

**Supplementary Table 2.** Histological diagnosis of 201 cases with conclusive diagnosis results on HE+p16/Ki-67 IHC

	No.	HSIL vs. mimics	HSIL vs. LSIL	CIN3 vs. CIN2	HSIL vs. AIM/immature condyloma
Overall	201	144	44	10	3
HSIL/CIN3	85	78	6	1	0
HSIL/CIN2	30	1	20	9	0
HSIL (grade undetermined)	5	5	0	0	0
LSIL	18	1	17	0	0
Immature condyloma	3	0	0	0	3
Reactive atypia	14	13	1	0	0
NILM	46	46	0	0	0

HE, hematoxylin and eosin; IHC, immunohistochemistry; HSIL, high-grade squamous intraepithelial lesion; LSIL, low-grade squamous intraepithelial lesion; CIN, cervical intraepithelial neoplasia; AIM, atypical immature metaplasia; NILM, negative for intraepithelial lesion or malignancy.