

Participant	visits with methylation data	cytology at the visits with methylation data	Persistent	Ethnic	HPV16 L2 % Methylation			
					Visit			
					CpG 4427	CpG 4437	CpG 4441	CpG 4894
1	4, 6, 7	ASCUS, ASCUS, NEG	YES	EA	0	10	1	4
2	4,5,6,7,9,10	visits 4-9 NEG, 10 LSIL	YES	EA	1	4	3	-
3	4,5,6,7	visits 4-6 NEG, 7 ASCUS	YES	EA	0	1	0	0
4	3, 4	NEG, NEG	NO	EA	8	10	10	
5	2,3,4,5,7	All NEG	YES	AA	0	1	1	7
6	4,5,6,8	NEG, LSIL, NEG, HSIL	YES	AA	-	-	-	6
7	1,3,4,5,6,8	All NEG except #5 ASCUS	YES	EA	-	-	-	0
8	1,3,4	LSIL, NEG, ASCUS	YES	AsAm	0	0	0	5
9	5,6,7	NEG, NEG, LSIL	YES	EA	0	0	0	-
10	7,8	NEG, NEG	NO	AA	0	1	1	3
11	4,5,6	NEG, NEG, NEG	YES	EA	2	1	17	0
12	5,8	ASCUS, ASCUS	YES	AA	-	-	-	21
13	3, 5, 6	LSIL, NEG, NEG	YES	EA	-	-	-	22
14	3,4	NEG, NEG	NO	AA	0	1	1	-
15	2,3,6	NEG, NEG, NEG	YES	EA	0	0	0	-
16	2,3,4	NEG, NEG, NEG	YES	EA	6	27	23	-
17	3,4	NEG, NEG	YES	AA	-	-	-	57
18	3,5,6,7	LSIL, NEG, NEG, NEG	YES	EA	40	79	81	-
19	1,5	NEG, NEG	YES	EA	41	70	67	62
20	1,3	NEG, NEG	YES	EA	38	53	47	-
21	1,2	LSIL, NEG	NO	EA	12	16	13	12
22	4,6	NEG, NEG	YES	EA	41	55	50	64
23	2,4,5,6	NEG, ASCUS, NEG, HSIL	YES	AA	40	67	72	34
24	3,4,7	ASCUS, NEG, NEG	YES	EA	31	46	45	-
25	1,4,7	NEG, NEG, NEG	YES	AA	47	61	66	46
26	2,3	ASCUS, LSIL	YES	EA	48	69	70	53
27	7, 8	NEG, LSIL	YES	EA	27	40	29	51

2 HSIL = 2.4%
9 LSIL = 11.0%

10 ASCUS = 12.2%
61 NEG = 74.4%

	HPV16 L2 % Methylation					HPV16 L2 % Methylation				
	Visit					Visit				
CpG 4906	CpG 4427	CpG 4437	CpG 4441	CpG 4894	CpG 4906	CpG 4427	CpG 4437	CpG 4441	CpG 4894	
4	1	11	13	0	2	0	0	0	0	
-	0	5	0	-	-	11	36	32	3	
6	1	1	0	-	-	1	1	1	5	
	1	1	0	-	-					
0				8	1	6	6	1	10	
4	0	0	0	8	0	0	1	1	0	
0	8	4	8	29	15	1	1	0	0	
5	1	0	0	-	-	1	13	15	5	
-	9	2	0	12	0	0	5	0	4	
4	3	3	0	0	3					
8	0	0	0	9	6	-	-	-	7	
19	0	0	0	3	5					
-	0	1	0	2	2	10	23	23	-	
-	1	1	1	-	-					
-	1	1	0	6	6	0	0	0	0	
-	5	23	18	-	-	7	57	32	-	
76	-	-	-	67	69					
-	-	-	-	75	76	-	-	-	55	
68	49	66	71	49	-					
-	-	-	-	47	44					
15	28	40	30	54	48					
63	16	20	14	-	-					
31	-	-	-	64	62	59	76	85	62	
-	17	22	26	54	49	-	-	-	62	
31	54	73	80	41	40	-	-	-	42	
66	38	59	77	58	55					
59	-	-	-	11	10					

	HPV16 L2 % Methylation					HPV16 L2 % Methylation				
	Visit					Visit				
CpG 4906	CpG 4427	CpG 4437	CpG 4441	CpG 4894	CpG 4906	CpG 4427	CpG 4437	CpG 4441	CpG 4894	
0										
14	6	29	26	26	-	28	56	61	-	
0	1	1	0	5	0					

7	1	8	12	7	4	0	1	0	8
3	8	7	13	1	3				
6	1	2	1	3	2	0	0	0	7

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44	-	-	-	64	69
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47	32	37	40	-	-
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HPV16 L2 % Methylation					
Visit					
CpG 4906	CpG 4427	CpG 4437	CpG 4441	CpG 4894	CpG 4906
-	3	75	4	0	12

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7	2	7	7	0	0
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