

**Predictive Value of Pin1 in Cervical Low-Grade Squamous Intraepithelial Lesions and Inhibition of Pin1 Exerts Potent Anticancer Activity against Human Cervical Cancer**

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# SUPPLEMENTARY DATA

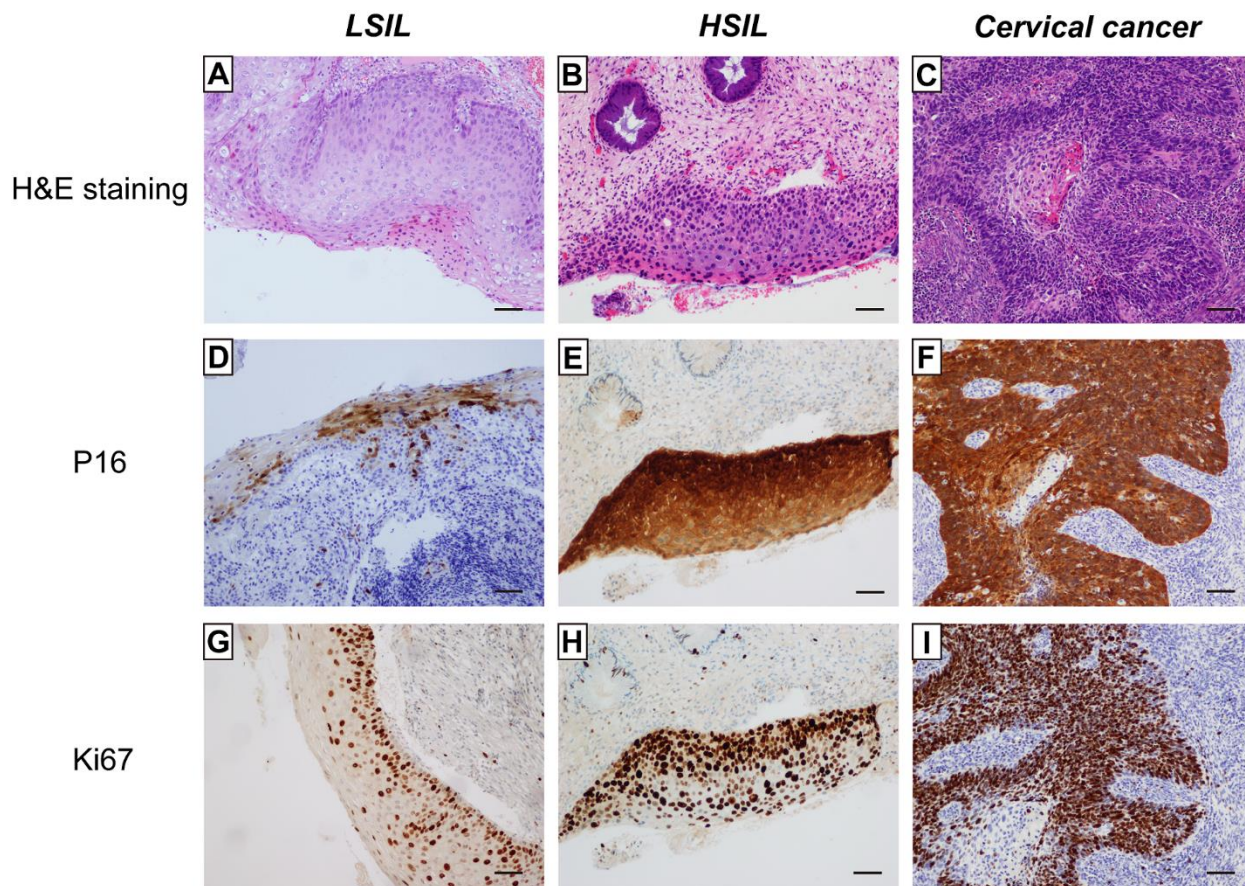
**Supplementary Table 1.** P16 and Ki67 expression according to Pin1 statuses in SILs.

Characteristics	No.	LSIL		P value	No.	HSIL		P value	
		<i>Pin1</i> Negative No. (%)	<i>Pin1</i> Positive No. (%)			<i>Pin1</i> Negative No. (%)	<i>Pin1</i> Positive No. (%)		
	No.	37	35			4	6		
p16	Negative	23	14	0.270	1	1	0	0.197	
	Positive	49	23		9	3	6		
Ki67	1%-25%	11	10	0.010	0	0	0	0.010	
	25%-50%	10	7		0	0	0		
	50%-75%	23	9		14	5	4		1
	>75%	28	11		17	5	0		5

**Supplementary Table 2.** Clinical trials of SIL patients.

Characteristics		LSIL	HSIL	P value
	No.	72	10	
Age (years)	<50	43	3	0.076
	≥50	29	7	
Colposcopic diagnosis	Normal/benign	21	0	<0.001
	LSIL	47	2	
	HSIL	4	8	
	MIC/invasive cancer	0	0	
Transformation zones	type I	28	1	0.034
	type II	23	2	
	type III	21	7	

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**Supplement Figure 1. H&E stain and IHC findings in LSIL, HSIL and SCC. (A-I)** Representative images of hematoxylin and eosin (HE) staining and p16 & Ki67 immunostaining of LSIL, HSIL and cervical cancer tissues. Scale bar = 50  $\mu$ m.