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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	JJP210524
BREED	Boran
SPECIES	Bovine
GENDER	-
OWNER	JJ Prinsloo
LAB. NO	ZOCA2024-80889

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	79	89
BM2113	129	141
TGLA053	160	166
ETH10	209	209
ILSTS011	261	268
SPS113	141	143
RM067	Not Detected	
TGLA126	123	123
TGLA122	137	137
INRA023	198	198

STR Marker	Allele 1	Allele 2
BM1818	264	272
ETH003	117	117
ETH225	158	158
BM1824	178	178
SPS115	248	248
CSRM060	92	92
MG TG4B	137	149
CSSM066	183	187
ILSTS006	296	296

The DNA profile represents the standardised alleles for the 12 International Society for Animal Genetics (ISAG, 2016) recommended markers. These alleles were obtained from STR analysis by capillary electrophoresis. The DNA profile includes additional markers as recommended by the Food and Agriculture Organization of the United Nations (FAO) for routine bovine parentage testing and identification.

Dr Christiaan Labuschagne
Genomics Manager

06 December 2024

Date

**See disclaimer on reverse side

ISAG 
Institutional Member



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DNA PARENTAGE CERTIFICATE

Test Animal

Animal ID/Name	JJP210524
Breed	Boran
DNA Profile Certificate Number	ZOCA2024-80889-DC

qualifies as the offspring of

Male

Animal ID/Name	JJP180508
Breed	Boran
DNA Profile Certificate Number	3514U001

&

Female

Animal ID/Name	JJP140037
Breed	Boran
DNA Profile Certificate Number	ZOCA2024-66013-DC

Based on the results from genetic profiles of the individually listed animals after categorical allocation of the supplied biological samples. Allocation is based on a confidence level of 95% (based on the population tested) and ≤ 1 mismatched marker.

Dr Christiaan Labuschagne
Genomics Manager

06 December 2024

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****See disclaimer on reverse side**