

# Characteristics of HPV Integration in Cervical Adenocarcinoma and Squamous Carcinoma

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**Supplementary Table S1** Relationship between genomic elements features of integration sites and HPV type.

	HPV type	AC						SCC					
		total	Negative		Positive		Pvalue	total	Negative		Positive		Pvalue
			num	%	num	%			num	%	num	%	
	HPV16	96	24	25	72	75		571	292	51.1	279	48.9	
DHS	HPV18	64	25	39.1	39	60.9	0.161	21	9	42.9	12	57.1	0.667
	others	9	3	33.3	6	66.7		93	50	53.8	43	46.2	
	HPV16	96	79	82.3	17	17.7		571	526	92.1	45	7.9	
EnhS	HPV18	64	56	87.5	8	12.5	0.722	21	18	85.7	3	14.3	0.446
	others	9	8	88.9	1	11.1		93	87	93.5	6	6.5	
	HPV16	96	32	33.3	64	66.7		571	313	54.8	258 <sup>a</sup>	45.2	
TFBS	HPV18	64	30	46.9	34	53.1	0.204	21	7	33.3	14 <sup>a</sup>	66.7	<b>0.002</b>
	others	9	4	44.4	5	55.6		93	65	69.9	28 <sup>b</sup>	30.1	
	HPV16	96	91	94.8	5	5.2		571	547	95.8	24	4.2	
Tss	HPV18	64	62	96.9	2	3.1	0.443	21	21	100	0	0	0.087
	others	9	8	88.9	1	11.1		93	93	100	0	0	
	HPV16	96	78	81.3	18	18.8		571	512	89.7	59	10.3	
H3K4me1	HPV18	64	55	37.9	9	14.1	0.27	21	17	81	4	19	0.165
	others	9	6	66.7	3	33.3		93	87	93.5	6	6.5	
	HPV16	96	83	86.5	13	13.5		571	534	93.5	37	6.5	
H3K4me2	HPV18	64	59	92.2	5	7.8	0.499	21	20	95.2	1	4.8	0.268
	others	9	8	88.9	1	11.1		93	91	97.8	2	2.2	
	HPV16	96	88	91.7	8	8.3		571	544	95.3	27	4.7	
H3K4me3	HPV18	64	61	95.3	3	4.7	0.434	21	21	100	0	0	0.21
	others	9	8	88.9	1	11.1		93	92	98.9	1	1.1	