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## CATTLE MUTATION ANALYSIS REPORT

### Order Information

|                        |                                                                  |                       |            |
|------------------------|------------------------------------------------------------------|-----------------------|------------|
| <b>Name:</b>           | Brandwater Bdy                                                   | <b>Print Date:</b>    | 2026/06/29 |
| <b>Telephone No.:</b>  | 0837900224                                                       | <b>Date received:</b> | 2026/06/25 |
| <b>E-mail address:</b> | <a href="mailto:mari@brandwater.co.za">mari@brandwater.co.za</a> | <b>No. samples:</b>   | 6          |

### 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 |    |
| ZOCA2026-114667 | HOT260395 | WT                          | WT | WT    | MUT | WT   | WT |
| ZOCA2026-114668 | HOT260396 | WT                          | WT | WT    | WT  | WT   | WT |
| ZOCA2026-114669 | HOT260397 | WT                          | WT | WT    | WT  | WT   | WT |
| ZOCA2026-114670 | HOT260398 | WT                          | WT | WT    | MUT | WT   | WT |
| ZOCA2026-114671 | HOT260399 | WT                          | WT | WT    | WT  | WT   | WT |
| ZOCA2026-114672 | HOT260400 | WT                          | WT | WT    | MUT | WT   | WT |

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Genomics Manager

**Nkateko Mkase**  
Analyst

2026/06/29

**Date**

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