

Table 1 Association between immunolabeling results and clinicopathological characteristics

Parameters	p value			
	E-cadherin	Vimentin	Slug	Twist
Age	0.6	0.2	0.03	0.4
Menopausal Status	0.6	0.4	0.1	0.6
Grade	<0.001	0.007	0.01	0.1
Size	0.06	0.2	0.01	0.6
Lymph node status	0.8	0.8	0.09	0.5
TNM Stage	0.6	0.6	0.8	0.7

Table 2 Relationships of E-cadherin and Vimentin expression to Slug and Twist expression

Biomarkers	E-cadherin		p	Vimentin		p
	+	-		+	-	
Slug	+	22 (13.2%)	0.001	30 (18.0%)	17 (10.2%)	<0.001
	-	93 (55.7%)		27 (16.2%)	36 (21.6%)	
Twist	+	45 (26.9%)	<0.001	43 (25.7%)	37 (22.2%)	0.007
	-	70 (41.9%)		17 (10.2%)	23 (13.8%)	