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S2 Table. Microsatellite markers and PCR primers used for the PCR assay

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Marker	Chromosome (position) ^a	Repeat Reason (s)	Primer Sequence ^b	Band size (bp)
<i>TUB2</i>	IX (974608 to 974896)	[TG/AC] _n	(F) 5' 6-FAM-GTCCGGGTGTTCTACAAAA 3' (R) 5' TTGGCCAAAGACGAAGTTGT 3'	287-291
<i>W35</i>	II (633241 to 633482)	[TC/AG] _n , [TG/AC] _n	(F) 5' HEX-GGTTCACTGGATCTTCTCCAA 3' (R) 5' AATGAACGTGCTTGTTC 3'	242-248
<i>TgM-A</i>	X (4824879 to 4825083)	[TG/AC] _n	(F) 5' HEX-GGCGTCGACATGAGTTTCTC 3' (R) 5' TGGGCATGTAAATGTAGAGATG 3	203-211
<i>B18</i>	VIIa (2921536 to 2921693)	[TG/AC] _n	(F) 5' 6-FAM-TGGTCTTACCCTTTCATCC 3' (R) 5' AGGGATAAGTTTCTTCACAACGA 3'	156-170
<i>B17</i>	XII (6474746 to 6475079)	[TC/AG] _n	(F) 5' HEX-AACAGACACCCGATGCCTAC 3' (R) 5' GGCAACAGGAGGTAGAGGAG 3	334-366
<i>M33</i>	IV (672591 to 672760)	[TC/AG] _n	(F) 5' 6-FAM- TACGCTTCGCATTGTACCAG 3' (R) 5' TCTTTTCTCCCCTTCGCTCT 3'	165-173
<i>IV.1</i>	IV (742419 to 742693)	[TG/AC] _n	(F) 5' HEX-GAAGTTCGGCCTGTTCTC 3' (R) 5' TCTGCCTGGAAAAGGAAAGA 3'	272-282
<i>XI.1</i>	XI (189702 to 190058)	[TG/AC] _n	(F) 5' 6-FAM-GCGTGTGACGAGTTCTGAAA 3' (R) 5' AAGTCCCCTGAAAAGCCAAT 3'	354-362
<i>M48</i>	Ia (332951 to 333166)	[TA/AT] _n	(F) 5' 6-FAM-AACATGTCGCGTAAGATTTCG 3'	209-243

3				(R) 5' CTCTTCACTGAGCGCCTTTC 3'	
4	M102	VIIa (3093491 to 3093664)	[TA/AT] _n	(F) 5' NED-CAGTCCAGGCATACCTCACC 3'	164-196
5				(R) 5' CAATCCCAAATCCCAAACC 3	
6	N60	Ib (1766079 to 1766221)	[TA/AT] _n	(F) 5' NED-GAATCGTCGAGGTGCTATCC 3'	132-157
7				(R) 5' AACGGTTGACCTGTGGCGAGT 3	
8	N82	XII (1621472 to 1621585)	[TA/AT] _n	(F) 5' HEX-TGCGTGCTTGTCAGAGTTC 3'	105-145
9				(R) 5' GCGTCCTTGACATGCACAT 3	
10	AA	VIII (5836880 to 5837144)	[TA/AT] _n	(F) 5' NED-GATGTCCGGTCAATTTTGCT 3'	251-332
11				(R) 5' GACGGGAAGGACAGAAACAC 3'	
12	N61	VIIb (4217145 to 4217238)	[TA/AT] _n	(F) 5' 6-FAM-ATCGGCGGTGGTTGTAGAT 3'	79-123
13				(R) 5' CCTGATGTTGATGTAAGGATGC 3'	
14	N83	X (1772898 to 1773209)	[TA/AT] _n	(F) 5' 6-FAM-ATGGGTGAACAGCGTAGACA 3'	306-338
15				(R) 5' GCAGGACGAAGAGGATGAGA 3'	

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17 a) Based on the position within each chromosome of the ME49 strain, as indicated on the Toxo DB website (<http://toxodb.org>). b) (F), direct initiator; (R), reverse primer. In each primer, the direct
 18 primer was labeled in part 5 with fluoroscein: 6-carboxyfluorescein (6-FAM) for MS TUB2, XI.1, B18, N83, N61, M33 and M48, hexachlorofluorescein (HEX) for MS TgM -A , B17, N82, W35
 19 and IV.1 and 2,7,8-benzo -5-fluoro-2, 4,7-trichloro-5-carboxyfluorescein (NED) for MS AA, N60 and M102. SOURCE: Ajzenberg et al., (2010).

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