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Table SI. [Histopathological features of melanoma]

No.	Age	Sex	Location	Onset time	TNM	Stage	Existence of melanocytic nevi	ER	PR	Remarks
1	77	F	right heel	a month ago	pT2aN1M0	IIIB	-	-	-	
2	78	F	unknown	unknown	pT3aN0M0	IIA	-	-	-	
3	47	F	right sole	2 years ago	pT1aN0M0	IA	-	-	-	
4	75	M	left hallux	a year ago	pT1bN0M0	IB	-	-	-	
5	41	M	right shoulder	2 years ago	pT2aN0M0	IIA	-	-	-	
6	84	M	right sole	>10 years ago	pTisN0M0	0	-	-	-	
7	75	F	right sole	unknown	pT1bN0M0	IA	-	-	-	
8	46	M	right thumb	2 years ago	pT2bN0M0	IIA	-	-	-	
9	75	M	left sole	1 month ago	pTisN0M0	0	-	-	-	
10	71	M	right sole	unknown	pT4bN1aM1	IV	-	-	-	
11	69	M	right hallux	a few years ago	pT1bN0M0	IB	-	-	-	
12	58	F	right temporal region	a few months ago	pT4aN3M1	IV	-	-	-	
13	77	F	left sole	10 years ago	pTisN0M0	0	-	-	-	
14	68	F	left heel	18 years ago	pT1aN0M0	IA	-	-	-	
15	77	F	right cheek	10 years ago	pT4bN0M0	IIC	-	-	-	
16	74	M	top of the head	3 months ago	pT1aN0M0	IA	-	-	-	
17	56	F	left sole	6 years ago	pTisN0M0	0	-	-	-	
18	63	F	top of the head	a year ago	pT4aN0M0	IIB	-	-	-	
19	77	M	right middle finger	30 years ago	pT4bN3M1	IV	-	-	-	
20	83	M	right hallux	unknown	pT3aN0M0	IIA	-	-	-	

21	45	F	right precordium	3 years ago	pTisN3M1	IV	-	-	-	
22	82	M	right cheek	10 years ago	pT3aN0M0	IIA	-	-	-	
23	91	F	left cheek	3 years ago	pT3bNxMx		-	-	-	
24	78	M	left lower leg	a few months ago	pT4aN3M0	IIIC	-	-	-	
25	70	F	right upper arm	2 months ago	pT3aN0M0	IIA	-	-	-	
26	88	M	sacral region	2 years ago	pT3aN0M0	IIA	-	-	-	
27	62	F	upper back	5 years ago	pT2aN0M0	IB	-	-	-	
28	78	F	left cheek	unknown	pTisN0M0	0	-	-	-	
29	66	M	left heel	3 years ago	pT4bN3M1	IV	-	-	-	
30	69	M	right middle finger	6 months ago	pT4bN0M0	IIC	-	-	-	
31	77	F	right sole	2 years ago	pTisN0M0	0	-	-	-	
32	46	M	left hallux	2 years ago	pT4aN0M0	IIB	-	-	-	
33	53	F	right buttocks	30 years ago	pT1bN0M0	IB	-	-	-	
34	79	M	right sole	a year ago	pT3bN0M0	IIB	-	-	-	
35	77	F	left hand back	childhood	pT3aN0M0	IIA	-	-	-	
36	71	F	left 3 interdigital space	half a year ago	T2aN0M0	IB	-	-	-	
37	77	F	vulva	unknown	T4N3M1	IV	-	-	-	
38	48	F	left upper arm	2 years ago	pT1aN0M0	IA	-	-	-	Control
39	80	F	left middle finger	5 years ago	pTisN0M0	0	-	-	-	
40	28	F	left lower abdomen	3 months ago	pT2aN0M0	IB	+	+	+	Case1
41	33	F	right buttocks	a year ago	pT4bN0M0	IIC	+	+	+	Case2
42	40	F	right heel	10 years ago	pT4bN1M0	IIIC	+	+	+	Case3

F: female; M: male; TNM: tumor, lymph node, metastasis; ER: estrogen receptor; PR: progesterone receptor.