

**Table 5.** Primers for the generation of transgenic parasites and RT-PCR

<b>Primer name</b>	<b>Sequence (5' to 3')</b>	<b>Description</b>
<i>Chtp</i> F (P1)	CCC <u><i>CTAAG</i></u> TTTTTTATGGTGTGGAAAAAATAGCCA	AflII
<i>Chtp</i> R (P2)	CGG <u><i>GATC</i></u> CTTTTTCTAAATTTTGTAAGTATATTTAAA	BamHI
<i>mCherry</i> F (P3)	<u><i>GGATCC</i></u> ATGGTGAGCAAGGGCGAGGAGG	BamHI
<i>mCherry</i> R (P4)	<u><i>GGATCC</i></u> TACTTGTACAGCTCGTCCATG	BamHI
230p INT F (P5)	CAATATGTAATTTTGACTATAAT	
<i>Tgdhfr/ts</i> 5'UTR R (P6)	GATGTGTTATGTGATTAATTCATACAC	
230p WT R (P7)	GGCGGTAATTGAAAAATAAAG	
<i>gfp</i> RT-PCR F	CCTGTCCTTTTACCAGACAACCA	
<i>gfp</i> RT-PCR R	GGTCTCTCTTTTCGTTGGGATCT	
<i>Tub</i> RT-PCR F	TTTTGCCTAGAACACGGAATCC	
<i>Tub</i> RT-PCR R	TACATCACCACCTGCCACAA	

Where appropriate, target restriction sites are shown as underlined italics. The appropriate restriction enzyme is presented in the description column. F, forward; R, reverse. All primers are shown in a 5' to 3' direction.