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## CATTLE MUTATION ANALYSIS REPORT

| Order Information |                                                              |                |            |
|-------------------|--------------------------------------------------------------|----------------|------------|
| Name:             | Sernick EDMS BPK                                             | Print Date:    | 2026/08/13 |
| Telephone No.:    | 0823840020                                                   | Date received: | 2026/08/06 |
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| 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 |    |
| ZOCA2024-77913                                                                                                                                                                                                                                                                 | NFS240309 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77918                                                                                                                                                                                                                                                                 | NFS240314 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77921                                                                                                                                                                                                                                                                 | NFS240317 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-79660                                                                                                                                                                                                                                                                 | NFS240450 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-81065                                                                                                                                                                                                                                                                 | NFS240557 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77932                                                                                                                                                                                                                                                                 | NFS240329 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77937                                                                                                                                                                                                                                                                 | NFS240334 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77910                                                                                                                                                                                                                                                                 | NFS240349 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77872                                                                                                                                                                                                                                                                 | NFS240362 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77873                                                                                                                                                                                                                                                                 | NFS240363 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77874                                                                                                                                                                                                                                                                 | NFS240364 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77876                                                                                                                                                                                                                                                                 | NFS240366 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77878                                                                                                                                                                                                                                                                 | NFS240368 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77880                                                                                                                                                                                                                                                                 | NFS240370 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77889                                                                                                                                                                                                                                                                 | NFS240380 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77893                                                                                                                                                                                                                                                                 | NFS240384 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77894                                                                                                                                                                                                                                                                 | NFS240385 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77958                                                                                                                                                                                                                                                                 | NFS240405 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-77960                                                                                                                                                                                                                                                                 | NFS240407 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-79622                                                                                                                                                                                                                                                                 | NFS240411 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-79687                                                                                                                                                                                                                                                                 | NFS240480 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-79698                                                                                                                                                                                                                                                                 | NFS240491 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-79710                                                                                                                                                                                                                                                                 | NFS240505 | WT                          | WT | WT    | WT | WT   | WT |
| ZOCA2024-81058                                                                                                                                                                                                                                                                 | NFS240550 | WT                          | WT | WT    | WT | WT   | WT |



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2026/08/13

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**Date**

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