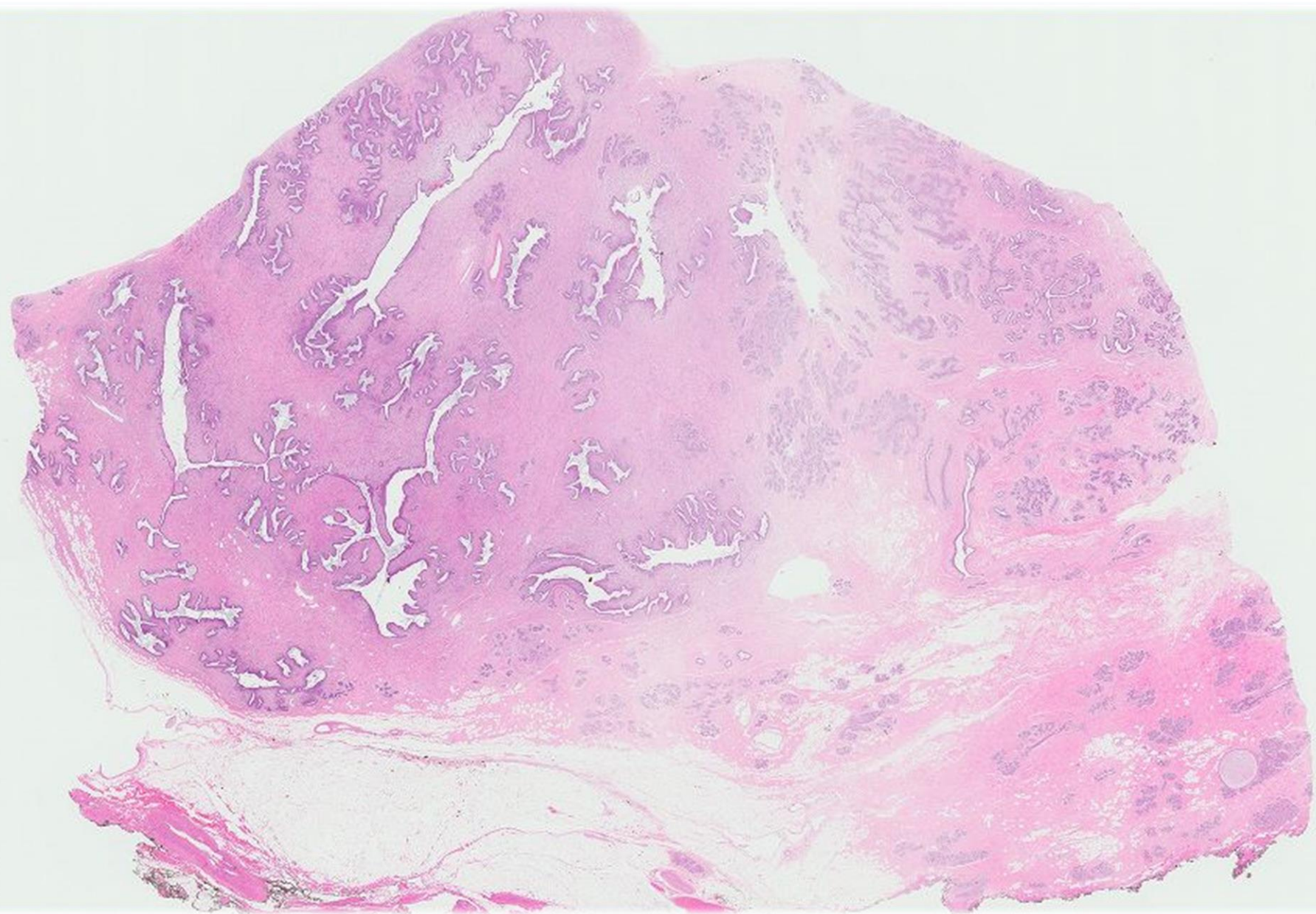


Case 26

45 year old Chinese lady presented with a large left breast recurrent tumour.

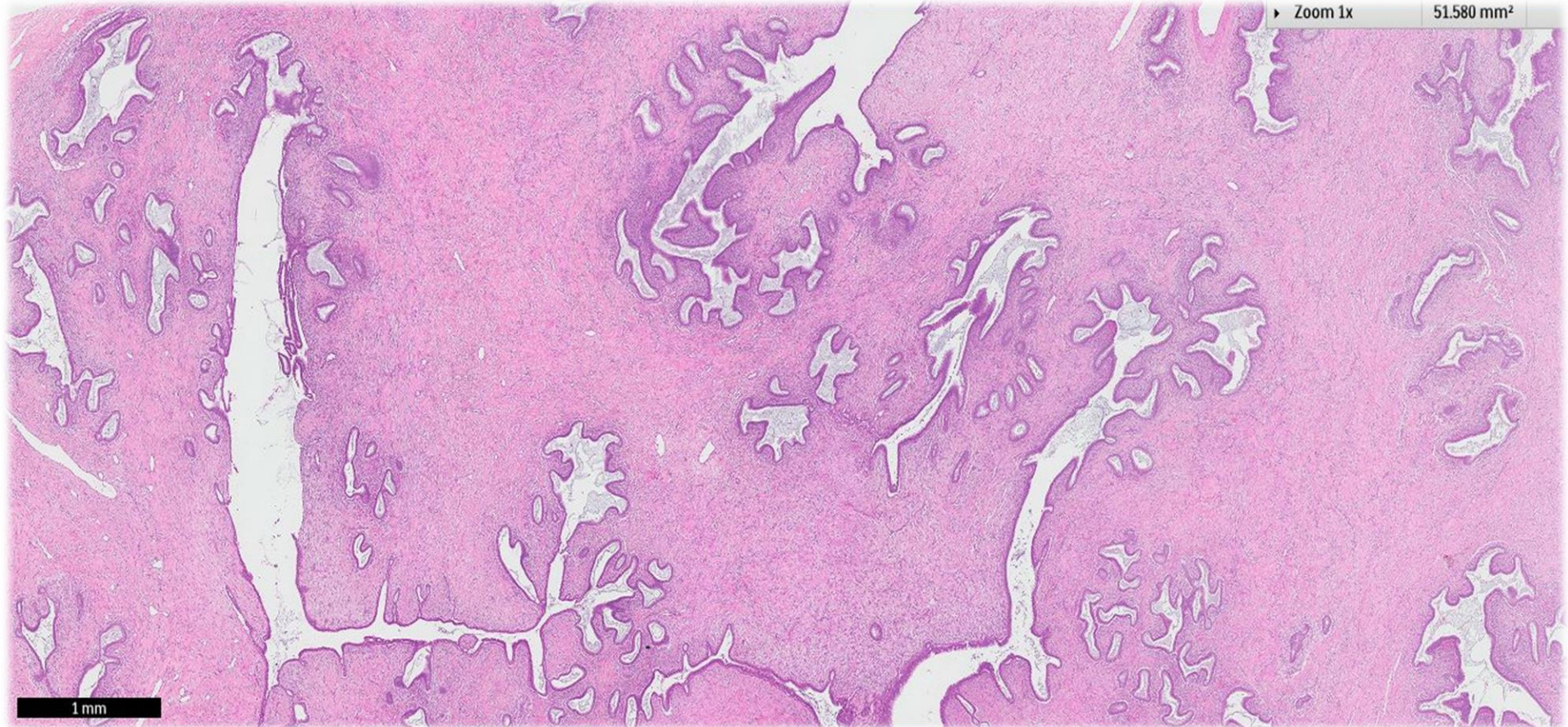
Sections (A) and (B) are from different parts of the tumour.





Zoom 1x

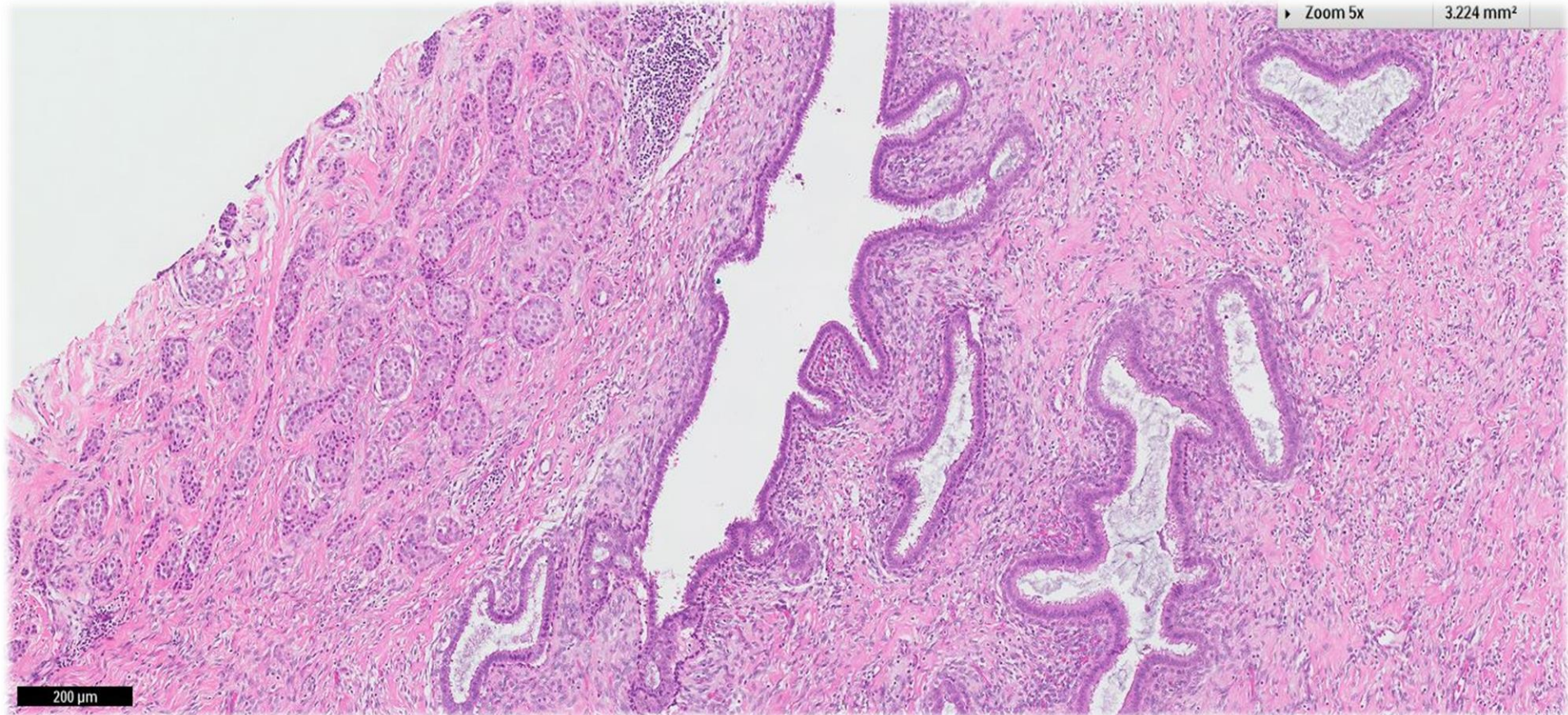
51.580 mm²



1 mm

▶ Zoom 5x

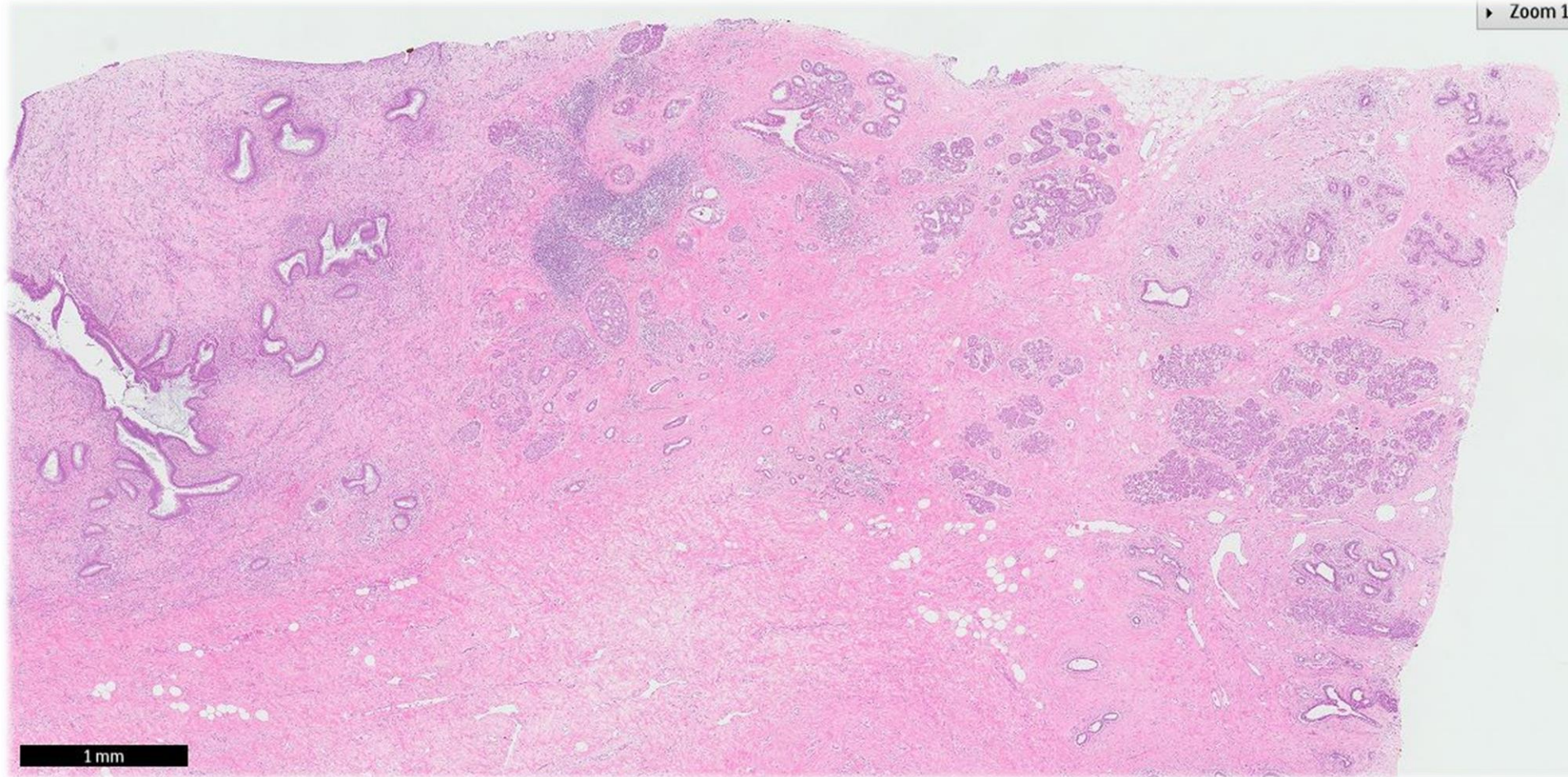
3.224 mm²



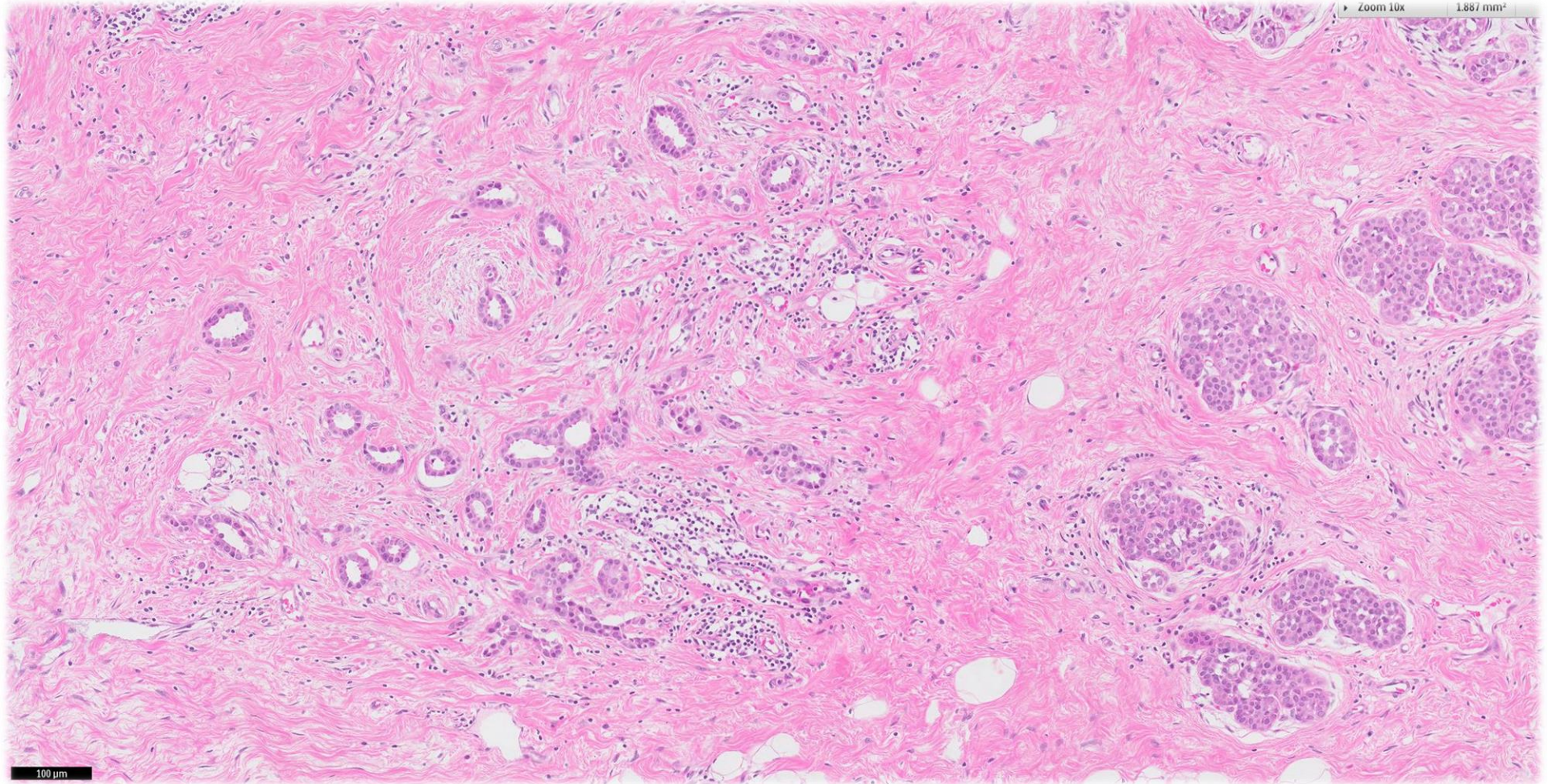
200 μm



mm

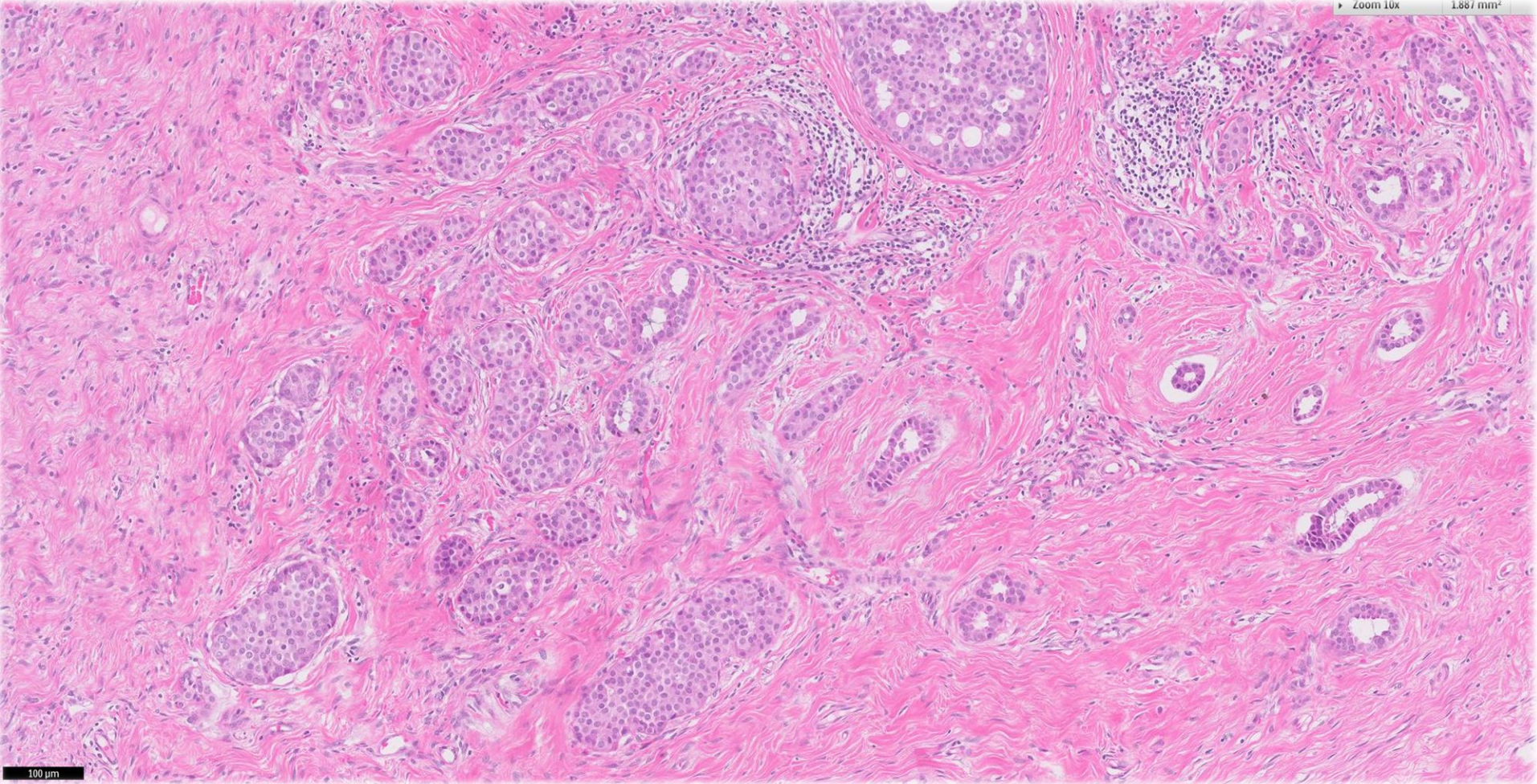


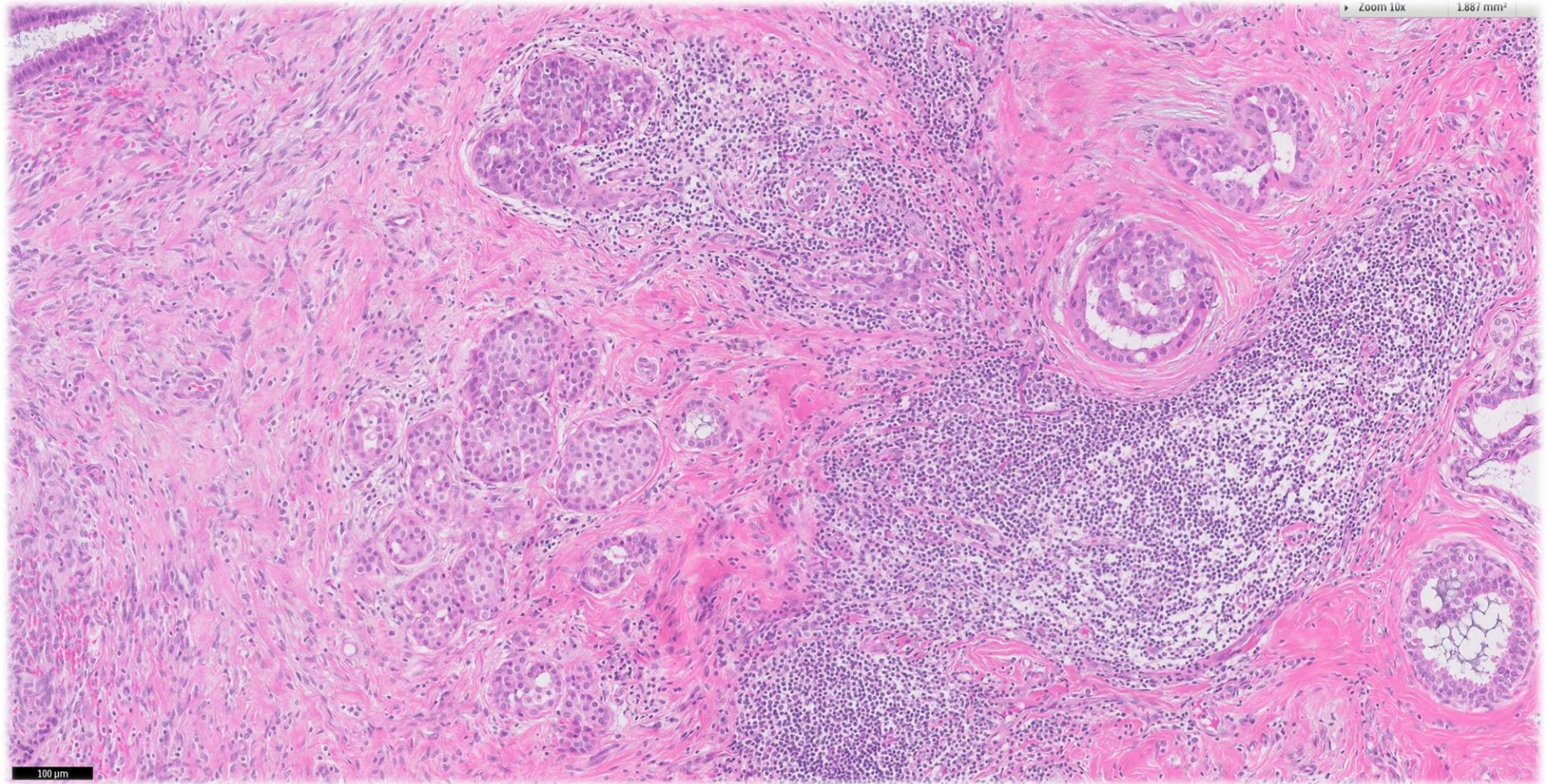
1 mm

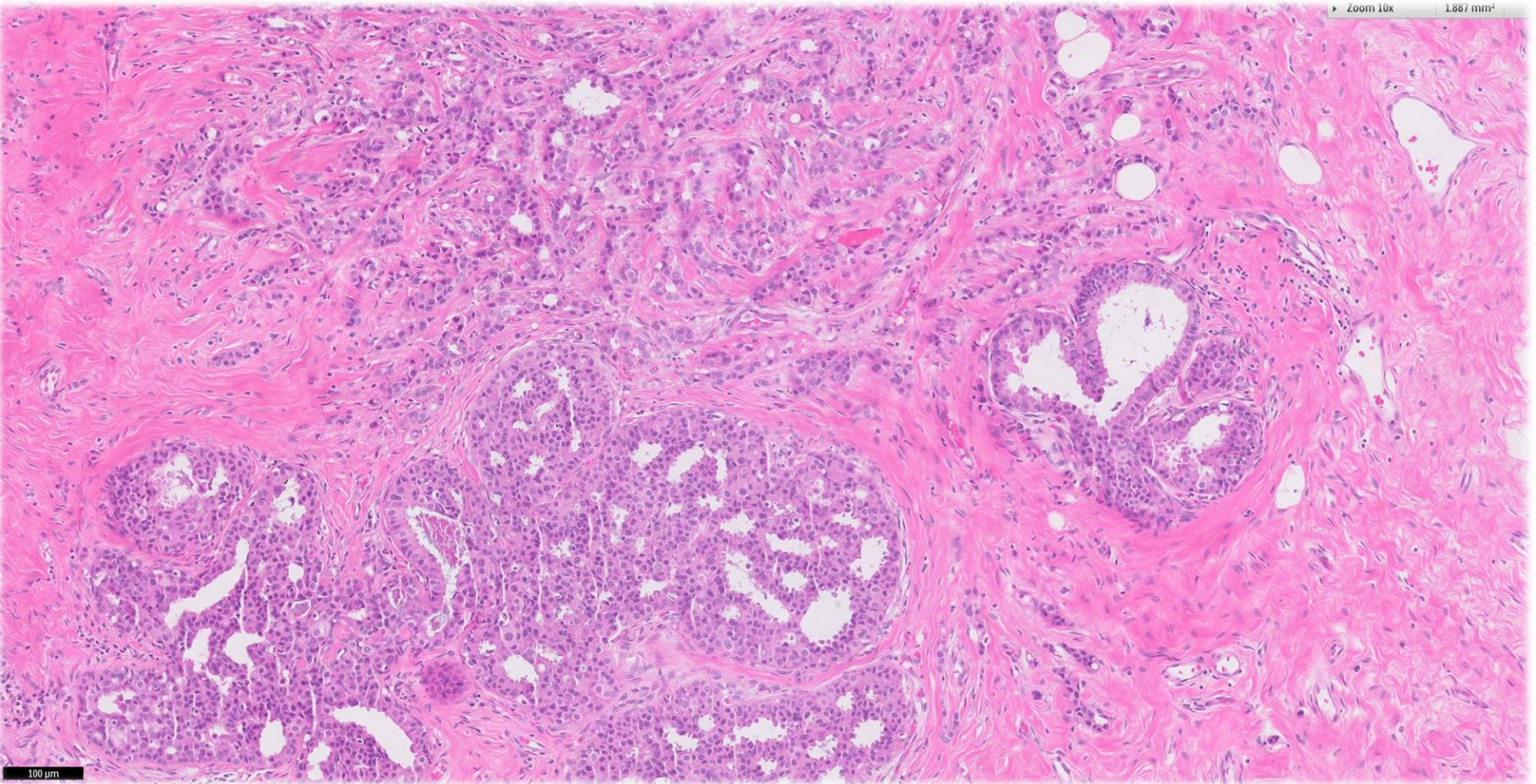


Tree philodendron



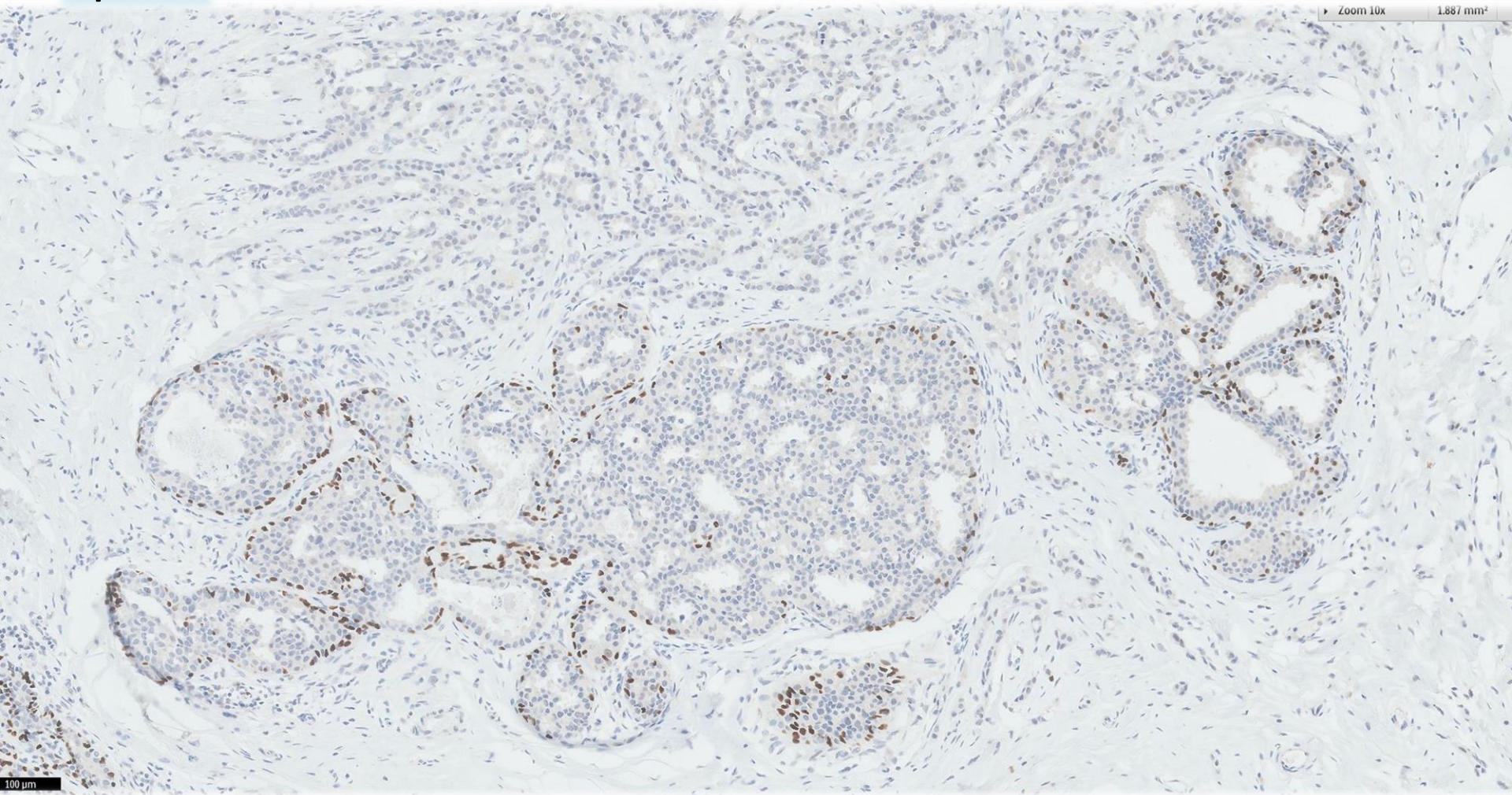






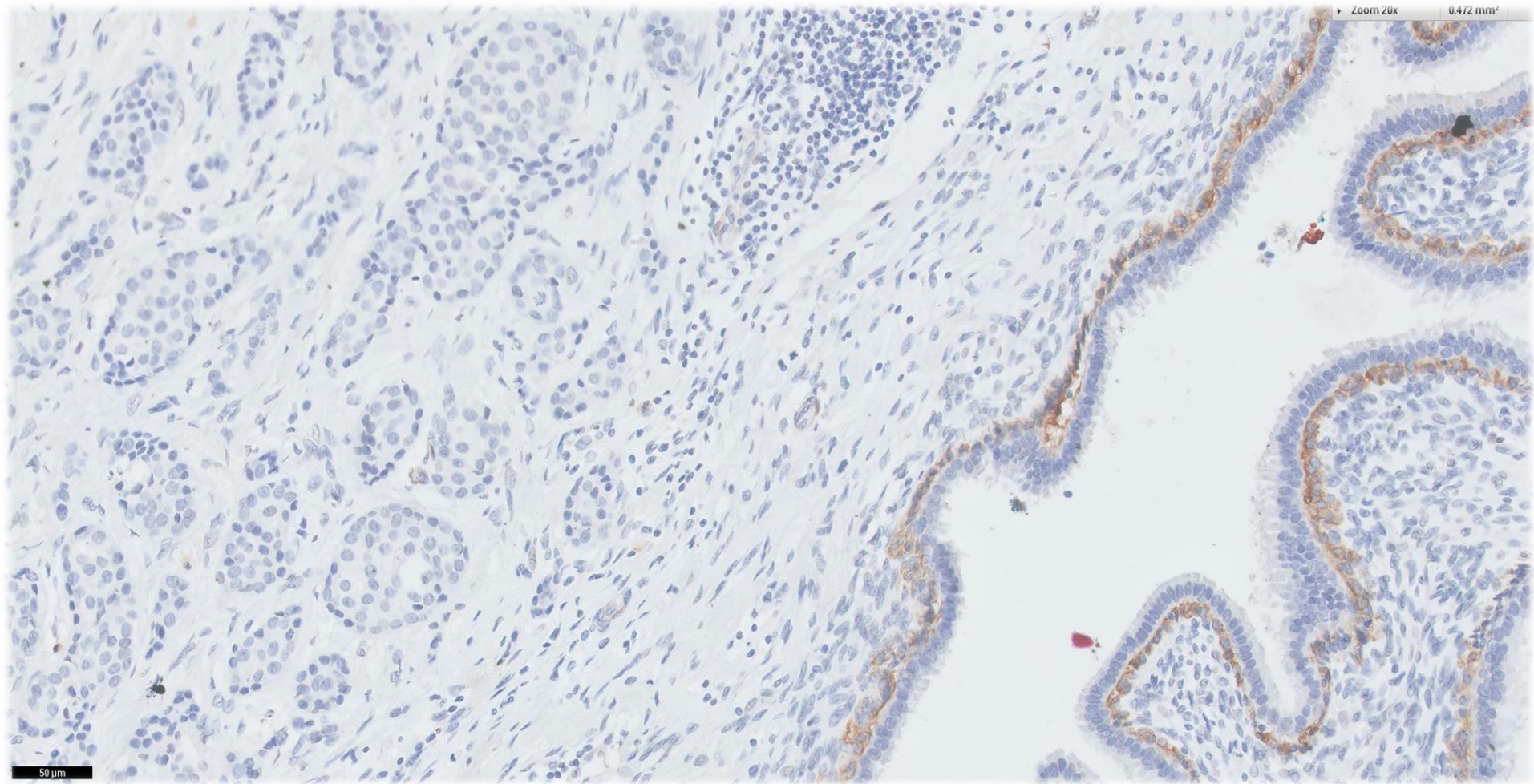
p63

Zoom 10x 1.887 mm²



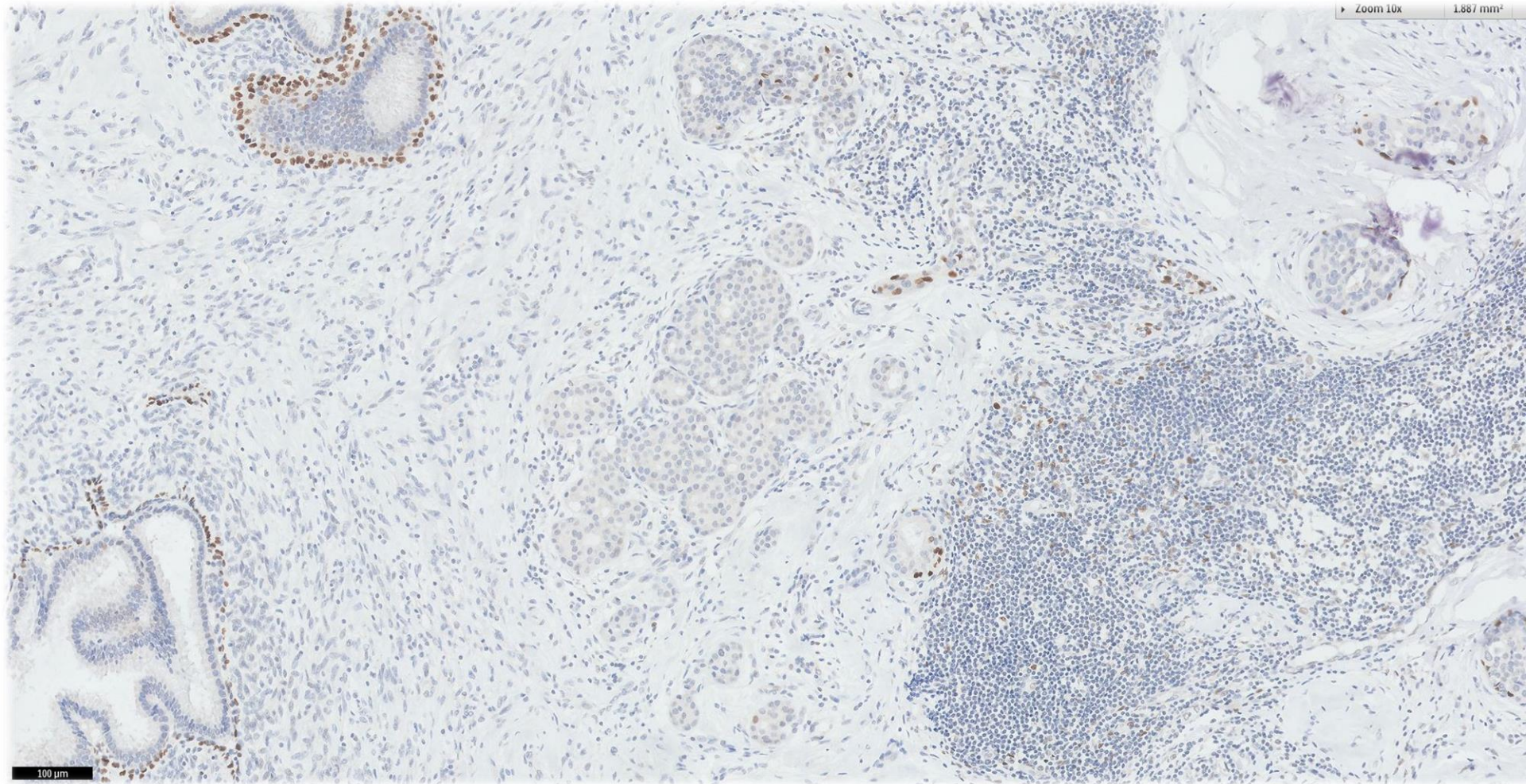
100 μm

p63

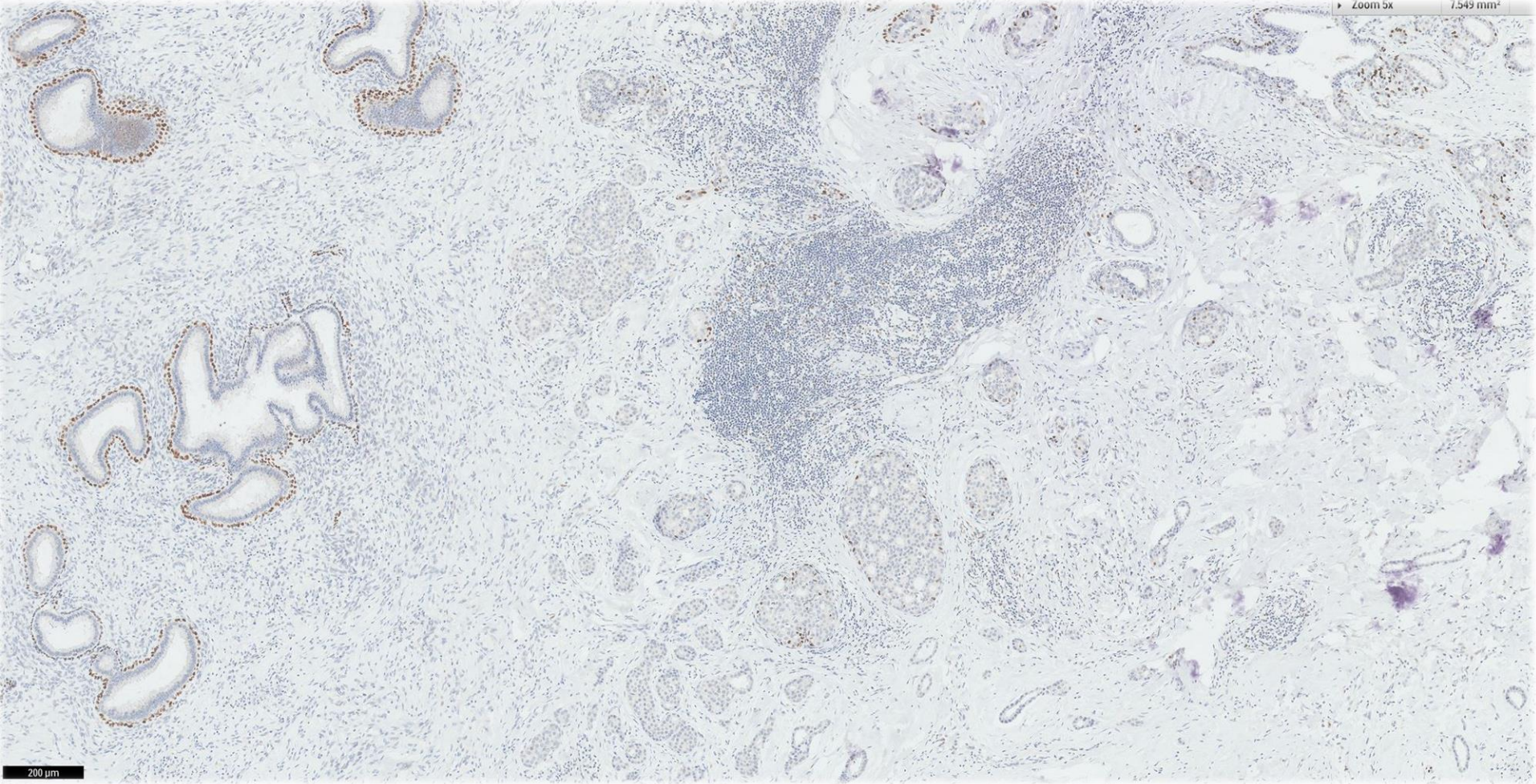


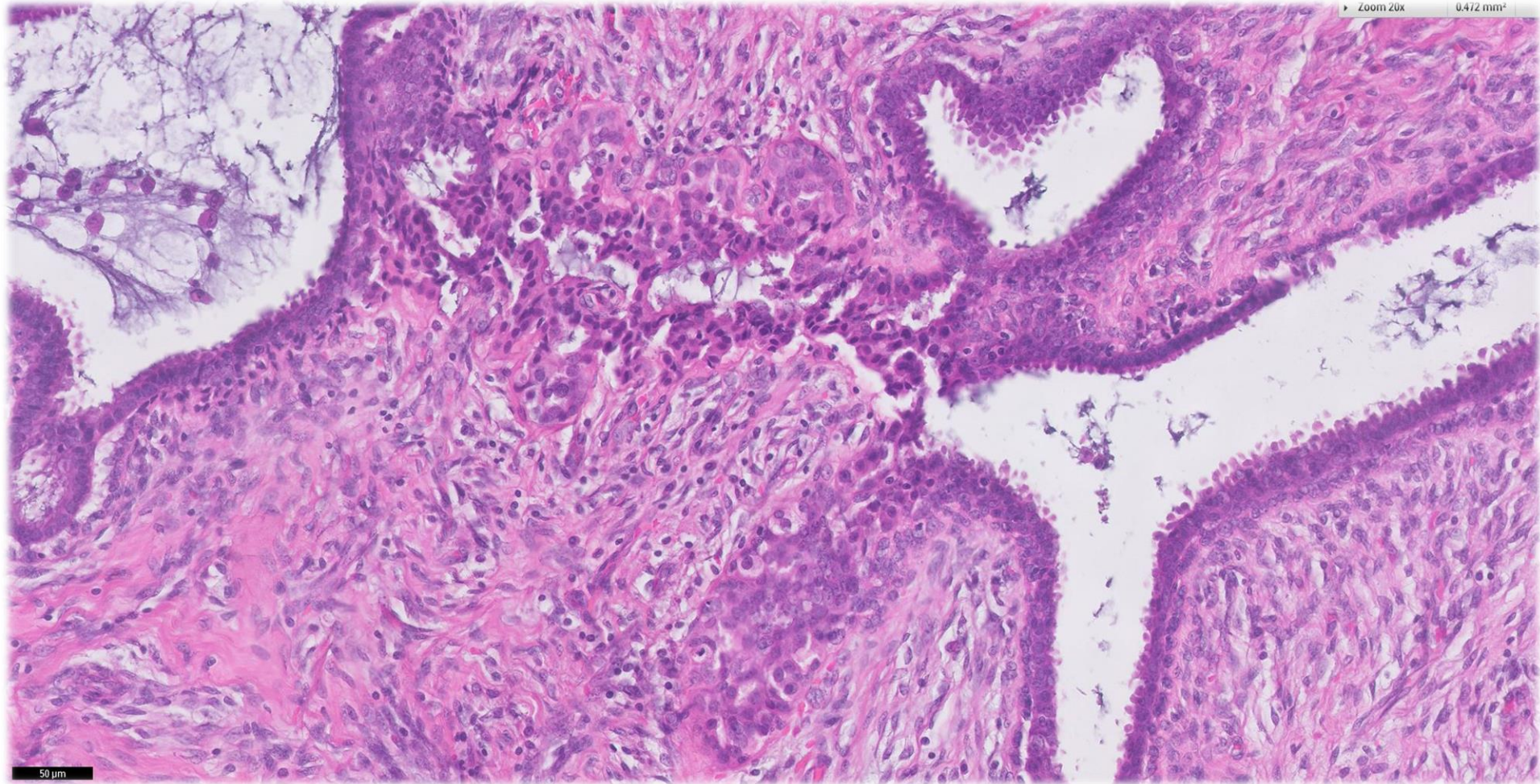
p63

Zoom 10x 1.887 mm²

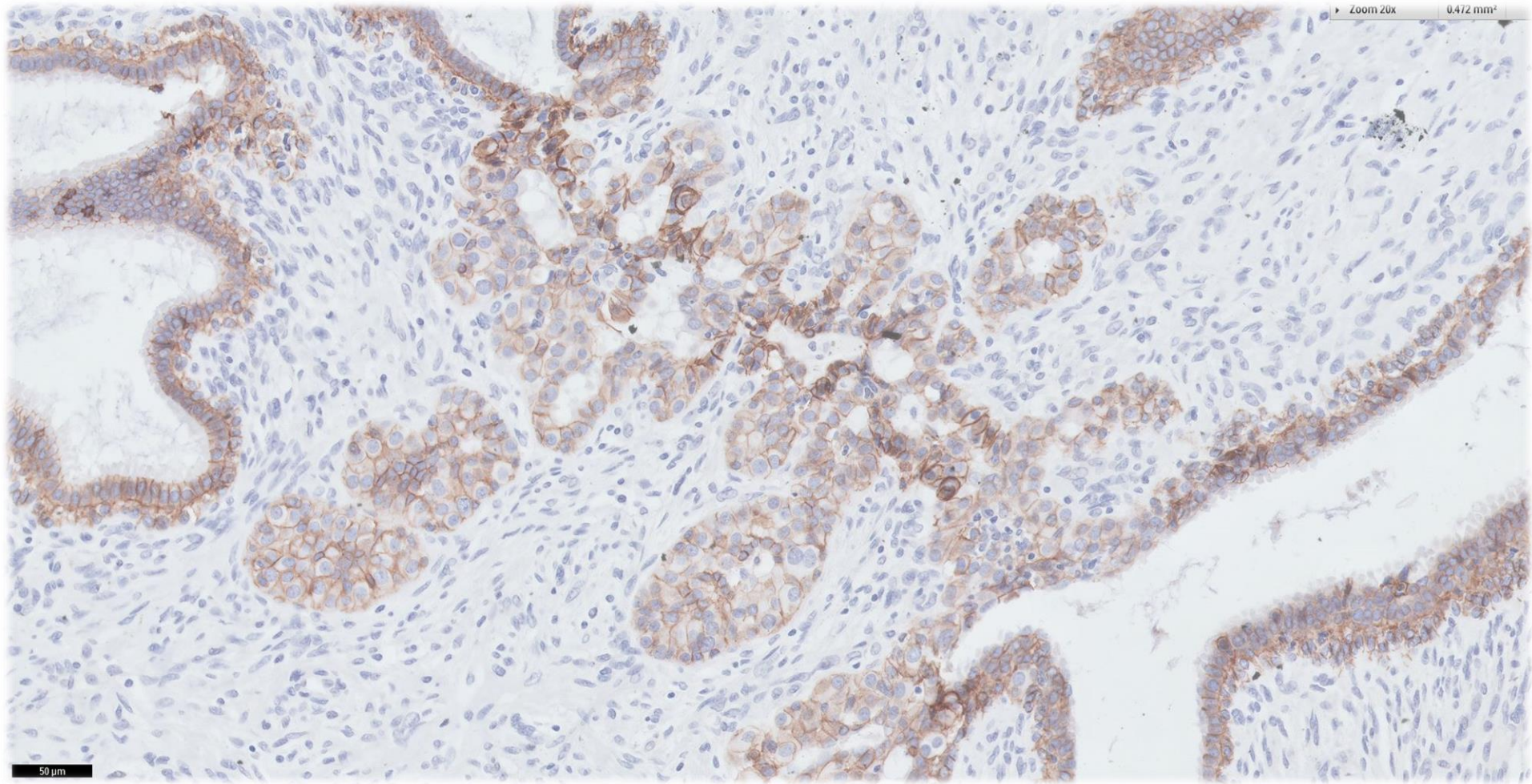


SMMS





E-cadherin



Diagnosis

- Recurrent borderline phyllodes tumour.
- Multiple foci of invasive ductal carcinoma, grade 1, with the largest focus 3mm, ER positive, PR negative, cerbB2 negative.
- Multiple foci of lobular carcinoma in situ and ductal carcinoma in situ, low nuclear grade, without necrosis.



Phyllodes tumour with cancer

- Rare coexistence of carcinoma with phyllodes tumour.
- Aetiology is uncertain, likely coincidental.
- Cancer confined within phyllodes tumours tends to be discovered at an early stage, leading to improved prognosis.
- Need to examine surrounding tissue for abnormal epithelial alterations.

Phyllodes tumour with cancer

No.	Age	Ethnicity	Type of PT	Size of PT (cm)	Type of carcinoma	Size of Carcinoma (cm)	Association	Lymph nodes involved	Study
1	39	Italian	Malignant	9	DCIS	Unknown	Within	0	Alo (2001) ⁽¹⁵⁾
2	47	Japanese	Benign	17	ILC	Unknown	Within	0	Kodama (2003) ⁽¹⁶⁾
3	26	Unknown	Benign	3.3	IDC/DCIS	Unknown	Within	4/13	Parfitt(2004) ⁽¹⁷⁾
4	45	Chinese	Malignant	12	DCIS	Unknown	Within	0	Lim (2005) ⁽¹⁸⁾
5	59	Japanese	Malignant	3.5	Undifferentiated	Unknown	Within	0	Tokudome (2005) ⁽⁵⁾
6	69	Indian	Benign	NA	Squamous cell carcinoma	Unknown	Within	0	Ramdass (2006) ⁽¹⁹⁾
7	75	Japanese	Malignant	3.5	DCIS	Unknown	Within	0	Nomura (2006) ⁽¹⁴⁾
8	65	Japanese	Malignant	6	IDC	Unknown	Within	0	Sugie (2007) ⁽²⁰⁾
9	51	Indian	Malignant	16	IDC/DCIS	Unknown	Within and adjacent	2/12	Korula (2008) ⁽²¹⁾
10	54	Japanese	Benign	15	DCIS	Unknown	Within	0	Yamaguchi (2008) ⁽²²⁾
11	24	Chinese	Borderline	10	IDC/DCIS	2.5	Within	1/2	Kuo (2010) ⁽²³⁾
12	70	Caucasian	Malignant	6	IDC	2.5	Within	0	Macher-Goeppinger (2010) ⁽²⁴⁾
13	49	Caucasian	Benign	4.8	ILC/LCIS	0.2	Within	0	Shirah (2011) ⁽²⁵⁾
14	53	Caucasian	Borderline	6.5	IDC/LCIS	2.4	Within	0	Quinlan-Davidson (2011) ⁽²⁶⁾
15	42	Indian	Benign	2.2	DCIS	Unknown	Within	0	Ghosh (2014) ⁽²⁷⁾

