	1	1	0	0	0	12	25
4	39	0	0	1		1	1	0	0	0	0	85	2
5	50	1	0	1		1	1	0	1	0	0	75	10
6	54	1	1	0		1	1	1	1	0	0	8	9
9	43	0	0	1		0	0	1	1	0	0	16	7
11	51	1	0	1		1	1	0	0	0	0	46	2
12	52	1	0	0		1	1	0	1	0	0	15	45
14	43	0	0	1		1	1	0	0	0	0	15	45
16	35	0	1	1		1	1	0	1	0	0	18	11
17	56	1	0	0		0	0	0	1	0	0	47	40
18	68	1	0	1		0	0	1	1	0	0	46	4
19	63	1	1	1		0	0	1	1	0	0	25	12
20	66	1	0	1		1	1	0	0	0	0	67	4
23	47	1	0	1		0	0	0	1	0	1	80	28
24	43	0	0	1		1	0	0	1	0	0	40	8
26	53	1	0	1		0	0	1	1	0	0	43	18
29	65	1	0	1		1	1	0	0	0	0	40	3
30	49	1	0	1		1	1	0	0	0	0	48	10
31	36	0	1	1		1	1	1	1	0	0	93	4
33	62	1	0	1		1	1	0	1	0	0	30	34
34	37	0	0	1		1	1	0	1	0	0	14	10

35	59	1	0	1	0	0	1	1	0	1	18	25
36	47	0	0	0	0	0	1	1	0	0	18	9
37	56	1	1	1	1	0	0	1	0	0	10	35
39	36	0	0	1	0	0	0	1	0	0	30	32
40	38	0	0	1	0	0	1	1	0	0	110	15
41	42	0	0	0	1	1	0	1	0	0	14	3
42	41	0	1	1	0	0	1	1	0	0	18	78
43	53	1	1	1	0	0	1	1	0	0	32	56
44	60	1	1	1	1	1	1	0	0	0	12	20
47	47	0	0	0	1	1	0	1	0	0	80	4
48	48	1	0	0	1	1	1	0	0	0	35	25
49	42	0	0	0	1	1	0	0	0	0	20	5
51	39	0	0	1	1	1	0	0	0	0	3	2
52	50	1	0	1	1	1	0	1	0	0	15	16
53	54	1	1	0	1	1	1	1	0	0	18	7
56	43	0	0	1	0	0	1	1	0	0	34	18
57	52	1	1	0	0	0	1	1	0	0	6	13
58	51	1	0	1	1	1	0	0	0	0	20	2
59	52	1	0	0	1	1	0	1	0	0	40	38
61	43	0	0	1	1	1	0	0	0	0	50	50
63	35	0	1	1	1	1	0	1	0	0	98	11
64	56	1	0	0	0	0	0	1	0	0	20	40
65	68	1	0	1	0	0	1	1	0	0	56	5
66	63	1	1	1	0	0	1	1	0	0	15	12

67	66	1	0	1	1	1	0	1	0	0	12	49
69	45	0	1	1	1	1	0	1	0	0	25	9
70	47	0	0	1	0	0	0	1	0	1	76	52
71	43	0	0	1	1	0	0	1	0	0	78	4
73	53	1	0	1	0	0	1	1	0	0	26	18
75	32	0	1	0	0	0	1	1	0	1	30	32
76	65	1	0	1	1	1	0	0	0	0	40	3
77	50	1	0	1	1	1	0	0	0	0	15	10
79	56	1	0	1	0	0	0	1	0	0	43	30
80	62	1	0	1	1	1	0	1	0	0	5	31
81	37	0	0	1	1	1	0	1	0	0	59	10
83	47	0	0	0	0	0	1	1	0	0	46	18
86	36	0	0	1	0	0	0	1	0	0	16	30
87	38	0	0	1	0	0	1	1	0	0	50	6
88	42	0	0	0	1	1	0	1	0	0	5	3
89	41	0	1	1	0	0	1	1	0	0	9	89
90	53	1	1	1	0	0	1	1	0	0	56	35
93	41	0	0	0	0	0	0	1	0	0	51	29
94	47	0	0	0	1	1	0	1	0	0	57	4
2	42	0	0	0	1	1	0	0	1	1	35	5
3	35	0	0	1	1	1	0	1	1	1	36	8
7	59	1	0	1	0	0	1	1	1	1	40	47
8	62	1	1	0	0	0	1	0	1	1	37	30
10	50	1	1	0	0	0	1	1	1	0	26	34

13	39	0	1	0	0	0	1	0	1	1	51	45
15	56	1	0	0	0	0	1	1	1	1	35	46
21	55	1	0	1	1	1	0	1	1	0	45	37
22	45	0	1	1	1	1	0	1	1	0	18	5
25	51	1	1	0	1	1	0	1	1	1	90	3
27	55	1	0	1	1	0	1	1	1	1	47	21
28	32	0	1	0	0	0	1	1	1	1	52	30
32	56	1	0	1	0	0	0	1	1	0	50	28
38	40	0	0	0	1	1	0	0	1	0	15	14
45	40	0	0	1	1	1	0	1	1	0	21	43
46	41	0	0	0	0	0	0	1	1	0	45	26
50	35	0	1	1	1	1	0	1	1	1	56	8
54	59	1	0	1	0	0	0	1	1	1	46	26
55	62	1	1	0	0	0	0	0	1	1	50	29
60	39	0	1	0	0	0	1	0	1	1	18	34
62	56	1	0	0	0	0	1	1	1	1	30	46
68	55	0	0	1	1	1	0	1	1	0	20	28
72	51	1	1	0	1	1	0	1	1	1	37	3
74	55	1	0	1	0	0	1	1	1	1	20	31
78	36	0	1	1	1	1	1	1	1	0	20	4
82	59	1	0	1	0	0	1	1	1	1	10	28
84	56	1	1	1	1	0	0	1	1	0	41	29
85	40	0	0	0	1	1	0	0	1	0	32	18
91	60	1	1	1	1	1	1	0	1	1	41	29

92 40 0

0 1

1 1 0 1 1

0 60

9
