



CATTLE MUTATION ANALYSIS REPORT

Owner/Sender Information

Name:	AG Odendaal
Telephone No.:	(83) 462-2148
E-mail:	adriaan.o@absamail.co.za

Print Date:	2023/09/20
Date received:	2023/08/28
No. samples:	12

Description of Procedure

Molecular screening of the polled (Celtic) 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
ZOCA2023/55763	AGO180061	MUT/MUT
ZOCA2023/55773	AGO200060	WT/MUT
ZOCA2023/55803	AGO220011	WT/MUT
ZOCA2023/55813	AGO220052	MUT/MUT
ZOCA2023/55819	AGO220066	MUT/MUT
ZOCA2023/55820	AGO220067	WT/WT

Lab No.	Sample ID	Result
ZOCA2023/55829	AGO220131	WT/MUT
ZOCA2023/55831	AGO220140	WT/MUT
ZOCA2023/55833	AGO220153	WT/WT
ZOCA2023/55838	AGO220192	WT/MUT
ZOCA2023/55843	AGO230030	MUT/MUT
ZOCA2023/55844	AGO230037	WT/MUT

Dr Christiaan Labuschagne
Genomics Manager

2023/09/20

Date

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Order Information			
Name:	Rocky Droughtmasters	Print Date:	2023/09/20
Telephone No.:	(83) 462-2148	Date received:	2023/08/28
E-mail address:	adriaan.o@absamail.co.za	No. samples:	87

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	
ZOCA2023/55758	C110511	WT	WT	WT	WT	WT	WT
ZOCA2023/55759	AGO150004	WT	WT	WT	WT	WT	WT
ZOCA2023/55760	AGO150059	WT	WT	WT	WT	WT	WT
ZOCA2023/55761	AGO170065	WT	WT	WT	WT	WT	MUT
ZOCA2023/55762	AGO170089	WT	WT	WT	MUT	WT	WT
ZOCA2023/55763	AGO180061	WT	WT	WT	MUT	WT	WT
ZOCA2023/55764	AGO180085	WT	WT	WT	WT	WT	WT
ZOCA2023/55765	AGO190020	WT	WT	WT	WT	WT	WT
ZOCA2023/55766	AGO190114	WT	WT	WT	MUT	WT	WT
ZOCA2023/55767	AGO190116	WT	WT	WT	WT	WT	WT
ZOCA2023/55768	AGO200017	WT	WT	WT	MUT	WT	WT
ZOCA2023/55769	AGO200035	WT	WT	WT	MUT	WT	WT
ZOCA2023/55770	AGO200037	WT	WT	WT	WT	WT	WT
ZOCA2023/55771	AGO200040	WT	WT	WT	MUT	WT	WT
ZOCA2023/55772	AGO200059	WT	WT	WT	WT	WT	WT
ZOCA2023/55773	AGO200060	WT	WT	WT	WT	WT	WT
ZOCA2023/55774	AGO200066	WT	WT	WT	WT	WT	WT
ZOCA2023/55775	AGO200067	WT	WT	WT	MUT	WT	WT
ZOCA2023/55776	AGO200071	WT	WT	WT	WT	WT	WT
ZOCA2023/55777	AGO200077	WT	WT	WT	WT	WT	WT
ZOCA2023/55778	AGO200078	WT	WT	WT	WT	WT	MUT
ZOCA2023/55779	AGO200099	WT	WT	WT	WT	WT	WT
ZOCA2023/55780	AGO200107	WT	WT	WT	MUT	WT	WT
ZOCA2023/55781	AGO200156	WT	WT	WT	WT	WT	WT
ZOCA2023/55782	AGO200195	WT	WT	WT	WT	WT	WT
ZOCA2023/55783	AGO210008	WT	WT	WT	WT	WT	MUT
ZOCA2023/55784	AGO210011	WT	WT	WT	MUT	WT	WT
ZOCA2023/55785	AGO210025	WT	WT	WT	MUT	WT	WT
ZOCA2023/55786	AGO210075	WT	WT	WT	MUT	WT	WT
ZOCA2023/55787	AGO210079	WT	WT	WT	WT	WT	WT
ZOCA2023/55788	AGO210083	WT	WT	WT	MUT	WT	WT
ZOCA2023/55789	AGO210099	WT	WT	WT	MUT	WT	WT
ZOCA2023/55790	AGO210108	WT	WT	WT	MUT	WT	WT
ZOCA2023/55791	AGO210127	WT	WT	WT	MUT	WT	WT
ZOCA2023/55792	AGO210132	WT	WT	WT	WT	WT	WT

ZOCA2023/55793	AGO210141	WT	WT	WT	MUT	WT	WT
ZOCA2023/55794	AGO210144	WT	WT	WT	MUT	WT	WT
ZOCA2023/55795	AGO210156	WT	WT	WT	MUT	WT	WT
ZOCA2023/55796	AGO210157	WT	WT	WT	MUT	WT	WT
ZOCA2023/55797	AGO210166	WT	WT	WT	MUT	WT	WT
ZOCA2023/55798	AGO210167	WT	WT	WT	WT	WT	WT
ZOCA2023/55799	AGO210168	WT	WT	WT	MUT	WT	WT
ZOCA2023/55800	AGO210176	WT	WT	WT	WT	WT	MUT
ZOCA2023/55801	AGO210177	WT	WT	WT	WT	WT	WT
ZOCA2023/55802	AGO220004	WT	WT	WT	WT	WT	WT
ZOCA2023/55803	AGO220011	WT	WT	WT	WT	WT	WT
ZOCA2023/55804	AGO220017	WT	WT	WT	MUT	WT	WT
ZOCA2023/55805	AGO220032	WT	WT	WT	MUT	WT	WT
ZOCA2023/55806	AGO220034	WT	WT	WT	WT	WT	WT
ZOCA2023/55807	AGO220036	WT	WT	WT	WT	WT	WT
ZOCA2023/55808	AGO220038	WT	WT	WT	MUT	WT	MUT
ZOCA2023/55809	AGO220039	WT	WT	WT	WT	WT	WT
ZOCA2023/55810	AGO220046	WT	WT	WT	WT	WT	WT
ZOCA2023/55811	AGO220049	WT	WT	WT	WT	WT	WT
ZOCA2023/55812	AGO220050	WT	WT	WT	WT	WT	WT
ZOCA2023/55813	AGO220052	WT	WT	WT	WT	WT	WT
ZOCA2023/55814	AGO220053	WT	WT	WT	MUT	WT	WT
ZOCA2023/55815	AGO220055	WT	WT	WT	MUT	WT	WT
ZOCA2023/55816	AGO220058	WT	WT	WT	WT	WT	WT
ZOCA2023/55817	AGO220060	WT	WT	WT	WT	WT	WT
ZOCA2023/55818	AGO220064	WT	WT	WT	WT	WT	WT
ZOCA2023/55819	AGO220066	WT	WT	WT	WT	WT	WT
ZOCA2023/55820	AGO220067	WT	WT	WT	WT	WT	WT
ZOCA2023/55821	AGO220069	WT	WT	WT	WT	WT	WT
ZOCA2023/55822	AGO220072	WT	WT	WT	WT	WT	WT
ZOCA2023/55823	AGO220075	WT	WT	WT	WT	WT	WT
ZOCA2023/55824	AGO220079	WT	WT	WT	WT	WT	WT
ZOCA2023/55825	AGO220080	WT	WT	WT	WT	WT	WT
ZOCA2023/55826	AGO220100	WT	WT	WT	WT	WT	WT
ZOCA2023/55827	AGO220109	WT	WT	WT	WT	WT	WT
ZOCA2023/55828	AGO220116	WT	WT	WT	WT	WT	WT
ZOCA2023/55829	AGO220131	WT	WT	WT	MUT	WT	WT
ZOCA2023/55830	AGO220138	WT	WT	WT	WT	WT	WT
ZOCA2023/55831	AGO220140	WT	WT	WT	WT	WT	WT
ZOCA2023/55832	AGO220150	WT	WT	WT	WT	WT	WT
ZOCA2023/55833	AGO220153	WT	WT	WT	WT	WT	WT
ZOCA2023/55834	AGO220162	WT	WT	WT	WT	WT	WT
ZOCA2023/55835	AGO220164	WT	WT	WT	WT	WT	WT
ZOCA2023/55836	AGO220183	WT	WT	WT	WT	WT	WT
ZOCA2023/55837	AGO220187	WT	WT	WT	WT	WT	WT
ZOCA2023/55838	AGO220192	WT	WT	WT	WT	WT	WT
ZOCA2023/55839	AGO220194	WT	WT	WT	WT	WT	WT

ZOCA2023/55840	AGO220198	WT	WT	WT	WT	WT	WT
ZOCA2023/55841	AGO230004	WT	WT	WT	MUT	WT	WT
ZOCA2023/55842	AGO230011	WT	WT	WT	WT	WT	WT
ZOCA2023/55843	AGO230030	WT	WT	WT	WT	WT	WT
ZOCA2023/55844	AGO230037	WT	WT	WT	WT	WT	WT



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