

# Acaricide Resistance Development in *Rhipicephalus (Boophilus) microplus* (Acari: Ixodidae) Populations against Amitraz and Deltamethrin on Communal Farms of the King Sabata Dalindyebo Municipality, South Africa

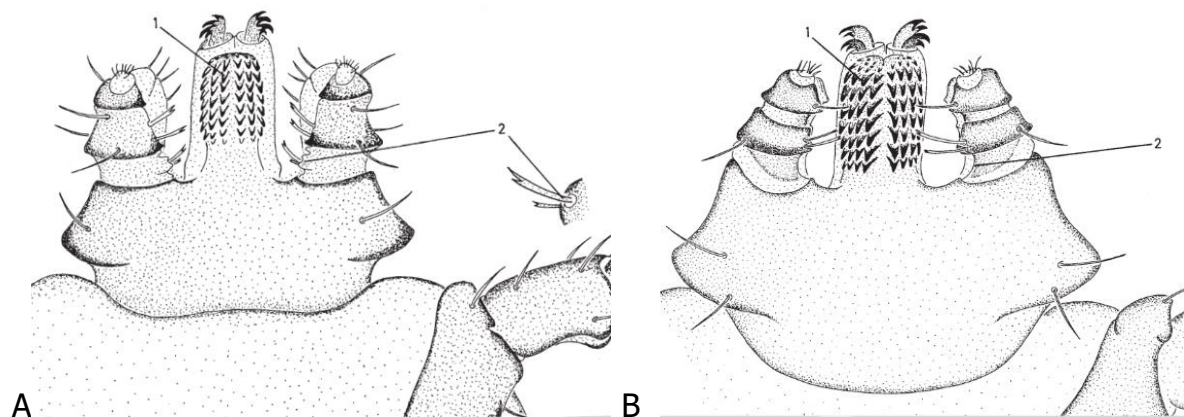
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**Supplementary Figure S1:** Morphological keys used in the identification of *Rhipicephalus Boophilus* species, Walker et al. (2003). A: *Rhipicephalus B. microplus*; B: *Rhipicephalus B. decoloratus*.

Sequences producing significant alignments			Download		Select columns		Show	100	?
<input checked="" type="checkbox"/> select all 100 sequences selected			<a href="#">GenBank</a>		<a href="#">Graphics</a>		<a href="#">Distance tree of results</a>		<a href="#">MSA Viewer</a>
	Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate HAI2 internal transcribed spacer 2, partial sequence</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1148	<a href="#">MK224566.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate HE1 internal transcribed spacer 2, partial sequence</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1151	<a href="#">MK224560.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate JX-2 voucher NCCDCITS171 5.8S ribosomal RNA gene, partial sequence; intern...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1342	<a href="#">MG721035.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus clone 60_8908_763 18S ribosomal RNA gene, internal transcribed spacer 1, 5.8S riboso...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	8908	<a href="#">KY457506.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate 11-2 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2, c...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1521	<a href="#">KX450287.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate BomIB 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1287	<a href="#">KC503273.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate 2Ken 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2,...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1285	<a href="#">KC503264.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate KN159 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1324	<a href="#">MW227651.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate 8023 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2,...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1346	<a href="#">JQ625709.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate 9023 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2,...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1345	<a href="#">JQ625705.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2, complete seq...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1340	<a href="#">JF758642.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2, complete seq...</a>	<a href="#">Rhipicephalus mi...</a>	1995	2109	98%	0.0	98.17%	1342	<a href="#">JF758640.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate HE3 internal transcribed spacer 2, partial sequence</a>	<a href="#">Rhipicephalus mi...</a>	1991	2105	98%	0.0	98.08%	1151	<a href="#">MK224562.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate LD1 internal transcribed spacer 2, partial sequence</a>	<a href="#">Rhipicephalus mi...</a>	1989	2103	98%	0.0	98.08%	1151	<a href="#">MK224573.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate HE4 internal transcribed spacer 2, partial sequence</a>	<a href="#">Rhipicephalus mi...</a>	1989	2103	98%	0.0	98.08%	1151	<a href="#">MK224563.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate GZ1 internal transcribed spacer 2, partial sequence</a>	<a href="#">Rhipicephalus mi...</a>	1989	2103	98%	0.0	98.08%	1151	<a href="#">MK224551.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate Itanagar 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer...</a>	<a href="#">Rhipicephalus mi...</a>	1989	2103	98%	0.0	98.08%	1341	<a href="#">MK625221.1</a>
<input checked="" type="checkbox"/>	<a href="#">Rhipicephalus microplus isolate Aizawl 5.8S ribosomal RNA gene, partial sequence; internal transcribed spacer 2,...</a>	<a href="#">Rhipicephalus mi...</a>	1989	2103	98%	0.0	98.08%	1477	<a href="#">MK621182.1</a>

**Supplementary Figure S2:** BLASTn results showing the alignment of the *Rhipicephalus microplus* of this study and a corresponding sequence.