

Supplemental Table S1. Clinicopathological characteristics of the patients.

Characteristic	Invasive cases in genotyping		Invasive cases in TMA	
	n	%	n	%
Number of patients	452	100	373	100
Tumor grade				
I	116	25.7	89	23.9
II	210	46.5	173	46.4
III	122	26.9	109	29.2
NA	4	0.9	2	0.5
Histological type				
Ductal	294	65.0	238	63.8
Lobular	80	17.7	73	19.6
Medullary	8	1.8	8	2.1
Other	70	15.5	54	14.5
Tumor size				
T1	236	52.2	177	47.5
T2	174	38.6	160	42.9
T3	25	5.5	21	5.6
T4	17	3.7	15	4.0
Nodal status				
Negative	262	58.0	203	54.4
Positive	180	39.8	165	44.2
Unknown	10	2.2	5	1.3
ER status				
Negative	99	21.9	85	22.8
Positive	335	74.1	282	75.6
NA	18	4.0	6	1.6
Stage				
I	177	39.2	129	34.6
II	213	47.1	191	51.2
III	39	8.6	37	9.9
IV	13	2.9	11	2.9
Unknown	10	2.2	5	1.3
HER2 status				
Negative	350	77.4	300	80.4
Positive	52	11.5	46	12.3
NA	50	11.1	27	7.2
Cause of death				
Alive	230	50.9	182	48.7
Breast cancer	117	25.9	105	28.2
Other	105	23.2	86	23.1
Age				
< 50	141	31.2	118	31.6
≥ 50	311	68.8	255	68.4
Menopausal status				
Premenopausal	131	29.0	108	29.0
Postmenopausal	299	66.2	248	66.5
NA	22	4.8	17	4.5
Radiation therapy				

Yes	258	57.1	211	56.6
No	194	42.9	162	43.4
Chemotherapy				
Yes	86	19.0	74	19.8
No	366	81.0	299	80.2
Endocrine therapy				
Yes	116	25.7	106	28.4
No	336	74.3	267	71.6

ER; estrogen receptor, NA; Data not available.