

**Table 2. Clinical description of breast cancer and normal breast tissues evaluated in microarray study**

Tissue location	Lymph node involvement	Grade	Mitoses per 10 hpf	Nuclear pleiomorphism	Tubule formation	Tumor size, cm	Sex	Surgical description
Breast	0 of 7	2	1	2		0.8	F	Wide local excision, right breast
Breast	Not stated	Not stated				0.9	F	Lumpectomy
Breast	4 of 8, with extranodal extension	3	3	3	3	4.7	F	Mastectomy - L breast
Lymph node, axillary	20 of 35, with extranodal invasion	3	2	3	3		F	Mastectomy, L breast, with axillary dissection
Lymph node, axillary	20 of 35, with extranodal invasion	3	2	3	3		F	Mastectomy, L breast, with axillary dissection
Breast	20 of 35, with extranodal invasion	3	2	3	3	1.3	F	Mastectomy, Lbreast, with axillary dissection
Breast	1 of 16	3	2	3	3	2.6	F	Mastectomy, L breast, with axillary dissection
Lymph node, axillary	6 of 14	Not stated					F	Axillary dissection, L axilla
Breast	1 of 22	3	2	3	3	1.8	F	Mastectomy, R breast, with axillary dissection
Breast	0 of 12	2	1	2	2	1.2	F	Lumpectomy, mastectomy, L breast with axillary dissection
Breast	0 of 21	2	2	2	2	2.7	F	Segmental mastectomy, with axillary dissection
Lymph node, axillary	15 of 15, extensive extranodal	3	2	3	3		F	Wide local excision, L breast, with axillary clearance
Breast	15 of 15, extensive extranodal	3	2	3	3	1.8	F	Wide local excision, L breast, with axillary clearance
Breast	0 of 18	3	2	2	1	2.1	F	Mastectomy, R breast, with axillary dissection
Breast	0 of 15	3				1.5	F	Mastectomy, L breast, with axillary dissection
Breast	5 of 13	3	3	3	3	3.5	F	Mastectomy, R breast, with axillary dissection
Lymph node, axillary	3 of 14	Not stated					F	Mastectomy, R breast, with axillary dissection
Breast	3 of 14	Not stated					F	Mastectomy, R breast, with axillary dissection
Lymph node, axillary	8 of 22	1	1	1	2		F	L mastectomy, lateral pectoralis major, and apical node
Breast	1 of 12	3	3	3	3	2.8	F	Mastectomy, L breast, with axillary dissection
Breast	0 of 35	3	3	3	3	2.8	F	Mastectomy, L breast, with axillary dissection
Breast	1 of 16	1	1	2	2	6.4	F	Mastectomy, R breast, with axillary dissection
Breast	17 of 17	3	3	3	3	4.2	F	Mastectomy, R breast, with axillary dissection
Breast	4 of 15	3	1	2	3	2.5	F	Wide local excision, with axillary dissection
Lymph node, axillary	2 of 5 sentinel, 0 of 10 axillary	2	1	3	3		F	Mastectomy, R breast, with axillary dissection
Breast	2 of 5 sentinel, 0 of 10 axillary	2	1	3	3	4	F	Mastectomy, R breast, with axillary dissection
Breast	2 of 5 sentinel, 0 of 10 axillary	2	1	3	3	0.7	F	Mastectomy, R breast, with axillary dissection

Tissue location	Lymph node involvement	Grade	Mitoses per 10 hpf	Nuclear pleiomorphism	Tubule formation	Tumor size, cm	Sex	Surgical description
Breast	3 of 7	3	2	3	3	2.5	F	Mastectomy, R breast, with axillary dissection
Breast	0 of 17	2	1	2	3	4	F	Mastectomy, R breast, with axillary clearance
Breast	0 of 13	2	1	2	3	2.5	F	Segmental mastectomy, with axillary dissection
Breast	6 of 27	3	3	3	3	2	F	Wide local excision, L breast, with axillary dissection
Breast	0 of 2	1	1	1	3	1.5	F	Segmental mastectomy, R breast, with sentinel node biopsy
Breast	1 of 1 (sentinel)	3	3	2	3	2.4	F	Mastectomy, R breast, with sentinel node biopsy
Breast	1 of 1 (sentinel)	3	3	2	3	2.4	F	Mastectomy, R breast, with sentinel node biopsy
Breast	0 of 18	2	1	2	3	3	F	Mastectomy, R breast, with axillary dissection
Breast	2 of 9	3	3	2	3	2.1	F	Mastectomy
Breast	0 of 23	2	1	2	3	2.1	F	Wide local excision, with axillary dissection
Breast	1 of 14	3	2	2	3	6	F	Wide local excision, left breast, axillary dissection
Breast	0 of 1 (sentinel)	1	1	1	3	1.3	F	Mastectomy
Breast	Left 1 of 1; Right 0 of 1	1	2	2	2	4	F	Double mastectomy. Tumors found in both breasts.
Breast	Not stated	Not stated				4	F	Mastectomy
Breast	2 of 12	1	1			2.2	F	Segmental mastectomy, L breast with axillary dissection
Breast	13 of 19; extensive replacement	2				4.7	F	Mastectomy, L breast, with axillary dissection
Breast	4 of 27 with extranodal spread	3				3	Male	Mastectomy, L breast, with axillary clearance
Breast	0 of 17	2	2	3	1	1.2	F	Mastectomy, R breast, with axillary clearance
Breast	Not stated	Not stated				0.6	F	Wide re-excision, L breast
Breast	0 of 24	2	1	3	3	1.2	F	Mastectomy, L breast, with axillary dissection
Breast	3 of 3	2	1	2	3	7	F	Mastectomy, R breast, with axillary dissection
Breast	Not stated	2				6.5	F	Mastectomy, R breast.
Breast	0 of 11	2	2	3	1	2.5	F	Mastectomy, R breast, with axillary dissection
Breast	1 of 21	1	1	3	1	1.4	F	Mastectomy, L breast, with axillary dissection
Breast	0 of 28	3				2.5	F	Mastectomy, L breast, with axillary dissection, and muscle tissue
Breast	0 of 17	2	1	3	3	2.1	F	Mastectomy, R breast, with axillary dissection
Breast	0 of 1	2	1	2	3	2	Male	Mastectomy, L breast, with axillary dissection
Breast		N/A					F	Lumpectomy, mastectomy, L breast with axillary dissection
Breast		N/A					F	
Breast		N/A					F	Mastectomy, R breast, with axillary dissection

Tissue location	Lymph node involvement	Grade	Mitoses per 10 hpf	Nuclear pleiomorphism	Tubule formation	Tumor size, cm	Sex	Surgical description
Breast		N/A					F	Mastectomy, R breast, with axillary dissection
Breast		N/A					F	Cadaveric; death by trauma (no evidence of malignancy)
Breast		N/A					F	Cadaveric; death by trauma (no evidence of malignancy)
Breast		N/A					Male	Cadaveric; death by trauma (no evidence of malignancy)
Breast		N/A					F	Cadaveric; death by trauma (no evidence of malignancy)
Breast		N/A					F	Cadaveric; death by trauma (no evidence of malignancy)