

Supplementary Table 1. Mucin expression and clinicopathological parameters of invasive ductal carcinomas

		MUC1			MUC2			MUC5AC			MUC6		
		Positive	Negative	<i>p</i> -value	Positive	Negative	<i>p</i> -value	Positive	Negative	<i>p</i> -value	Positive	Negative	<i>p</i> -value
Vascular invasion [†]	+	14	3	0.082	1	16	1.000	1	15	0.561	3	14	0.452
	-	192	11		13	197		10	201		25	183	
Distant metastasis [†]	+	50	2	0.526	2	50	0.525	2	49	1.000	8	43	0.279
	-	140	12		12	147		7	153		16	142	
T stage [†]	1	58	5	0.881	3	65	0.372	3	63	0.917	6	59	0.230
	2	130	7		9	127		7	131		18	120	
	3	18	2		2	19		1	20		4	17	
	-	173	6		13	171		9	175		23	160	
EIC [†]	+	36	1	0.474	1	38	0.474	2	36	0.896	6	32	0.493
	-	170	13		13	175		9	180		22	165	
Necrosis [†]	+	87	7	0.570	4	92	0.404	6	90	0.399	16	81	0.109
	-	119	7		10	121		5	126		12	116	
Perineural invasion [†]	+	33	3	0.706	4	31	0.240	7	31	0.071	3	30	0.775
	-	173	11		10	182		7	185		25	167	
Tumor border [†]	+	170	10	0.291	11	173	0.732	8	176	0.440	23	160	1.000
	-	36	4		3	40		3	40		5	37	
CK5/6 [†]	+	25	3	0.387	1	26	1.000	2	28	0.652	4	23	0.751
	-	174	10		13	174		9	178		22	165	
Paget's disease [†]	+	9	0	1.000	0	9	1.000	0	9	1.000	2	7	0.321

Some values were missed due to tissue loss.

EIC = extensive intraductal component; + = positive or present; - = negative or absent.

[†]Chi-square test and Fisher's exact test; [†]Linear by linear test