

Supplementary Table S2. Clinical characteristics of breast tissue microarray containing breast carcinoma tissue, carcinoma metastatic to lymph nodes, and normal tissue samples

No.	Age	Sex	Organ	Pathology diagnosis	Grade
01	43	F	Breast	Little nonspecific infiltrating ductal carcinoma	I
02	40	F	Breast	A little nonspecific infiltrating ductal carcinoma	I
03	54	F	Breast	Nonspecific infiltrating ductal carcinoma	I
04	44	F	Breast	Nonspecific infiltrating ductal carcinoma	I
05	41	F	Breast	Nonspecific infiltrating ductal carcinoma	I
06	63	F	Breast	Nonspecific infiltrating ductal carcinoma	I
07	44	F	Breast	Nonspecific infiltrating ductal carcinoma	I
08	60	F	Breast	Little nonspecific infiltrating ductal carcinoma	I
09	29	F	Breast	Nonspecific infiltrating ductal carcinoma	I-II
10	55	F	Breast	Nonspecific infiltrating ductal carcinoma	I
11	63	F	Breast	Nonspecific infiltrating ductal carcinoma	I
12	44	F	Breast	Nonspecific infiltrating ductal carcinoma	II
13	52	F	Breast	Nonspecific infiltrating ductal carcinoma	II

14	70	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
15	50	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
16	60	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
17	48	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
18	38	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
19	48	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
20	33	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
21	40	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
22	46	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
23	43	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
24	61	F	Breast	Nonspecific infiltrating carcinoma	ductal	I-II
25	41	F	Breast	Nonspecific infiltrating carcinoma	ductal	I
26	58	F	Breast	Nonspecific infiltrating carcinoma	ductal	II
27	57	F	Breast	Nonspecific infiltrating carcinoma	ductal	I
28	45	F	Breast	Nonspecific infiltrating	ductal	II

29	53	F	Breast	carcinoma Nonspecific infiltrating	ductal	II
30	47	F	Breast	carcinoma Nonspecific infiltrating	ductal	II
31	34	F	Breast	carcinoma Nonspecific infiltrating	ductal	II
32	49	F	Breast	carcinoma A little nonspecific infiltrating	ductal	-
33	39	F	Breast	carcinoma Nonspecific infiltrating	ductal	II
34	53	F	Breast	carcinoma Nonspecific infiltrating	ductal	II
35	37	F	Breast	carcinoma A little nonspecific infiltrating	ductal	-
36	62	F	Breast	carcinoma Nonspecific infiltrating	ductal	III
37	50	F	Breast	carcinoma A little nonspecific infiltrating	ductal	III
38	43	F	Breast	carcinoma Nonspecific infiltrating	ductal	III
39	45	F	Breast	carcinoma Nonspecific infiltrating	ductal	III
40	45	F	Breast	carcinoma Nonspecific infiltrating	ductal	III
41	46	F	Breast	carcinoma Nonspecific infiltrating	ductal	II-III
42	46	F	Breast	carcinoma Nonspecific infiltrating	ductal	III
43	64	F	Breast	carcinoma Nonspecific		III

				infiltrating ductal carcinoma	
44	32	F	Breast	Neuroendocrine carcinoma	II
45	51	F	Breast	Infiltrating ductal carcinoma with neuroendocrine differentiation	-
46	40	F	Breast	Breast tissue	-
47	36	F	Breast	Medullary carcinoma	-
48	55	F	Breast	Medullary carcinoma	-
49	58	F	Breast	Medullary carcinoma	-
50	68	F	Breast	Little medullary carcinoma	-
51	33	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
52	41	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
53	50	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
54	61	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
55	57	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
56	53	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
57	38	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
58	52	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
59	46	F	Lymph node	A little metastatic nonspecific infiltrating ductal carcinoma	-
60	39	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-

				carcinoma	
61	51	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
62	39	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
63	34	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
64	50	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
65	38	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
66	41	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
67	46	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
68	29	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
69	47	F	Lymph node	Lymph node tissue	-
70	35	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
71	57	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-
72	53	F	Lymph node	Metastatic lobular carcinoma	-
73	50	F	Lymph node	Fibrofatty tissue	-
74	45	F	Lymph node	A little metastatic nonspecific infiltrating ductal carcinoma	-
75	58	F	Lymph node	Metastatic nonspecific infiltrating ductal carcinoma	-

76	57	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
77	49	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
78	76	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
79	48	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
80	57	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
81	46	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
82	56	F	Lymph node	Metastatic carcinoma	medullary	-
83	42	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
84	49	F	Lymph node	Metastatic carcinoma	lobular	-
85	42	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
86	51	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
87	47	F	Lymph node	A little infiltrating carcinoma with necrosis	metastatic ductal	-
88	47	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
89	47	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-
90	36	F	Lymph node	Metastatic infiltrating carcinoma	nonspecific ductal	-

91	36	F	Breast	Breast tissue	-
92	15	F	Breast	Fibrous tissue	-
93	21	F	Breast	Breast tissue	-
94	42	F	Breast	Breast tissue	-
95	37	F	Breast	Fibrous tissue	-
96	51	F	Breast	Breast tissue	-
97	43	F	Breast	Breast tissue	-
98	43	F	Breast	Breast tissue	-
99	35	F	Breast	Breast tissue	-
100	42	F	Breast	Breast tissue	-

Note: “-” in Grade means no grading available.