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PO Box 14356, Hatfield, Pretoria 0028

CATTLE MUTATION ANALYSIS REPORT

Order Information

Name:	PB Labuschagne	Print Date:	2026/06/01
Telephone No.:	0534441332/0827751935	Date received:	2026/05/26
E-mail address:	giffie@me.com	No. samples:	21

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	
ZOCA2026-112519	BG150090	WT	WT	WT	WT	WT	WT
ZOCA2026-112520	LMR200094	WT	MUT	WT	WT	WT	WT
ZOCA2026-112521	PBL230019	WT	WT	WT	WT	WT	WT
ZOCA2026-112522	PBL230020	WT	MUT	WT	WT	WT	WT
ZOCA2026-112523	PBL230025	WT	WT	WT	WT	WT	WT
ZOCA2026-112524	PBL230027	WT	WT	WT	WT	WT	WT
ZOCA2026-112525	PBL230028	WT	WT	WT	WT	WT	WT
ZOCA2026-112526	PBL230040	WT	WT	WT	WT	WT	WT
ZOCA2026-112527	PBL230046	WT	MUT	WT	WT	WT	WT
ZOCA2026-112528	PBL230050	WT	WT	WT	WT	WT	WT
ZOCA2026-112529	PBL230051	WT	WT	WT	WT	WT	WT
ZOCA2026-112530	PBL230052	WT	MUT	WT	WT	WT	WT
ZOCA2026-112531	PBL230053	WT	WT	WT	WT	WT	WT
ZOCA2026-112532	PBL230055	WT	WT	WT	WT	WT	WT
ZOCA2026-112533	PBL240001	WT	WT	WT	WT	WT	WT
ZOCA2026-112534	PBL240004	WT	WT	WT	WT	WT	WT
ZOCA2026-112535	PBL240009	WT	MUT	WT	WT	WT	WT
ZOCA2026-112536	PBL240016	WT	MUT	WT	WT	WT	WT
ZOCA2026-112537	PBL240017	WT	MUT	WT	WT	WT	WT
ZOCA2026-112538	PBL240023	WT	WT	WT	WT	WT	WT
ZOCA2026-112539	PBL240024	WT	MUT	WT	WT	WT	WT

Dr Christiaan Labuschagne
Genomics Manager

Nkateko Mkase
Analyst

2026/06/01
Date



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CATTLE MUTATION ANALYSIS REPORT

Owner/Sender Information

Name:	PB Labuschagne
Telephone No.:	0534441332/0827751935
E-mail:	giffie@me.com

Print Date:	2026/05/29
Date received:	2026/05/26
No. samples:	21

Description of Procedure

Molecular screening of the polled (Cellic) in the BTA1 gene. The presence of the indel mutation will be indicated as MUT/MUT for homozygous polled animals, WT/WT for homozygous unaffected horned animals and WT/MUT for heterozygous polled animals.

Lab No.	Sample ID	Result
ZOCA2026-112519	BG150090	WT/WT
ZOCA2026-112520	LMR200094	WT/WT
ZOCA2026-112521	PBL230019	WT/WT
ZOCA2026-112522	PBL230020	WT/WT
ZOCA2026-112523	PBL230025	WT/WT
ZOCA2026-112524	PBL230027	WT/WT
ZOCA2026-112525	PBL230028	WT/WT
ZOCA2026-112526	PBL230040	WT/WT
ZOCA2026-112527	PBL230046	WT/WT
ZOCA2026-112528	PBL230050	WT/WT
ZOCA2026-112529	PBL230051	WT/WT

Lab No.	Sample ID	Result
ZOCA2026-112530	PBL230052	WT/WT
ZOCA2026-112531	PBL230053	WT/WT
ZOCA2026-112532	PBL230055	WT/WT
ZOCA2026-112533	PBL240001	WT/WT
ZOCA2026-112534	PBL240004	WT/WT
ZOCA2026-112535	PBL240009	WT/WT
ZOCA2026-112536	PBL240016	WT/WT
ZOCA2026-112537	PBL240017	WT/WT
ZOCA2026-112538	PBL240023	WT/WT
ZOCA2026-112539	PBL240024	WT/WT

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2026/05/29
Date

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