

MMRRC UNC – Genotyping Protocol

MMRRC Strain ID	71752
MMRRC Strain Name	FVB/NJ-Tg(HHV8)197Dtmr/Mmnc
Gene Name(s)	human herpes virus 8
Breeding Protocol(s)	Sib-mating (Tg males do not pass mutation to male progeny)
Protocol Date	2/19/2026

PCR Reaction

	1X
ddH ₂ O	12.5
5X Buffer	5
25mM MgCl ₂	2
10mM dNTPs	0.5
10uM Primer 1	1
10uM Primer 2	1
Taq	1
DNA	2

Thermal Cycler:

Step 1: 94C, 5min

Step 2: 94C, 45sec

Step 3: 57C, 45sec

Step 4: 72C, 60sec

Step 2 to 4 Cycles: 30

Step 5: 72C, 7min

Taq: **Apex Taq**

Bands: WT: No Band Tg+: 198bp

Primer sequences 5' to 3': Primers are 10uM with respect to each primer

HHV8(71752)F: GCCTCATACGAACTCCAGGT

HHV8(71752)R: GAGCCATAATCTTGCACGG