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PO Box 14356, Hatfield, Pretoria 0028

CATTLE MUTATION ANALYSIS REPORT

Order Information

Name:	Bournwest PTY LTD	Print Date:	2026/08/06
Telephone No.:	0716000792	Date received:	2026/08/03
E-mail address:	fafavdw@me.com	No. samples:	14

Description of Procedure

Molecular genotyping for Double Muscling (Myostatin: F94L, Q204X and Nt821). The genotype for each known mutation region is presented below where WT refers to the wild type genotype and MUT refers to the mutated genotype. All mutant genotypes will be highlighted in red.

Lab No.	Sample ID	Double Muscling (Myostatin)					
		Q204X		Nt821		F94L	
ZOCA2026-117556	AVW180057	WT	WT	WT	WT	WT	WT
ZOCA2026-117557	AVW220006	WT	MUT	WT	WT	WT	WT
ZOCA2026-117558	AVW220035	WT	MUT	WT	WT	WT	WT
ZOCA2026-117559	AVW220038	WT	MUT	WT	WT	WT	WT
ZOCA2026-117560	AVW230031	WT	WT	WT	WT	WT	WT
ZOCA2026-117561	AVW230039	WT	WT	WT	WT	WT	WT
ZOCA2026-117562	AVW230059	WT	MUT	WT	WT	WT	WT
ZOCA2026-117563	AVW230081	WT	MUT	WT	WT	WT	WT
ZOCA2026-117564	FJK230026	WT	MUT	WT	WT	WT	WT
ZOCA2026-117565	FJK230033	WT	WT	WT	WT	WT	WT
ZOCA2026-113108	FJK250063	WT	WT	WT	WT	WT	WT
ZOCA2026-117566	FJK250081	WT	WT	WT	WT	WT	WT
ZOCA2026-113117	FJK250089	WT	MUT	WT	WT	WT	WT
ZOCA2026-117567	FJK260020	WT	MUT	WT	WT	WT	WT

Dr Christiaan Labuschagne
Genomics Manager

Catherine Greenslade
Analyst

2026/08/06

Date

**Disclaimer

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

Inqaba Biotechnical Industries Pty Ltd and the divisions thereof (Registration number: 2001/011245/07) accepts that the biological specimen(s) provided, originates from the relevant animal(s) as indicated on the relevant specimen(s) provided;

It is the responsibility of the client that all biological samples are available or has previously been submitted,

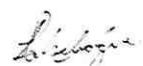


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PARENTAGE SUMMARY

OFFSPRING TESTED		QUALIFYING MOTHER		QUALIFYING FATHER	
OFFSPRING ID	ID TAG	MOTHER ID	ID TAG	FATHER ID	ID TAG
ZOCA2025-92049	EZI240001				
ZOCA2026-117563_c	AVW230081				
ZOCA2026-117567	FJK260020	ZOCA2024-73063	AVW230039		


Catherine Greenslade
Analyst
Print Date: 2026/08/05


Dr Christiaan Labuschagne
Genomics Manager
Print Date: 2026/08/05

- * More than one qualifying mother and/ or father identified for offspring
** Either mother or father can qualify as parent; no parent pair identified
Most likely parent allocated from parent list provided. No statistical support.

Disclaimer

Parentage is performed using the sire and dam list provided by the client.

It is the responsibility of the client to provide ZooOmics with all potential sire and/or dam candidates. This includes all AI bulls and cover bulls. Should any extra sire and/or dam candidates be added in the future, the parentage assignments may change. ZooOmics (a division of Inqaba Biotechnical Industries Pty Ltd) does not accept responsibility for the effect of any false assignments due to absent candidate sires and/or dams.

Nothing in this document should be construed as advice to proceed or not to proceed with any specific course of action, as it was not prepared for that purpose.

This is a parentage summary, summarising the potential parentage assignments for a specific order and not an official parentage certificate. Finalised results are sent on official certificates.

This parentage summary supersedes any previously issued parentage summaries.