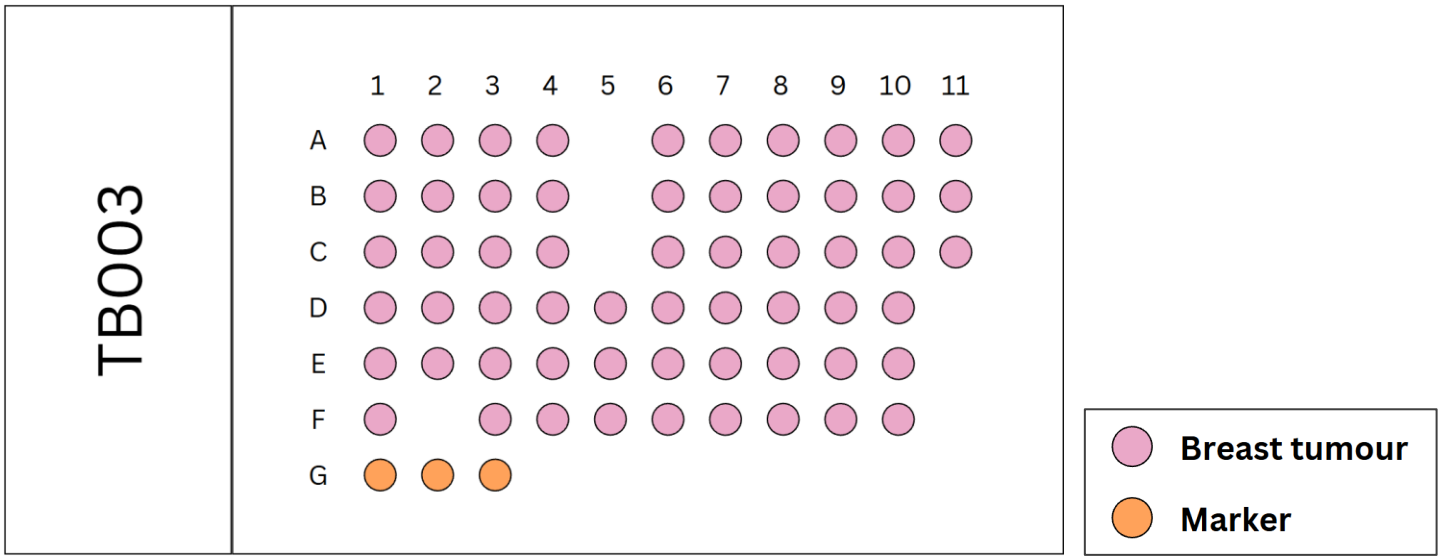
**TB003: Breast Tumour Tissue Microarray**

59 cases / 62 cores, include pathology diagnosis, TNM staging and grading.

**Description**

| | |
|---|---|
| Product code | TB003 |
| Cases | 59 |
| Row number | 7 |
| Column number | 11 |
| Core diameter | 0.6 mm |
| Thickness | 4 µm |
| Tissue array type | FFPE |
| Species | Human |
| Application | • Immunohistochemistry<br>• In situ hybridization<br>• Fluorescent in situ hybridization<br>• Terminal deoxynucleotidyl transferase dUTP nick-end labelling (TUNEL) analysis<br>• In situ polymerase chain reaction (In situ PCR) |
| Notes | • Storage temperature: 4°C<br>• Shipping temperature: Ambient<br>• Research Use Only |

TMA map:




***TMA cores are limited biological materials; therefore, 5-10% tissue exhaustion is considered normal and unavoidable.*

| Position | Age | Gender | Pathology diagnosis | TNM | Grade | Type |
|---|---|---|---|---|---|---|
| A1 | 52 | F | Invasive ductal carcinoma | T2 N1 Mx | 3 | Malignant |
| A2 | 61 | F | Invasive ductal carcinoma | T2 N0 Mx | 2 | Malignant |
| A3 | 64 | F | Invasive ductal carcinoma | T1c N1 Mx | 3 | Malignant |
| A4 | 50 | F | Invasive ductal carcinoma | T1c N0 Mx | 2 | Malignant |
| A5 | | | | | | |
| A6 | 65 | F | Invasive ductal carcinoma | T2 N0 Mx | 3 | Malignant |
| A7 | 61 | F | Invasive ductal carcinoma | T2 N0 Mx | 3 | Malignant |
| A8 | 51 | F | DCIS adjacent to Invasive ductal carcinoma | T2 Nx Mx | 3 | Malignant |
| A9 | 32 | F | Invasive ductal carcinoma | T3 N2a Mx | 2 | Malignant |
| A10 | 62 | F | Invasive ductal carcinoma | T2 N2a Mx | 3 | Malignant |
| A11 | 42 | F | Invasive ductal carcinoma | T2 N0 Mx | 2 | Malignant |
| B1 | 60 | F | Invasive ductal carcinoma | T1c N0 Mx | 2 | Malignant |
| B2 | 43 | F | Invasive ductal carcinoma | T1c Nx Mx | 3 | Malignant |
| B3 | 60 | F | Invasive ductal carcinoma | T2 N3a Mx | 3 | Malignant |
| B4 | 50 | F | Invasive ductal carcinoma | T4b N1a Mx | 2 | Malignant |
| B5 | | | | | | |
| B6 | 44 | F | Invasive ductal carcinoma | T4 N2a Mx | 3 | Malignant |
| B7 | 53 | F | Invasive ductal carcinoma | T1c N0 Mx | 2 | Malignant |
| B8 | 44 | F | Invasive ductal carcinoma | T3 N3a Mx | 3 | Malignant |
| B9 | 39 | F | Invasive ductal carcinoma | N/A | 3 | Malignant |
| B10 | 58 | F | Invasive ductal carcinoma | T1x N0 Mx | 2 | Malignant |
| B11 | 60 | F | Invasive ductal carcinoma | T4c N3a Mx | 3 | Malignant |
| C1 | 46 | F | DCIS adjacent to Invasive ductal carcinoma | T1c Nx Mx | 2 | Malignant |
| C2 | 57 | F | Invasive ductal carcinoma | T1c N0 Mx | 3 | Malignant |
| C3 | 46 | F | Invasive ductal carcinoma | T2 N1a Mx | 2 | Malignant |
| C4 | 60 | F | Invasive ductal carcinoma | T2 N2 Mx | 3 | Malignant |
| C5 | | | | | | |
| C6 | 52 | F | Invasive ductal carcinoma | T4b N1a Mx | 3 | Malignant |
| C7 | 41 | F | Invasive ductal carcinoma | T2 N1 Mx | 3 | Malignant |
| C8 | 38 | F | Invasive ductal carcinoma | T3 N3 Mx | 2 | Malignant |
| C9 | 43 | F | Invasive ductal carcinoma | T2 N3 Mx | 2 | Malignant |
| C10 | 37 | F | Invasive ductal carcinoma | T3 N3 Mx | 3 | Malignant |
| C11 | 40 | F | Invasive ductal carcinoma | T1c N0 Mx | 2 | Malignant |
| D1 | 37 | F | Invasive ductal carcinoma | T1c Nx Mx | 2 | Malignant |
| D2 | 56 | F | Invasive ductal carcinoma | T1c N1a Mx | 3 | Malignant |
| D3 | 57 | F | Invasive ductal carcinoma | T2 N2a Mx | 3 | Malignant |
| D4 | 55 | F | Invasive ductal carcinoma | T2 N0 Mx | 3 | Malignant |

| | | | | | | |
|---|---|---|---|---|---|---|
| D5 | 38 | F | Invasive ductal carcinoma | T2 N0 Mx | 3 | Malignant |
| D6 | 45 | F | Invasive ductal carcinoma | T4b N3a Mx | 2 | Malignant |
| D7 | 35 | F | Invasive ductal carcinoma | T2 N0 Mx | 3 | Malignant |
| D8 | 40 | F | Invasive ductal carcinoma | T4b N1a Mx | 2 | Malignant |
| D9 | 31 | F | Invasive ductal carcinoma | T1c N1a Mx | 2 | Malignant |
| D10 | 61 | F | Invasive ductal carcinoma | T2 N1a Mx | 3 | Malignant |
| D11 | | | | | | |
| E1 | 45 | F | Invasive ductal carcinoma | T3 Nx Mx | N/A | Malignant |
| E2 | 34 | F | Invasive ductal carcinoma | T1c Nx Mx | 2 | Malignant |
| E3 | 56 | F | Invasive ductal carcinoma | T1c Nx Mx | 2 | Malignant |
| E4 | 70 | F | Invasive ductal carcinoma | T3 N2 Mx | 3 | Malignant |
| E5 | 49 | F | Invasive ductal carcinoma | N/A | 2 | Malignant |
| E6 | 49 | F | Invasive ductal carcinoma | N/A | 2 | Malignant |
| E7 | 70 | F | Invasive ductal carcinoma | T2 N1a Mx | 3 | Malignant |
| E8 | 56 | F | Invasive ductal carcinoma | T1c Nx Mx | 1 | Malignant |
| E9 | 58 | F | Invasive ductal carcinoma | T4b N3a Mx | 3 | Malignant |
| E10 | 63 | F | Invasive ductal carcinoma | T2 N0 Mx | 2 | Malignant |
| E11 | | | | | | |
| F1 | 32 | F | Invasive ductal carcinoma | N/A | 3 | Malignant |
| F2 | | | | | | |
| F3 | 40 | F | Invasive ductal carcinoma | T2 Nx Mx | 3 | Malignant |
| F4 | 56 | F | Invasive ductal carcinoma | T1b Nx Mx | 3 | Malignant |
| F5 | 46 | F | Invasive ductal carcinoma | T1c Nx Mx | 2 | Malignant |
| F6 | 46 | F | Invasive ductal carcinoma | T2 Nx Mx | 3 | Malignant |
| F7 | 79 | F | Invasive ductal carcinoma | T3 N3 Mx | 3 | Malignant |
| F8 | 41 | F | DCIS adjacent to Invasive ductal carcinoma | T2 N1a Mx | 3 | Malignant |
| F9 | 53 | F | Invasive ductal carcinoma | T1c N1a Mx | 2 | Malignant |
| F10 | N/A | F | Invasive ductal carcinoma | T2 N0 Mx | 3 | Malignant |
| F11 | | | | | | |
| G1 | Marker | | | | | |
| G2 | Marker | | | | | |
| G3 | Marker | | | | | |