

Clinical performance of HPV detection and genotyping in urine samples

Supplementary Table 1. Characteristics of all patients include in this study

Histological-ly confirmed Lesion	Age	Cervical-based sampling					Urine-based sampling				
		HPV Genotyping	ANY HPV type (0: negative; 1: positive)	ANY HR-HPV type (0: negative; 1: positive)	ANY LR-HPV type (0: negative; 1: positive)	HPV16 (0: negative; 1: positive)	HPV Genotyping	ANY HPV type (0: negative; 1: positive)	ANY HR-HPV type (0: negative; 1: positive)	ANY LR-HPV type (0: negative; 1: positive)	HPV16 (0: negative; 1: positive)
CIN 1	24	16	1	1	0	1	18	1	1	0	0
CIN 1	29	18	1	1	0	0	33, 18, 39, 53, 70	1	1	0	0
CIN 2	40	16	0	0	0	1	18, 45	0	0	0	0
CIN 1	24	58	0	0	0	0	58	0	0	0	0
CIN 2	41	56	0	0	0	0	56	0	0	0	0
CIN 1	47	18	0	0	0	0	33, 18, 45	0	0	0	0
CIN 2	29	45	1	1	0	0	18, 51, 45, 6, 42, 11, 70	1	1	0	0
CIN 2	22	58	0	0	0	0	59	0	0	0	0
CIN 2	27	16	0	0	0	1	16, 18	0	0	0	1
SCC	56	16	0	0	0	1	16, 18	0	0	0	1
CIN 1	61	16, 52	0	0	0	1	0	1	0	1	0
CIN 1	27	18	0	0	0	0	18, 45, 6, 11	0	0	0	0
CIN 1	50	16	0	0	0	1	0	0	0	0	0
CIN 1	37	83	0	0	0	0	16, 56, 59, 45	0	0	0	1
CIN 1	47	45	0	0	0	0	16, 18, 52, 35, 45, 11	0	0	0	1
CIN 3	32	18	0	0	0	0	16, 18, 35, 11	0	0	0	1
CIN 3	28	16, 18, 56	0	0	0	1	16, 56, 18	0	0	0	1
CIN 3	23	16	0	0	0	1	0	0	0	0	0
CIN 3	35	68	0	0	0	0	42	0	0	0	0
CIN 3	34	45	1	1	0	0	0	0	0	0	0
CIN 1	44	45	0	0	0	0	16, 18	0	0	0	1
CIN 2	31	16	1	1	0	1	31	0	0	0	0
CIN 3	43	45	0	0	0	0	31	0	0	0	0
CIN 3	34	16, 18, 52	0	0	0	1	16, 18, 35	0	0	0	1
CIN 1	32	66	0	0	0	0	52, 66	1	1	0	0
CIN 2	31	16	0	0	0	1	0	1	0	1	0
CIN 2	26	16	0	0	0	1	16	0	0	0	1
CIN 3	37	16	0	0	0	1	18	0	0	0	0
SCC	38	16	0	0	0	1	16	0	0	0	1
CIN 1	40	66	1	1	0	0	0	0	0	0	0
CIN 3	31	16	0	0	0	1	16, 18	1	1	0	1
CIN 2	38	66	0	0	0	0	18	1	1	0	0
CIN 1	46	45	0	0	0	0	18	0	0	0	0

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CIN 1	61	16, 45	1	1	0	1	0	1	1	0	0
SCC	35	16	0	0	0	1	16, 42	0	0	0	1
CIN 1	52	16	0	0	0	1	0	0	0	0	0
CIN 3	40	16	0	0	0	1	16, 39, 53, 11	1	1	0	1
SCC	31	16	0	0	0	1	16, 58	1	0	1	1
CIN 3	40	52, 58	0	0	0	0	18, 53, 52, 45, 16, 35, 66, 11, 58, 56	0	0	0	1
CIN 1	42	58	0	0	0	0	18, 45, 16, 52, 11, 53	0	0	0	1
CIN 1	21	16	0	0	0	1	16, 18	0	0	0	1
CIN 2	29	16	1	1	0	1	16, 18	0	0	0	1
CIN 2	26	16	0	0	0	1	16, 52, 18, 35, 53, 11	1	1	0	1
CIN 3	35	16	0	0	0	1	59, 42	0	0	0	0
CIN 1	45	45	1	0	1	0	0	0	0	0	0
CIN 3	31	16	0	0	0	1	16	1	1	0	1
CIN 3	64	16	1	1	0	1	0	1	1	0	0
CIN 3	43	45	1	1	0	0	42	0	0	0	0
CIN 1	25	45	1	1	0	0	45	1	1	0	0
CIN 1	43	45	1	1	0	0	35	1	1	0	0
CIN 1	23	16	1	0	1	1	0	0	0	0	0
CIN 1	24	16	1	1	0	1	16	0	0	0	1
CIN 3	26	16	1	1	0	1	16, 42	0	0	0	1
CIN 3	41	46	1	1	0	0	56, 18, 31, 53, 11	1	1	0	0
CIN 2	23	58	1	1	0	0	58	0	0	0	0
CIN 1	27	16, 66	1	1	0	1	16, 52, 66, 53, 18, 42	1	1	0	1
CIN 2	57	16	0	0	0	1	58	0	0	0	0
CIN 1	34	16	1	1	0	1	16, 58	1	1	0	1
CIN 1	20	16	0	0	0	1	16, 33	0	0	0	1
CIN 2	32	45	1	1	0	0	16	0	0	0	1
CIN 2	33	45	0	0	0	0	31	1	1	0	0
CIN 1	25	52	1	1	0	0	16, 33, 18, 59	1	1	0	1
CIN 1	48	16	1	1	0	1	16, 18	1	1	0	1
CIN 1	38	0	1	1	0	0	0	0	0	0	0
CIN 3	49	16	1	0	1	1	16	1	0	1	1
CIN 1	23	0	1	1	0	0	59, 42	1	1	0	0
CIN 2	25	52	0	0	0	0	31	1	1	0	0
CIN 1	24	45, 56	1	1	0	0	56, 45, 6, 53	1	1	0	0
CIN 3	60	16	1	1	0	1	16	1	1	0	1
CIN 1	21	51	1	1	0	0	53	0	0	0	0

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CIN 3	40	16	1	1	0	1	0	0	0	0	0
CIN 1	32	0	1	1	0	0	0	1	1	0	0
CIN 2	35	18	1	0	1	0	16, 58, 18, 31, 45, 11	1	0	1	1
CIN 2	19	31	1	1	0	0	18, 31, 66, 53	0	0	0	0
CIN 1	46	35	0	0	0	0	0	0	0	0	0
CIN 1	24	16	0	0	0	1	16, 59, 35, 45, 42, 53	1	1	0	1
CIN 1	49	0	1	1	0	0	16, 18, 52, 66, 45, 6, 53	1	0	1	1
CIN 1	20	18, 45	0	0	0	0	18, 45	1	1	0	0
CIN 2	30	17	1	1	0	1	16	1	1	0	1
CIN 1	22	16	1	1	0	1	18, 45	1	1	0	0
CIN 1	35	45.16	1	1	0	1	35	1	1	0	0
CIN 1	38	16	1	1	0	1	0	1	1	0	0
CIN 2	35	0	1	1	0	0	16, 56, 33, 58, 18, 35, 45, 6, 42	0	0	0	1
CIN 1	21	16	1	1	0	1	16	1	1	0	1
CIN 1	35	0	1	0	1	0	11	1	1	0	0
CIN 1	33	0	1	1	0	0	56, 51	1	1	0	0
CIN 2	30	16, 18, 37	1	1	0	1	16, 33, 35, 42	1	1	0	1
CIN 1	19	70	1	1	0	0	70	1	1	0	0
CIN 1	26	16, 52	1	1	0	1	16	1	1	0	1
CIN 1	25	0	1	1	0	0	16, 18, 31, 35, 45, 6, 70	0	0	0	1
CIN 1	42	52	1	1	0	0	31, 6, 70	1	1	0	0
CIN 1	19	16	1	1	0	1	56, 6	1	1	0	0
SCC	52	16	1	1	0	1	16, 11	1	1	0	1
CIN 1	61	45	1	1	0	0	0	1	1	0	0
CIN 1	18	51	1	1	0	0	0	1	1	0	0
CIN 1	35	18	0	0	0	0	18, 45, 35	1	1	0	0
CIN 1	27	33, 59	1	1	0	0	59, 42, 35	1	0	1	0
SCC	46	16	1	1	0	1	0	1	1	0	0
CIN 1	17	51	1	1	0	0	51	1	1	0	0
CIN 2	52	16-18	1	1	0	1	56, 18, 31, 53	1	1	0	0
CIN 3	35	16	0	0	0	1	16, 18	1	0	1	1
CIN 1	19.	70	0	0	0	0	70	1	1	0	0
CIN 3	33	16	1	1	0	1	16, 11	1	1	0	1
SCC		16	1	1	0	1	16, 18	1	1	0	1
SCC	56	16	1	1	0	1	18	1	1	0	0
CIN 1	40	16	1	0	1	1	59, 42, 53	1	1	0	0
CIN 1	48	16	0	0	0	1	0	1	1	0	0

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CIN 1	23	0	1	1	0	0	0	1	1	0	0
CIN 3	55	31	1	1	0	0	59	1	1	0	0
CIN 2	50	52	1	1	0	0	52, 42, 53, 18, 16, 59, 45, 11	1	1	0	1
CIN 2	26	33	1	1	0	0	33, 42	1	1	0	0
CIN 3	33	52	1	1	0	0	42	1	1	0	0
CIN 3	45	31	0	0	0	0	16, 18, 52	1	1	0	1
SCC	35	0	1	1	0	0	58	1	1	0	0
CIN 3	58	0	1	1	0	0	42	1	1	0	0
CIN 3	36	0	1	1	0	0	0	1	1	0	0
CIN 1	30	0	1	1	0	0	52, 66	1	1	0	0
CIN 1	50	18	1	1	0	0	11	1	1	0	0
CIN 1	23	66	1	1	0	0	52, 66, 53	1	1	0	0
CIN 3	37	16	1	1	0	1	33, 18	0	0	0	0
CIN 3	21	16	1	1	0	1	16, 18, 11	1	1	0	1
CIN 1	23	0	1	0	1	0	58, 11	1	1	0	0
CIN 2	26	16	1	1	0	1	18	1	1	0	0
CIN 3	37	16	1	1	0	1	16, 11	1	1	0	1
CIN 1	20	0	1	1	0	0	56, 11	1	1	0	0
CIN 2	24	66	1	1	0	0	16, 18, 59, 52, 66, 42, 53, 11	1	1	0	1
CIN 3	60	33	1	1	0	0	11, 16, 18, 59	1	1	0	1
CIN 1	25	16	1	1	0	1	16	1	1	0	1
CIN 3	40	31,56,58	1	1	0	0	16, 18	1	1	0	1
CIN 3	34	0	1	1	0	0	16, 18, 59, 52, 35, 66, 45, 6, 42, 11	1	1	0	1
CIN 2	31	31	1	1	0	0	31, 35, 53, 18, 16	1	1	0	1
CIN 1	51	51	1	1	0	0	18, 53, 11, 16, 45, 35	1	1	0	1
CIN 1	40	16, 52	0	0	0	1	16, 52, 42	1	1	0	1
CIN 1	24	56	1	1	0	0	56, 35	1	1	0	0
CIN 1	55	58	1	1	0	0	16, 58, 18, 52, 31, 45, 11	1	1	0	1
CIN 2	33	16	1	1	0	1	16	1	1	0	1
CIN 1	25	0	1	1	0	0	58, 18, 51, 53	1	1	0	0
SCC	38	18	1	1	0	0	18	1	1	0	0
SCC	27	53	1	0	1	0	53	1	1	0	0
SCC	43	42, 53	1	1	0	0	16, 18, 35	1	1	0	1

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SCC	66	31	1	1	0	0	33, 58, 18, 31, 53	1	1	0	0
SCC	37	0	1	1	0	0	16, 18	1	1	0	1
SCC	75	0	1	1	0	0	16, 53	1	1	0	1
SCC	29	18	1	1	0	0	18, 42	0	0	0	0
No CIN	26	16	1	1	0	1	18	1	0	1	0
No CIN	47	16,45,58	1	1	0	1	58	0	0	0	0
No CIN	38	0	1	1	0	0	0	1	1	0	0
No CIN	39	0	1	1	0	0	0	1	1	0	0
No CIN	42	0	1	1	0	0	0	1	1	0	0
No CIN	32	0	1	1	0	0	0	1	1	0	0
No CIN	22	53	1	1	0	1	16	1	1	0	1
No CIN	27	0	1	1	0	0	0	1	1	0	0
No CIN	36	0	1	1	0	0	0	1	1	0	0
No CIN	38	0	1	1	0	0	0	1	1	0	0
No CIN	28	0	1	1	0	0	53	0	0	0	0
No CIN	49	0	1	1	0	0	0	1	0	1	0
No CIN	36	0	1	1	0	0	0	1	1	0	0
No CIN	22	0	1	1	0	0	0	1	1	0	0
No CIN	28	0	1	1	0	0	0	1	1	0	0
No CIN	43	0	1	1	0	0	0	1	1	0	0
No CIN	15	0	1	1	0	0	0	0	0	0	0
No CIN	41	0	1	1	0	0	0	1	1	0	0
No CIN	47	0	1	1	0	0	0	1	1	0	0
No CIN	32	11	1	1	0	0	0	1	1	0	0
No CIN	19	0	1	1	0	0	0	1	0	1	0
No CIN	28	56	1	1	0	0	0	1	1	0	0
No CIN	26	0	0	0	0	0	0	1	0	1	0
No CIN	20	0	0	0	0	0	0	0	0	0	0
No CIN	53	0	1	1	0	0	52	1	1	0	0
No CIN	40	0	1	1	0	0	42	1	1	0	0
No CIN	37	0	1	1	0	0	0	1	1	0	0
No CIN	34	0	1	1	0	0	0	1	1	0	0
No CIN	47	0	1	1	0	0	0	1	1	0	0
No CIN	27	58	0	0	0	0	0	1	1	0	0
No CIN	50	0	1	1	0	0	56	1	1	0	0
No CIN	21	0	1	1	0	0	16, 18, 51	1	1	0	1
No CIN	20	0	1	1	0	0	0	1	1	0	0
No CIN	21	35	1	1	0	0	16, 35	1	1	0	1
No CIN	24	0	1	1	0	0	0	1	1	0	0
No CIN	32	0	1	1	0	0	0	0	0	0	0

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No CIN	31	0	1	1	0	0	51	1	1	0	0
No CIN	53	0	1	1	0	0	53	1	1	0	0
No CIN	41	0	0	0	0	0	0	1	1	0	0
No CIN	42	0	1	1	0	0	0	1	1	0	0
No CIN	40	0	1	1	0	0	0	1	1	0	0
No CIN	56	16	1	0	1	1	0	1	1	0	0
No CIN	39	0	1	1	0	0	18	1	1	0	0
No CIN	24	0	0	0	0	0	0	1	1	0	0
No CIN	28	53	0	0	0	0	0	1	1	0	0
No CIN	28	0	1	1	0	0	18	1	1	0	0

CIN: Cervical Intraepithelial Neoplasia; SCC: Squamous Cervical Cancer