

CATTLE MUTATION ANALYSIS REPORT

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Description of Procedure

Molecular genotyping for mutations associated with Pompe's Disease (mutations E7, E13 and E18), Double Muscling (F94L, Q204X and Nt821) and Congenital Myasthenic Syndrome (CMS). 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	Pompe's Disease			Double Muscling (Myostatin)			Congenital	
		E7	E13	E18	F94L	Q204X	Nt821	CMS	
ZOBOS19-01419	BRB 15 0001				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01420	WAT 17 0211				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01421	WAT 17 0212				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01422	WAT 17 0213				WT/WT	WT/WT	WT/WT		
ZOBOS19-01423	WAT 17 0224				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01424	WAT 17 0242				WT/WT	WT/WT	WT/WT		
ZOBOS19-01425	WAT 17 0255				WT/WT	WT/WT	WT/WT		
ZOBOS19-01426	WAT 17 0256				WT/WT	WT/WT	WT/WT		
ZOBOS19-01427	WAT 17 0274				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01428	WAT 17 0281				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01429	WAT 17 0326				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01430	WAT 17 0376				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01431	WAT 17 0439				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01432	WAT 17 0442				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01433	WAT 17 0451				WT/WT	WT/WT	WT/WT		
ZOBOS19-01434	WAT 17 0464				WT/WT	WT/WT	WT/WT		
ZOBOS19-01435	WAT 17 0480				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01436	WAT 17 0489				WT/WT	WT/WT	WT/WT		
ZOBOS19-01437	WAT 17 0502				WT/WT	WT/WT	WT/WT		
ZOBOS19-01438	WAT 17 0522				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01439	WAT 17 0523				WT/WT	WT/WT	WT/WT		
ZOBOS19-01440	WAT 17 0524				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01441	WAT 17 0527				WT/WT	WT/WT	WT/WT		
ZOBOS19-01442	WAT 17 0546				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01443	WAT 17 0554				WT/WT	WT/WT	WT/WT		
ZOBOS19-01444	WAT 17 0558				WT/WT	WT/WT	WT/WT		
ZOBOS19-01445	WAT 17 0571				WT/WT	WT/MUT	WT/WT		
ZOBOS19-01446	WAT 17 0586				WT/WT	WT/WT	WT/WT		
ZOBOS19-01447	WAT 17 0694				WT/WT	WT/WT	WT/WT		


 Dr Christiaan Labuschagne
 Genomics Manager

2019/08/27
 Date

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