

Supplementary Table 3. Analysis of virus breakpoints based on WGS data of HeLa and HCC using VIRIN pipeline

Sample	Accession No.	No. of reads	Chr	Position	Virus	Species	Family
Hela	SRR5009881	82	8	127,222,011 127,218,387 127,229,303	NC_001357.1	Alphapapillomavirus 7 (or Human papillomavirus 18)	<i>Papillomaviridae</i>
HCC	ERR173408 and ERR18116 7	27	17	10,110,360 10,366,141	NC_003977.2	Hepatitis B virus	<i>Hepadnaviridae</i>

WGS, whole genome sequencing; HCC, hepatocellular carcinoma.