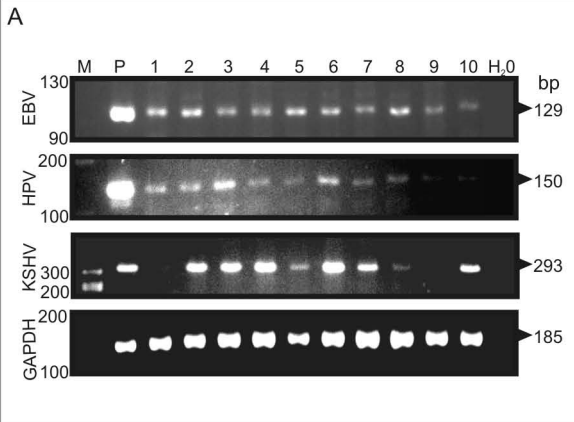




B

HPV Types	Nucleotide position	Nucleotide		Amino Acid	
		Prototype	Variant	Original	Altered
16	6650	T	G	I	P
	6651	A	C	I	P
	6652	C	A	A	A
	6659	G	T	E	Y
	6660	G	T	E	Y
18	6731	G	A	I	I
45	6710	T	G	P	P
	6719	G	T	Y	P
39	6734	C	G	S	P
	6738	C	A	A	A
	6741	C	T	G	G
	6744	C	T	Y	Q
	6750	G	A	Q	Q
	6762	A	G	C	C
68	6768	A	T	C	C
	2712	T	G	H	P
	2713	T	C	H	P
	2716	G	A	A	A
	2737	G	A	I	I
	2740	A	G	C	C
	2746	A	T	C	C

C

Virus	Primer Sequence	Target	Size (bp)	Reference
HPV	5'TTTGTTACTGTGGTAGATACTAC-3' 3'-CTTATACTAAATGTCAAATAAAAAG-5'	L1	150	35
CMV	5'GTGGTGGACTTTGCCAGCCTGTACCC-3' 5'TAAACATGGAGTCCGTGTCGCCGTAGATGA-3'	Polymerase	604	31
EBV	5'CCAGACAGCAGCCAATTGTC-3' 5'GGTAGAAGACCCCTCTTAC-3'	BamH1W	129	30
JC	5'GAAGAACCCAAAACATATTTGTTGAAA-3' 5'GCCTAACTGGAGACAATCTAGAATAATAGTC-3'	VP2/VP3	133	33
BV	5'AAATCCATTTTATCTAATATATG-3' 5'CATATATTAGATAAAATGGATTT-3'	Large T Ag	370	33
KSHV	5'CCATCTCCTGCATTGCCAC3' 5'AACACGGTTGGCGAAGTCA-3'	ORF-72	293	34
Probes				
HPV-16	5'GCAAACCACCTATAGGGGAACACTGGGGCA	L1		35
HPV-18	5'TGGTTCAGGCTGGATTGCGTCGAAGCCCA	L1		35
EBV-	5'AGACACCGTCCTCACCACCCGGGACT	EBER		30
KSHV-	5'TCTGACTCTGTATTGGGACC	ORF-72		34