



Tel: 071 493 21 37
Email: info@ZooOmics.co.za
Physical Address: 525 Justice Mahomed Str, ...
Postal Address: PO Box 14356, Hatfield, Pre...

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	JRB170037
MICROCHIP NUMBER	-
SPECIES	Bovine
GENDER	MALE
OWNER	Bristow Bonsmaras
LAB. NO	ZOBOS20-06204

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	97
BM2113	133	135
TGLA053	Not Detected	
ETH10	211	219
ILSTS011	264	268
SPS113	139	153
RM067	90	94
TGLA126	Not Detected	
TGLA122	143	143
INRA023	206	214

STR Marker	Allele 1
BM1818	266
ETH003	117
ETH225	144
BM1824	192
SPS115	248
CSRM060	102
MGTG4B	137
CSSM066	189
ILSTS006	294

The DNA profile represents the standardised alleles for the 12 International Society for Animal Genomics recommended markers. These alleles were obtained from STR analysis by capillary electrophoresis. This profile includes additional markers as recommended by the Food and Agriculture Organization of the United Nations for routine bovine parentage testing and identification.

****Disclaimer**

Whatever is contained in this report is subject to the following:

- 1** Inqaba Biotechnical Industries Pty Ltd and the divisions thereof (Registration number: 2001/011245/01) warrants that the biological specimen(s) provided, originates from the relevant animal(s) as indicated on the relevant sample submission form provided
- 2** It is the responsibility of the client that all biological samples are available or has previously been submitted and that the sample corresponds with all requested samples listed on the sample submission form. Inqaba Biotechnical Industries Pty Ltd and the divisions thereof does not accept responsibility for the effect of any absent samples on the results of the analysis
- 3** Inqaba Biotechnical Industries Pty Ltd and the divisions thereof accepts that all genetic profiles and samples from external sources are correctly labelled and accurate;
- 4** Inqaba Biotechnical Industries Pty Ltd and the divisions thereof shall not be responsible for human errors that could not have been foreseen;
- 5** This document is solely for the use of the addressee and only in connection for the purpose set out in the request. Inqaba Biotechnical Industries Pty Ltd and the divisions thereof assume liability or responsibility to a third party to which this document is disclosed or otherwise made available;
- 6** Nothing in this document should be construed as advice to proceed or not to proceed with any specific action, as it was not prepared for that purpose;
- 7** The DNA profile is based on a preliminary marker panel that is subject to modification pending additional information;
- 8** It is the sender's responsibility to obtain permits when sending samples where required;
- 9** Inqaba Biotechnical Industries Pty Ltd and the divisions thereof reserves the right to decline testing if the sample is not suitable for analysis;
- 10** No guarantees are made with regards to turn-around time and results, and no liability will be accepted for any delays.

