

## *Theileria Parva* Satellite Markers and Antigen Primers

Marker	Chromosome	Primer Forward (5' - 3')	Primer Reverse (5' - 3')
ms 2	1	GCC CAA TGT ACC GAG AAT CCT CAC	ATT CTC CGC ATT CTC CAC CAC CTC
ms 9	3	CTG GTT CCT CAT CTT CAC ACT A	CTT TCC AGA ACC TAC AAT CAC
MS 3	1	CCA CCG TAA CCC TCT ATA CCA T	GAC ATC TCC CTC AAA TCA GAC TC
MS 7	1	GTT CAG TCC TAT GGC AAT TCA G	CAA ACC TCT TCA AAT TCA CTC TAG G
MS 8	1	GCC TCC TCA AGC AAT TCA GTA	CTG GTT CAA ACA CAT CAA GGT ACA
MS 14	2	ATG CCA ATT CGG TAA AGG TCT CCG	GCA TAT CTC AGT CAA GCC AAC ATC
MS 15	2	CAA GAG ATC AAT GGC TCC TAC TC	CTC TTC CCC TCT TTT CCC TCT AC
MS 19	2	CCA GAC ACC TCA AAT CCC AAG TA	CCA CAC TGC CAC CTA ATA CAA A
MS 21	3	GAT GAG CAC AAG GAG TTC CTG GTG	GAC GGC GTC TGA GAT GGC GAT GAC
MS 25	3	ACA CAC CCA TCA ACG TAG TAA C	CAC CAT CAC ACT CTT AAC CAT
MS 27	3	CCG CCA CCT CAG TCT CGA GA	CAC AAC TCA CAC CGG AAT CTC AC
MS 30	3	CAA GAA AGT CTA AAC TCG ACT G	TAT CTC TGG GCA CTC AGA AC
MS 33	4	CTC ATT ACC ACT CTA CCC ATC GC	CAT GGT CCA TCT TCA TCT GGT CC
MS 39	4	CCA ATC AAC ATC AAC TAC TCC	CGA ACT CCA AAC GAT CTA AAC
MS 40	4	CGG TGG AGG CTC GGA TGT GTG C	GCA GGA TCA ACA TCG CCA ACC AC

<i>T. parva</i> antigen	Primer Forward (5' - 3')	Primer Reverse (5' - 3')
TP 1	ATG GCC ACT TCA ATT GCA TTT GCC	GAA GCT CAT AAA TAT TTC ATT TAA
TP 2	ATG AAA TTG GCC GCC AGA	GGA GAA GCC TCC GGC ACT TCA TAG

ms = Microsatellite, MS = Minisatellite, TP = *Theileria parva*