

**Table S1. Demographic for Discovery and pre-validation phase studies**

Histopathology	Case Number	Age	
		Mean	± SD
In discovery phase			
Normal	19	46.5	± 12.67
AC	19	50.7	± 11.19
SCC	38	51.4	± 11.22
Total	76		
In pre-validation phase			
Normal	156	44.4	± 13.71
CIN1	55	42.1	± 9.48
CIN2	31	45.6	± 14.92
CIN3/CIS	47	47.3	± 11.56
SCC	41	55.4	± 13.28
Total	330		

Abbreviations: SD, Standard deviation; Normal, normal scrapings; AC, adenocarcinoma; SCC, squamous cervical carcinoma; CIN1, cervical intraepithelial neoplasia type 1, CIN2, cervical intraepithelial neoplasia type 2; CIN3, cervical intraepithelial neoplasia type 3; CIS, carcinoma *in situ*.