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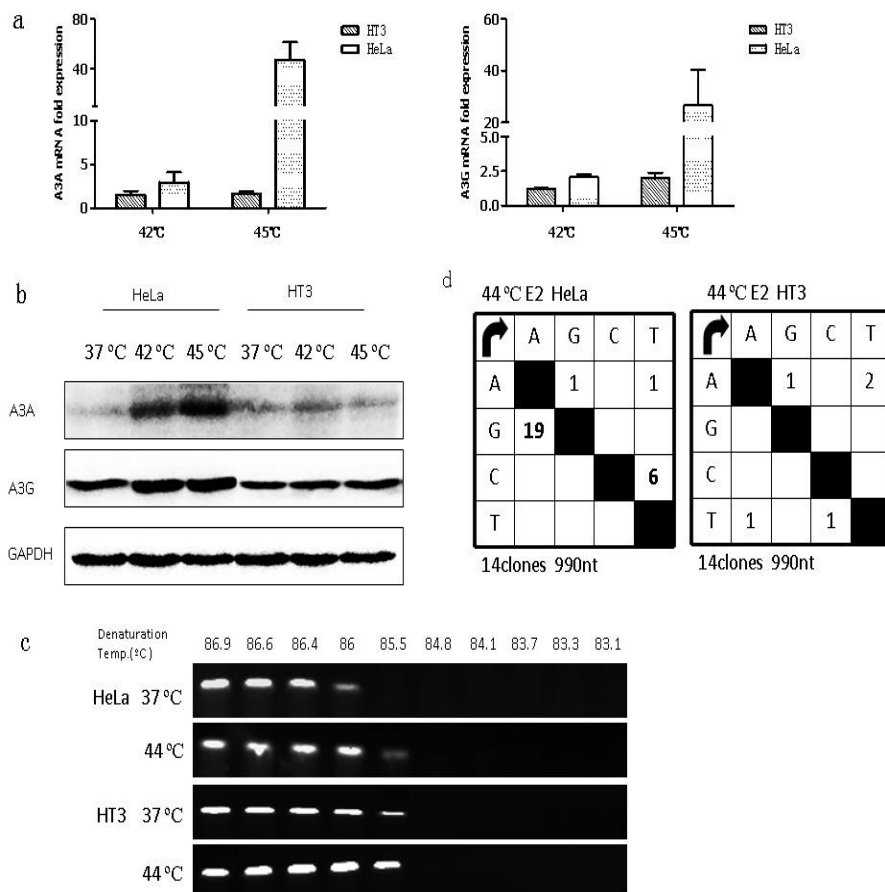
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SUPPLEMENTAL FIGURES LEGENDS

Figure S1 Cervical cancer cells exposure to different temperatures affected APOBEC3A (A3A) and A3G expression (a, b) A3A and A3G mRNA and protein levels were measured by real-time PCR and western blot at 42 °C and 45 °C in HeLa and HT3 cells. (c) 3D-PCR assay was performed to analyze the amplification products at a lower denaturation temperature in HeLa and HT3 cells subjected to hyperthermia. (d) The number of mutations for the edited HPV E2 genomes was presented below the matrix.



Supplementary Table S1. Clinical characteristics of the patients with condyloma acuminata

	Gender	Age	Number of warts	HPVsubtype
P1	Female	65	7	HPV11
P2	Male	23	8	HPV6
P3	Female	16	6	HPV6/11/31
P4	Female	45	5	HPV6
P5	Female	52	9	HPV6/11
P6	Male	72	extensive giant lesions	HPV6/11/16/18

Supplementary Table S2. Primer sequences of APOBEC3A/3G siRNA.

Name	Sense (5'->3')	Antisense (5'->3')
A3A-siRNA1	UGACCUACGAUGAAUUUAAtt	UUAAAUUCAUCGUAGGUCAtg
A3A-siRNA2	GGCUUCAUAUCUAGACUAAtt	UUAGUCUAGAUUAUGAAGCCaa
A3G-siRNA1	CAACCAGGCUCCACAUAAtt	UUUAUGUGGAGCCUGGUUGca
A3G-siRNA2	GGAAUAAUCUGCCUAAAUAAtt	UAUUUAGGCAGAUUAUCCaa