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CATTLE MUTATION ANALYSIS REPORT

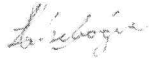
Order Information

Name:	Wilzak Boerdery	Print Date:	11/5/2024
Telephone No.:	(83) 985-5815	Date received:	10/30/2024
E-mail address:	elisca@wilzak.co.za	No. samples:	27

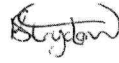
Description of Procedure

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	
ZOCA2024-79304	TOP240286	WT	WT	WT	WT	WT	WT
ZOCA2024-79305	TOP240287	WT	WT	WT	WT	WT	WT
ZOCA2024-79306	TOP240288	WT	WT	WT	MUT	WT	WT
ZOCA2024-79307	TOP240289	WT	WT	WT	WT	WT	WT
ZOCA2024-79308	TOP240290	WT	WT	WT	MUT	WT	WT
ZOCA2024-79309	TOP240291	WT	WT	WT	WT	WT	WT
ZOCA2024-79310	TOP240292	WT	WT	WT	WT	WT	WT
ZOCA2024-79311	TOP240293	WT	WT	WT	WT	WT	WT
ZOCA2024-79312	TOP240294	WT	WT	WT	WT	WT	WT
ZOCA2024-79313	TOP240295	WT	WT	WT	WT	WT	WT
ZOCA2024-79314	TOP240296	WT	WT	WT	WT	WT	WT
ZOCA2024-79315	TOP240297	WT	WT	WT	WT	WT	WT
ZOCA2024-79316	TOP240298	WT	WT	WT	WT	WT	WT
ZOCA2024-79317	TOP240299	WT	WT	WT	MUT	WT	WT
ZOCA2024-79318	TOP240300	WT	WT	WT	MUT	WT	WT
ZOCA2024-79319	TOP240301	WT	WT	WT	WT	WT	WT
ZOCA2024-79320	TOP240302	WT	WT	WT	WT	WT	WT
ZOCA2024-79321	TOP240303	WT	WT	WT	WT	WT	WT
ZOCA2024-79322	TOP240304	WT	WT	WT	WT	WT	WT
ZOCA2024-79323	TOP240305	WT	WT	WT	WT	WT	WT
ZOCA2024-79324	TOP240306	WT	WT	WT	WT	WT	WT
ZOCA2024-79325	TOP240307	WT	WT	WT	WT	WT	WT
ZOCA2024-79326	TOP240308	WT	WT	WT	WT	WT	WT
ZOCA2024-79327	TOP240309	WT	WT	WT	WT	WT	WT
ZOCA2024-79328	TOP240310	WT	WT	WT	WT	WT	WT
ZOCA2024-79329	TOP240311	WT	WT	WT	WT	WT	WT
ZOCA2024-79330	TOP240285	WT	WT	WT	WT	WT	WT



Dr Christiaan Labuschagne
Genomics Manager



Keagan Strydom
Analyst

11/5/2024

Date

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CATTLE MUTATION ANALYSIS REPORT

Order Information

Name:	Wilzak Boerdery	Print Date:	2024/09/13
Telephone No.:	0839855815	Date received:	2024/08/26
E-mail address:	elisca@wilzak.co.za	No. samples:	52

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	
ZOCA2024-75040	TOP240181	WT	WT	WT	MUT	WT	WT
ZOCA2024-75041	TOP240182	WT	WT	WT	WT	WT	WT
ZOCA2024-75042	TOP230184	WT	WT	WT	WT	WT	WT
ZOCA2024-75043	TOP230185	WT	WT	WT	WT	WT	WT
ZOCA2024-75044	TOP240186	WT	WT	WT	MUT	WT	WT
ZOCA2024-75045	TOP240187	WT	WT	WT	WT	WT	WT
ZOCA2024-75046	TOP240188	WT	WT	WT	WT	WT	WT
ZOCA2024-75047	TOP240189	WT	WT	WT	WT	WT	WT
ZOCA2024-75048	TOP240190	WT	WT	WT	WT	WT	MUT
ZOCA2024-75049	TOP240191	WT	WT	WT	WT	WT	MUT
ZOCA2024-75050	TOP240192	WT	WT	WT	WT	WT	WT
ZOCA2024-75051	TOP240193	WT	WT	WT	WT	WT	WT
ZOCA2024-75052	TOP240194	WT	WT	WT	WT	WT	WT
ZOCA2024-75053	TOP240195	WT	WT	WT	WT	WT	WT
ZOCA2024-75054	TOP240196	WT	WT	WT	WT	WT	WT
ZOCA2024-75055	TOP240197	WT	WT	WT	WT	WT	WT
ZOCA2024-75056	TOP240198	WT	WT	WT	MUT	WT	WT
ZOCA2024-75057	TOP240199	WT	WT	WT	WT	WT	MUT
ZOCA2024-75058	TOP240201	WT	WT	WT	MUT	WT	WT
ZOCA2024-75059	TOP240202	WT	WT	WT	WT	WT	WT
ZOCA2024-75060	TOP240203	WT	WT	WT	WT	WT	WT
ZOCA2024-75061	TOP240204	WT	WT	WT	WT	WT	WT
ZOCA2024-75062	TOP240205	WT	WT	WT	MUT	WT	WT
ZOCA2024-75063	TOP240206	WT	WT	WT	WT	WT	WT
ZOCA2024-75064	TOP240207	WT	WT	WT	WT	WT	WT
ZOCA2024-75065	TOP240208	WT	WT	WT	WT	WT	WT
ZOCA2024-75066	TOP240209	WT	WT	WT	WT	WT	WT
ZOCA2024-75067	TOP240210	WT	WT	WT	WT	WT	Mut
ZOCA2024-75068	TOP240211	WT	WT	WT	WT	WT	WT
ZOCA2024-75069	TOP240212	WT	WT	WT	WT	WT	WT
ZOCA2024-75070	TOP240213	WT	WT	WT	WT	WT	Mut
ZOCA2024-75071	TOP240214	WT	WT	WT	WT	WT	WT
ZOCA2024-75072	TOP240215	WT	WT	WT	WT	WT	Mut
ZOCA2024-75073	TOP240216	WT	WT	WT	MUT	WT	WT

ZOCA2024-75074	TOP240217	WT	WT	WT	WT	WT	Mut
ZOCA2024-75075	WIT240002	WT	WT	WT	WT	WT	WT
ZOCA2024-75076	TOP240220	WT	WT	WT	WT	WT	WT
ZOCA2024-75077	TOP240221	WT	WT	WT	WT	WT	MUT
ZOCA2024-75078	TOP240222	WT	WT	WT	WT	WT	MUT
ZOCA2024-75079	TOP240223	WT	WT	WT	WT	WT	WT
ZOCA2024-75080	TOP240224	WT	WT	WT	WT	WT	MUT
ZOCA2024-75081	TOP240225	WT	WT	WT	WT	WT	MUT
ZOCA2024-75082	TOP240226	WT	WT	WT	WT	WT	WT
ZOCA2024-75083	TOP240227	WT	WT	WT	WT	WT	MUT
ZOCA2024-75084	TOP240228	WT	WT	WT	WT	WT	MUT
ZOCA2024-75085	TOP240229	WT	WT	WT	WT	WT	WT
ZOCA2024-75086	TOP240230	WT	WT	WT	WT	WT	WT
ZOCA2024-75087	TOP240231	WT	WT	WT	WT	WT	WT
ZOCA2024-75088	TOP240232	WT	WT	WT	WT	WT	MUT
ZOCA2024-75089	TOP240234	WT	WT	WT	WT	WT	WT
ZOCA2024-75090	TOP240235	WT	WT	WT	WT	WT	MUT
ZOCA2024-75091	TOP240236	WT	WT	WT	WT	WT	MUT



Dr Christiaan Labuschagne
Genomics Manager



Candice Jooste
Analyst

2024/09/13

Date

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Name:	Wilzak Boerdery	Print Date:	2024/09/25
Telephone No.:	0839855815	Date received:	2024/09/13
E-mail address:	elisca@wilzak.co.za	No. samples:	18

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Lab No.	Sample ID	Double Muscling (Myostatin)					
		Q204X		Nt821		F94L	
ZOCA2024-76713	TOP240237	WT	WT	WT	WT	WT	WT
ZOCA2024-76714	TOP240239	WT	WT	WT	WT	WT	WT
ZOCA2024-76715	TOP240240	WT	WT	WT	WT	WT	WT
ZOCA2024-76716	TOP240241	WT	WT	WT	WT	WT	WT
ZOCA2024-76717	TOP240242	WT	WT	WT	WT	WT	WT
ZOCA2024-76718	TOP240243	WT	WT	WT	WT	WT	WT
ZOCA2024-76719	TOP240244	WT	WT	WT	WT	WT	WT
ZOCA2024-76720	TOP240246	WT	WT	WT	WT	WT	MUT
ZOCA2024-76721	TOP240247	WT	WT	WT	WT	WT	WT
ZOCA2024-76722	TOP240248	WT	WT	WT	WT	WT	WT
ZOCA2024-76723	TOP240249	WT	WT	WT	MUT	WT	WT
ZOCA2024-76724	TOP240250	WT	WT	WT	WT	WT	WT
ZOCA2024-76725	TOP240251	WT	WT	WT	WT	WT	WT
ZOCA2024-76726	TOP240252	WT	WT	WT	WT	WT	WT
ZOCA2024-76727	TOP240253	WT	WT	WT	WT	WT	WT
ZOCA2024-76728	TOP240254	WT	WT	WT	WT	WT	MUT
ZOCA2024-76729	TOP240255	WT	WT	WT	WT	WT	MUT
ZOCA2024-76730	TOP240256	WT	WT	WT	WT	WT	WT

Dr Christiaan Labuschagne
Genomics Manager

Rieze Straeuli
Analyst

2024/09/25
Date

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