

Virus	Target gene	Primers and probe sequences (5'-3')	Product size (bp)	Thermoprofile	Reference
EHV-1	Viral DNA polymerase (ORF30)	F: CCACCCTGGCGCTCG R: AGCCAGTCGCGCAGCAAGATG P (G ₂₂₅₄): FAM-TCC GTC GAC TAC TC-MGB-NFQ P (A ₂₂₅₄): VIC-CATCCGTCAACTACTC-MGB-NFQ P (C ₂₂₅₄): NED-CATCCGTCCACTACTC-MGB-NFQ	145	95 °C (10 min.) 95 °C (15 sec.) 62°C (1 min.)	x55 Allen <i>et al.</i> , 2007 & Sutton <i>et al.</i> , 2020
EHV-1	gB	F: CATGTCAACGCACTCCCA R: GGGTCGGGCGTTTCTGT P: FAM-CCCTACGCTGCTCC-MGB-NFQ	63	95 °C (10 min.) 95 °C (15 sec.) 62°C (1 min.)	x45 Diallo <i>et al.</i> , 2006
EHV-4	gB	F: GGGCTATTGGATTACAGCGAGAT R: TAGAATCGGAGGGCGTGAAG P: VIC-CAGCGCCGTAACCAG-MGB-NFQ	58	95 °C (10 min.) 95 °C (15 sec.) 60°C (1 min.)	x45 Diallo <i>et al.</i> , 2007
EHV-2	gB	F: CCTCAACCTGACTGACATACCCA R: TTTAGAATAGAGCTCAATCACCTTAAAATC P: FAM-CACCATGATTACCCTGAACCTGTCTCTGGT-BHQ1	100	95 °C (10 min.) 95 °C (15 sec.) 60°C (1 min.)	x45 Brault <i>et al.</i> , 2010
EHV-5	gB	F: AACCCGCCGTGCATCA R: AGGCGCCACACACCCTAA P: FAM-ACAACACCACCAACCCCTTTCTGCTG-BHQ1	66	95 °C (10 min.) 95 °C (15 sec.) 60°C (1 min.)	x45 Hue <i>et al.</i> , 2014
EIV	M	F: AGATGAGYCTTCTAACCGAGGTCG R : TGCAAANACATCYTCAAGTCTCTG P: FAM-TCAGGCCCCCTCAAAGCCGA-BHQ1	102	95 °C (10 min.) 95 °C (15 sec.) 60°C (1 min.)	x45 Heine <i>et al.</i> , 2007

bp: base pair; EHV: Equid Herpesvirus; EIV: Equine Influenza Virus; gB: glycoprotein B; ORF: Open Reading Frame; F: Forward; R: Reverse; P: Probe