



ZooOmics™ is a division of Inqaba Biotechnical Industries Pty Ltd
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CATTLE MUTATION ANALYSIS REPORT

Order Information

Name:	Hotspot Cattle Pty Ltd (Stompie Olivier)	Print Date:	2026/08/06
Telephone No.:	0737473249	Date received:	2026/08/06
E-mail address:	stompie@hotspotcattle.co.za	No. samples:	

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	
ZOCA2021-19270	HS190058	WT	WT	WT	WT	WT	WT
ZOCA2021-19277	HS190067	WT	WT	WT	WT	WT	WT
ZOCA2021-19288	HS190088	WT	WT	WT	WT	WT	WT
ZOCA2021-19312	HS190158	WT	WT	WT	WT	WT	WT
ZOCA2021-23144	HS210585	WT	WT	WT	WT	WT	WT
ZOCA2021-23670	HS210640	WT	WT	WT	MUT	WT	WT
ZOCA2022-38201	HS220544	WT	WT	WT	WT	WT	WT
ZOCA2022-38328	HS220574	WT	WT	WT	MUT	WT	WT
ZOCA2022-38335	HS220581	WT	WT	WT	WT	WT	WT
ZOCA2022-41217	HS220663	WT	WT	WT	WT	WT	WT
ZOCA2023-56735	HS230521	WT	WT	WT	WT	WT	WT
ZOCA2023-56755	HS230543	WT	WT	WT	MUT	WT	WT
ZOCA2023-57599	HS230565	WT	WT	WT	WT	WT	WT
ZOCA2023-57604	HS230570	WT	WT	WT	WT	WT	WT
ZOCA2023-58349	HS230603	WT	WT	WT	WT	WT	WT
ZOCA2023-60495	HS230673	WT	WT	WT	MUT	WT	WT
ZOCA2023-60738	HS230682	WT	WT	WT	WT	WT	WT
ZOCA2023-61374	HS230699	WT	WT	WT	WT	WT	WT
ZOCA2024-62578	HS230713	WT	WT	WT	WT	WT	WT
ZOCA2024-62581	HS230716	WT	WT	WT	WT	WT	WT
ZOCA2024-62584	HS230719	WT	WT	WT	MUT	WT	WT
ZOCA2025-99128	HS250564	WT	WT	WT	WT	WT	WT
ZOCA2026-117621	HS250638						
ZOCA2026-117622	HS250533						
ZOCA2026-117623	HS250598						
ZOCA2026-117624	HS250546						

Dr Christiaan Labuschagne

2026/08/06

Date

ZOCA2023-60482	HS230660	WT	WT	WT	WT	WT	WT
ZOCA2023-60485	HS230663	WT	WT	WT	WT	WT	WT
ZOCA2023-60486	HS230664	WT	WT	WT	MUT	WT	WT
ZOCA2023-60492	HS230670	WT	WT	WT	MUT	WT	WT
ZOCA2023-60497	HS230675	WT	WT	WT	MUT	WT	WT
ZOCA2023-60740	HS230684	WT	WT	WT	WT	WT	WT
ZOCA2023-61373	HS230698	WT	WT	WT	WT	WT	WT
ZOCA2023-61384	HS230710	WT	WT	WT	WT	WT	MUT
ZOCA2024-62597	HS230732	WT	WT	WT	WT	WT	WT
ZOCA2024-62598	HS230733	WT	WT	WT	WT	WT	WT
ZOCA2024-65098	HS230736	WT	WT	WT	WT	WT	WT
ZOCA2024-65102	HS240503	WT	WT	WT	WT	WT	WT



Dr Christiaan Labuschagne
Genomics Manager

2026/08/06

Date

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CATTLE MUTATION ANALYSIS REPORT

Order Information

Name:	Hotspot Cattle Pty Ltd (Stompie)	Print Date:	2026/08/06
Telephone No.:	071773249	Date received:	2026/08/06
E-mail address:	stompie@hotspotcattle.co.za	No. samples:	

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	
ZOCA2023-43050	HS230501	WT	WT	WT	MUT	WT	WT
ZOCA2023-43826	HS230511	WT	WT	WT	MUT	WT	WT
ZOCA2023-56744	HS230531	WT	WT	WT	WT	WT	WT
ZOCA2023-56746	HS230533	WT	WT	WT	WT	WT	WT
ZOCA2023-56747	HS230534	WT	WT	WT	WT	WT	WT
ZOCA2023-56754	HS230541	WT	WT	WT	WT	WT	WT
ZOCA2023-57591	HS230556	WT	WT	WT	WT	WT	WT
ZOCA2023-57593	HS230558	WT	WT	WT	MUT	WT	WT
ZOCA2023-57605	HS230571	WT	WT	WT	WT	WT	WT
ZOCA2023-58332	HS230584	WT	WT	WT	WT	WT	WT
ZOCA2023-58333	HS230585	WT	WT	WT	WT	WT	WT
ZOCA2023-58336	HS230588	WT	WT	WT	WT	WT	WT
ZOCA2023-58338	HS230590	WT	WT	WT	MUT	WT	WT
ZOCA2023-58339	HS230593	WT	WT	WT	WT	WT	WT
ZOCA2023-58341	HS230595	WT	WT	WT	WT	WT	WT
ZOCA2023-58640	HS230614	WT	WT	WT	WT	WT	WT
ZOCA2023-58644	HS230618	WT	WT	WT	WT	WT	WT
ZOCA2023-58647	HS230621	WT	WT	WT	MUT	WT	WT
ZOCA2023-59966	HS230630	WT	WT	WT	WT	WT	WT
ZOCA2023-59975	HS230640	WT	WT	WT	WT	WT	WT
ZOCA2023-59977	HS230642	WT	WT	MUT	MUT	WT	WT
ZOCA2023-59984	HS230649	WT	WT	WT	WT	WT	WT
ZOCA2023-59987	HS230653	WT	WT	WT	WT	WT	WT
ZOCA2023-59988	HS230654	WT	WT	WT	MUT	WT	WT
ZOCA2023-59990	HS230656	WT	WT	WT	WT	WT	WT