



PARENTAGE SUMMARY

OFFSPRING TESTED		QUALIFYING MOTHER		QUALIFYING FATHER	
OFFSPRING ID	ID TAG	MOTHER ID	ID TAG	FATHER ID	ID TAG
ZOCA2026-116561	DW241470				
ZOCA2026-116562	DW241472			ZOCA2026-110879	Parker 5055C
ZOCA2026-116563	DW241482			ZOCA2024-70352	DW211228
ZOCA2026-116564	DW241489			A560095	DW160890
*ZOCA2026-116565	DW241490			A560095	DW160890
				ZOCA2024-70359_c	DW211244
*ZOCA2026-116566	DW241493			ZOCA2023-48467	DW201140
				ZOCA2026-112636	DW191368
*ZOCA2026-116567	DW241496			ZOCA2023-48493	DW201186
				ZOCA2026-110872	DW150823
ZOCA2026-116568	DW241499			ZOCA2023-48493	DW201186
ZOCA2026-116569	DW241500			ZOCA2023-48482	DW201167
ZOCA2026-116570	DW241721			ZOCA2024-70350	DW211226
ZOCA2026-116571	DW241731			A560095	DW160890
ZOCA2026-116572	DW241748			ZOCA2023-48467	DW201140
*ZOCA2026-116573	DW251864			ZOCA2026-112636	DW191368
				A560095	DW160890
				ZOCA2023-48482	DW201167
*ZOCA2026-116574_C	DW251919			ZOCA2026-110874	DW191086
				8953U006	DW191068

Analyst

Print Date:

2026/07/20

Dr Christiaan Labuschagne

Genomics Manager

Print Date:

2026/07/20

* 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.



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PARENTAGE DATABASE LOG

The following samples were included in the parentage analysis in either the offspring, sire or dam category (please note that a sample can be present in more than one category). These samples were tested for the purpose of obtaining qualifying parents for the listed offspring. Parentage Certificates were only generated for offspring with qualifying parents. No certificates were generated for offspring with no qualifying parents.

Offspring		Sire		Dam	
Lab Number	Tag Number	Lab Number	Tag Number	Lab Number	Tag Number
ZOCA2026-116561	DW241470	4024Y	Herd Quitter		
ZOCA2026-116562	DW241472	5055C	Parker		
ZOCA2026-116563	DW241482	8953U002	DW191060		
ZOCA2026-116564	DW241489	8953U006	DW191068		
ZOCA2026-116565	DW241490	A560095	DW160890		
ZOCA2026-116566	DW241493	ZOCA2023-48467	DW201140		
ZOCA2026-116567	DW241496	ZOCA2023-48472	DW201145		
ZOCA2026-116568	DW241499	ZOCA2023-48473	DW201146		
ZOCA2026-116569	DW241500	ZOCA2023-48482	DW201167		
ZOCA2026-116570	DW241721	ZOCA2023-48490	DW201178		
ZOCA2026-116571	DW241731	ZOCA2023-48493	DW201186		
ZOCA2026-116572	DW241748	ZOCA2024-70350	DW211226		
ZOCA2026-116573	DW251864	ZOCA2024-70352	DW211228		
ZOCA2026-116574_C	DW251919	ZOCA2024-70359_c	DW211244		
		ZOCA2026-110872	DW150823		
		ZOCA2026-110873	DW170949		
		ZOCA2026-110874	DW191086		
		ZOCA2026-110875	DW201144		
		ZOCA2026-110876	Care Free 5501B		
		ZOCA2026-110877	Herd Quitter 2024Y		
		ZOCA2026-110878	Johnny Mizzou 5916W		
		ZOCA2026-110879	Parkert 5055C		
		ZOCA2026-110880	SGL180011		
		ZOCA2026-112636	DW191368		
		ZOCA2026-112638	DW221579		
Total	14	Total	25	Total	0



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CATTLE MUTATION ANALYSIS REPORT

Order Information

Name:	Ian McLachlan (Westwind Estates (Pty) Ltd)	Print Date:	2026/07/20
Telephone No.:	051 713 0518; 082 895 8189	Date received:	2026/07/14
E-mail address:	ian@hillsidefarm.co.za	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	
ZOCA2026-116561	DW241470	WT	WT	WT	WT	WT	WT
ZOCA2026-116562	DW241472	WT	WT	WT	WT	WT	WT
ZOCA2026-116563	DW241482	WT	WT	WT	WT	WT	WT
ZOCA2026-116564	DW241489	WT	WT	WT	WT	WT	WT
ZOCA2026-116565	DW241490	WT	WT	WT	WT	WT	WT
ZOCA2026-116566	DW241493	WT	WT	WT	WT	WT	WT
ZOCA2026-116567	DW241496	WT	WT	WT	WT	WT	WT
ZOCA2026-116568	DW241499	WT	WT	WT	WT	WT	WT
ZOCA2026-116569	DW241500	WT	WT	WT	WT	WT	WT
ZOCA2026-116570	DW241721	WT	WT	WT	WT	WT	WT
ZOCA2026-116571	DW241731	WT	WT	WT	WT	WT	WT
ZOCA2026-116572	DW241748	WT	WT	WT	WT	WT	WT
ZOCA2026-116573	DW251864	WT	WT	WT	WT	WT	WT
ZOCA2026-116574	DW251919	WT	WT	WT	WT	WT	WT

Dr Christiaan Labuschagne
Genomics Manager

Orateng Baukudi
Analyst

2026/07/20

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, and 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 analysis results;

Inqaba Biotechnical Industries Pty Ltd and the divisions thereof accepts that all genetic profiles and/or