

Table S1 – Overall study population and biomarker population characteristics.

	All Patients		Patient with tumor samples	
	N	%	N	%
	83	-	58	-
Age, median (range)	49 (22-78)		49 (22-74)	
Tumor size (mm), median (range)	30 (10-80)		30 (10-80)	
Clinical nodal status				
N0	40	48.2 %	23	39.6%
N1	30	36.1 %	23	39.6%
N2	8	9.6 %	8	13.8%
N3	1	1.2 %	1	1.7%
Nx	4	4.9 %	3	5.1 %
Hormone receptor (HR) status				
Negative	26	31.3 %	18	31.1 %
Positive	57	68.7 %	40	68.9 %
Menopausal status				
Pre-menopausal	54	65.1 %	39	67.2 %
Post-menopausal	29	34.9 %	19	32.7 %
Tumor stage				
II	65	78.3 %	44	75.9 %
III	18	21.7 %	14	24.1%
Histologic grade				
1	5	6.0 %	3	5.1 %
2	28	33.7 %	15	28.8 %
3	32	38.6 %	27	46.5 %
Unknown	18	21.7 %	13	22.4 %