

## Supplementary

**Table S1** The relationship between neoadjuvant treatment cycle, NLR before neoadjuvant therapy, last NLR before surgery, and  $\Delta$ -NLR and MPR

Variables	Total (n=106)	MPR (n=65)	Non-MPR (n=41)	P
Neoadjuvant therapy cycle, n (%)				0.81
2	89 (84.0)	54 (60.7)	35 (39.3)	
>2	17 (16.0)	11 (64.7)	6 (35.3)	
NLR before neoadjuvant therapy (median)	–	2.62	2.90	0.66
Last NLR before surgery (median)	–	1.74	2.47	0.003
$\Delta$ -NLR, n (%)				0.001
<1	74 (69.8)	55 (74.3)	19 (25.7)	
$\geq$ 1	32 (30.2)	10 (31.3)	22 (68.7)	

$\Delta$ NLR was defined as the ratio of the last NLR before surgery to the NLR before neoadjuvant therapy. NLR, neutrophil-to-lymphocyte ratio; MPR, major pathologic response.