

Table S7. Patient (n= 70) and tumor characteristics		
Age (in years) mean (SD), range		
At Primary	56.6 (12.3), 37 - 84	
At Recurrence	64.1 (12.6), 39 - 90	
Menopausal n (%)		
At Primary	13 (38%)	
At Recurrence	21 (58%)	
TTR¹ (in months) mean (SD), range	67.8 (59.5) 10-252	
Tumors		
	Primary² (34)	Recurrent³ (36)
ER status n (%)		
+	26 (76.5)	19 (52.8)
-	8 (23.5)	17 (47.2)
PR status n (%)		
+	20 (58.8)	16 (44.4)
-	14 (41.2)	20 (55.6)
HER2 status n (%)		
+	5 (14.7)	9 (25)
-	29 (85.3)	27 (75)
Ki67 IHC n (%)		
low (≤ 15)	26 (76.5)	20 (55.6)
high (> 15)	8 (23.5)	16 (44.4)
Tumor Grade n (%)⁴		
0	5 (15.1)	5 (15.1)
1	5 (15.1)	2 (6.1)
2	11 (33.3)	5 (15.1)
3	12 (36.3)	21 (63.6)
Tumor Type n (%)		
DCIS	5 (14.7)	5 (13.9)
IDC	23 (67.6)	26 (72.2)
ILC	4 (11.8)	4 (11.1)
IDLC	2 (5.9)	1 (2.8)
Tumor Size n (%)⁴		
≥ 20 mm	13 (48.2)	13 (52)
< 20 mm	14 (51.8)	12 (48)
Anti-hormonal Therapy n (%)⁴		
No	7 (30.4)	NA
Yes, Tam	4 (17.4)	NA
Yes, AI	7 (30.4)	NA
Yes, Tam & AI	5 (21.8)	NA
¹ TTR = time to recurrence; ² Primary tumors include the 8 non-recurrent tumors ³ Recurrent tumors include two metastatic tumors; ⁴ Indicates that data are missing for some samples; percentages are calculated on the available data		