

**Appendix Table 3.** Primers designed for detection of viruses found in the RNA-Seq data.

Virus	Primer	Sequence
HPV41	HPV FWD	ATTATGTGGACCGTCGGA
	HPV REV 1	ATTGTGTTAAGACCATTGGC
	HPV REV 2	CAGTATGTGAATAAGCGGTGTC
Adeno-associated virus	ADV FWD	ATAACCTTACCAAGCACCATC
	ADV REV 1	ATGAGAGGAGAAGGATGGAA
	ADV REV 2	MTTCGGTGATTGATTGTTGG
Mammalian orthoreovirus S1	MRV FWD 1	GCATCAGTAGTGACTCCCTG
	MRV FWD 2	AGCATGTGGATAGGAGTAGT
	MRV REV	CGTGAAACTACGTGGATAAGA
Hepatovirus 'sotense'	Hepatovirus FWD	TGTTTCTGGTATGTGGAG
	Hepatovirus REV 1	GGGACTAACAGAACATCAA
	Hepatovirus REV 2	CCTCGTCTTAGAACACAACA