

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

TESTBONNEW

Veilingsdatum / Auction Date:
14 April 2022

Data soos op / Data as on:
14 April 2022



SALES UNDER AUSPICES OF BONSMARA SA

Bonsmara stud breeding is subject to the stipulations of the Livestock Improvement Act and conforms to the standards of Bonsmara SA. The Society therefore has the right to implement certain controls to ensure the accuracy of information regarding Parentage, Performance and Estimated Breeding Values.

Information regarding Parentage, Performance and Estimated Breeding Values of animals, as supplied by the breeder, have been verified and compared to the official database of LOGIX BEEF. Bonsmara SA therefore, confirms the accuracy of such information.

To the knowledge of the Society these controls have been carried out accurately. However, the Society does not take any responsibility for incorrect information through printing errors or incorrect information provided by the breeder.

Animals on such sales have been visually screened by Inspectors of Bonsmara SA and comply with the Bonsmara Minimum Breed Standards as stipulated by the Society.

The Society DOES NOT have any control over:

- Immunization and health status of animals
- Pregnancy status of cows and heifers
- Suitability of a bull for breeding
- Fertility status as well as venereal diseases and
- Commercial animals

Since the above is not classified as information regarding Parentage, Performance and Estimated Breeding Values, it DOES NOT fall within the jurisdiction of the meaning "Under the Auspices of Bonsmara SA".



VEILINGS ONDER BESKERMING VAN BONSMARA SA

Bonsmara stoetteling wat onderhewig is aan die bepalings van die Veeverbeteringswet, vind plaas onder die vaandel van Bonsmara SA. Daarom behou die Genootskap hom die reg voor om kontroles volgens bepaalde prosedures uit te oefen ten opsigte van Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes.

Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes soos deur die teler voorsien vir die doel van hierdie katalogus, is gekontroleer en vergelyk met die amptelike databasis soos gehou deur LOGIX BEEF. Bonsmara SA bevestig dus die korrektheid van sodanige inligting.

Alhoewel die kontroles na die beste wete van die Genootskap gedoen is, kan die Genootskap egter nie verantwoordelik gehou word vir foutiewe inligting as gevolg van drukkersfoute of verkeerde inligting deur die telers verskaf nie.

Diere wat op hierdie veilings aangebied word, is onderwerp aan 'n proses van visuele inspeksie deur Keurders van Bonsmara SA en voldoen aan die Bonsmara Minimum Rasstandaarde soos bepaal deur die Genootskap.

Die Genootskap het egter GEEN beheer oor:

- Immunisering en gesondheidstatus van diere
- Dragtigheidstatus van koeie en verse
- Teelgeskiktheid van bulle
- Vrugbaarheidstatus, asook geslagsiektes en
- Kommersiële diere nie.

Aangesien bogenoemde nie val onder die bedoeling met Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes nie, sorteer dit NIE onder die jurisdiksie van die bedoeling "Onder beskerming van Bonsmara SA" nie.



ANIMAL AND PEDIGREE INFORMATION

LOT 1 1 **THE RED CATTLE FARM** 2

3

4 **ABC 150029** 5 2015-02-03 6 SP

10

Parentage Sire Dam

DNA ✓

Genomic ✓

12 2 CO-OWNER(S)
USED IN HERD

7 DEF 100066 P

8 **DEF 050022**

9 **GHI 070076 HH(c)**
AGE/CALV. 14/10
AVG. Wt/CALV. 92/10
ICP 395

11

JKL 000077 P

13 **ABC 080011**
AGE/CALV. 13/9
AVG. Wt/CALV. 105/9
ICP 417

MNO 030002
AGE/CALV. 19/10
AVG. Wt/CALV. 109/10
ICP 407

- Lot Number
- Owner of the animal
- Herd's logo (if available)
- Animal Identification Number
- Birth date
- Herd book section - NFR / PEN / F0 / A / B / SP
- Four (4) generation pedigree
- Genomic testing - it is indicated with the GT logo
- Polled Status - the status will only be printed for animals that have been tested
- Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via either microsatellite (DNA), or Genomic testing
- QR Code - This code can be scanned with a smart device. It redirects to the animal's information on www.SABeefBulls.com where all information for the animal is available.
- Number of owners/co-owners/users/semen-users - if more than 1 user
- Dam information
 - Age and Number of Calvings
 - Average Wean Index and Number of Calves Weaned
 - Intercalving Period

MYOSTATIN STATUS

The animal's status, if tested for myostatin variants, is indicated as follows:

- Not Tested
- 0 - Normal
- 1 - Heterozygous / Carrier of Double-Muscling gene
- 2 - Homozygous / Double-Muscled

LOGIX SELECTION VALUES

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
109	98	111	99	101	98	103
1	2	3	4	5	6	7



5 L♀ GIX Cow Value

Selection of:

- Fertile cows,
- with low maintenance,
- that calf easily,
- and wean heavy calves

- 1 Calving Ease Value EBVs Birth Direct & Maternal
- Calf Growth Value EBV Wean Direct
- 3 Fertility Value EBVs Cow & Heifer Fertility, EBV Longevity
- Milk Value EBV Wean Maternal
- 4 Maintenance Value EBVs Mature weight & Milk



2 L♀ GIX Weaner Calf Value

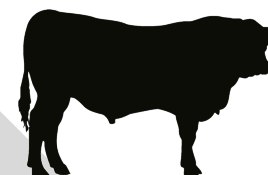
Selection of:

- Heavier weaning weights,
- with more milk,
- but restricted birth weight



7 L♀ GIX Carcass Value

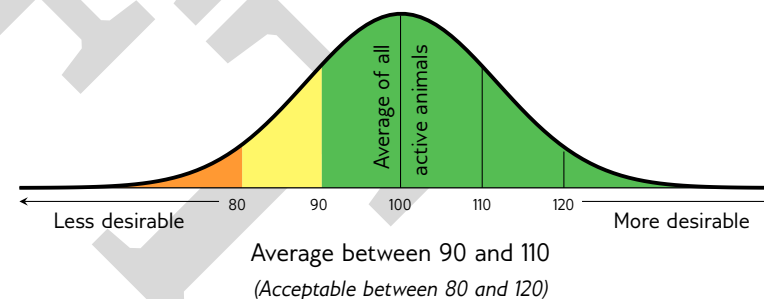
Selection for higher meat yield on carcass



6 L♀ GIX Growth Value

Selection of efficient growers on veld & in the feedlot

INTERPRETATION OF BREEDING VALUE INDICES



EXPLANATION OF BREEDING VALUES AND SELECTION VALUES

Traits				Description/Measurement	Goal	General Guidelines					
						<80	<90	90-110	>110	>120	
Selection Values	5	Cow Value	CV	Combination of Calving Ease, Calf Growth, Milk, Maintenance and Fertility Values (Rand-Value)	Profitable Cow	Loss				Profit	
	1	Calving Ease Value	CEV	Risk for calving problems (calf too heavy) vs calf too small	Average birth weight	High				Low	
		Calf Growth Value	CGrV	Calf's genetic ability for pre-weaning growth	Heavy weaner calf	Light				Heavy	
		Milk Value	MlkV	Cow's genetic mothering and milking ability	Enough milk for the calf	Less				More	
	4	Maintenance Value	MntV	Maintenance requirements of cow (cow weight and milk)	Low cow maintenance	High			*	Low	
	3	Fertility Value	FertV	Fertility and retention of cows and heifers	Fertile cows	Low				High	
	2	Weaner Calf Value	WnCV	Combination of calf's weight and cow's milk	Heavy weaner calves	Light				Heavy	
	6	Growth Value	GV	Efficient growth on veld and in feedlot (Rand-value)	Profitable growth	Loss				Profit	
Cow & Heifer	7	Carcass Value	VarcV	Meat on carcass (Weight and RTU EBVs)	More meat on the carcass	Less				More	
		Production Value	PV	Combination of Cow- and Growth values (Rand-value)	Profitable animals	Loss				Profit	
	8	Birth Weight Direct	BD	Birth weight (Calf's genetic ability)	Average birth weight	Heavy				Light	
		Birth Weight Maternal	BM	Birth weight (Cow's genetic ability)	Easy calving	Heavy				Light	
	9	Weaning Weight Direct	WD	Weaning weight (Calf's genetic ability)	Heavy weaner calves	Light				Heavy	
	10	Weaning Weight Maternal	WM	Weaning weight (Cow's genetic ability)	Good mothers	Poor				Good	
	18	Mature Cow Weight	MW	Cow weight at weaning of first three calves	Average mature cow weight	Light		*	*	Heavy	
		Cow-Calf Birth	CCB	EBV Birth Direct / EBV Mature Cow weight	Average	Low				High	
Fertility		Cow-Calf Wean	CCW	EBV Wean Direct / EBV Mature Cow weight	High calf-cow ratio	Low				High	
	12	Heifer Fertility	HF	Age at first calving	Fertile heifers	Less				More	
	13	Cow Fertility	CFE	First 3 inter-calving periods (ICPs)	Fertile cows	Less				More	
	11	Scrotal Circumference	SC	Scrotal circumference as measured during the growth test	Fertile bulls	Less				More	
Growth & Frame	14	Longevity	LG	Retention of progeny	Acceptable progeny	Poor				Good	
	15	Post-Wean Weight	PWn	12- and 18 month weights	Good post-wean growth	Low				*	High
	16	Average Daily Gain	ADG	Average daily gain	Good growth	Poor					Good
	17	Feed Conversion Ratio	FCR	100g feed intake / g weight gain	Feed efficiency	Poor					Good
		Final Test Weight	FW	Final weight in the growth test	Heavy carcass	Light			*		Heavy
	19	Height	H	Shoulder / Hip height in growth test	Average height	Short					Tall
	20	Length	L	Length in growth test	Longer for more muscle	Short					Long
	24	Length-Height Ratio	LH	EBV Length / EBV Height	Longer rather than tall	<1					>1
Carcass	21	Eye Muscle Area	EMA	RTU measured eye muscle area	Bigger steaks	Small					Big
	22	Fat Thickness	Fat	RTU measured P8 backfat thickness	Carcass quality	Thin					Thick
	23	Marbling	Mar	RTU measured % of intra-muscular fat	Juicy meat	Low					High
		Dressing Percentage	D%	Carcass weight / Live weight	High dressing percentage	Low					High

* Determined by own selection goal

GENETIC VALUES - BUILDING BLOCKS

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scrot. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
99	99	90	97	75	92	85	100	94	93	92	123	110	104	100	79
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

PHENOTYPIC VALUES

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	104	105	122	117	327	1.22
			16	17	11	24

The Logix Selection Values are compiled of specific genetic building blocks, as indicated in the selection value descriptions on the previous page. These genetic building blocks are indicated in the catalogue by their Breeding Value Indices.

- Wean, 365D, 540D, ADG and FCR Indices - phenotypic index obtained within the animal's contemporary group
- Scrotum - adjusted scrotal circumference, in mm, as measured during the growth test
- Length-Height Ratio (LH) - the animal's length / height ratio as measured during the growth test

LOT 1



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 2



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 3



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 4

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 5

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 6

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 7



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X
NT821
F94L

REMARKS:

LOT 8



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X
NT821
F94L

REMARKS:

LOT 9



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X
NT821
F94L

REMARKS:

LOT 10

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 11

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 12

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 13



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 14



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 15



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 16

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -			Weaner Calf Value -			Fertility Value -			Maintenance Value -			Cow Value -			Growth Value -			Carcass Value -		
Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass							
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar					
Wean Index		365D Index		540D Index		ADG Index		FCR Index		Scrotum		LH		EBV Analysis:						
															Myostatin					
															Q204X					
															NT821					
															F94L					

REMARKS:

LOT 17

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -			Weaner Calf Value -			Fertility Value -			Maintenance Value -			Cow Value -			Growth Value -			Carcass Value -		
Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass							
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar					
Wean Index		365D Index		540D Index		ADG Index		FCR Index		Scrotum		LH		EBV Analysis:						
															Myostatin					
															Q204X					
															NT821					
															F94L					

REMARKS:

LOT 18

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -			Weaner Calf Value -			Fertility Value -			Maintenance Value -			Cow Value -			Growth Value -			Carcass Value -		
Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass							
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar					
Wean Index		365D Index		540D Index		ADG Index		FCR Index		Scrotum		LH		EBV Analysis:						
															Myostatin					
															Q204X					
															NT821					
															F94L					

REMARKS:

LOT 19



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 20



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 21



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 22



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 23



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 24



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 25

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 26

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 27

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 28



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 29



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 30



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 31



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 32



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 33



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 34

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 35

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 36

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 37



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 38



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 39



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 40

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 41

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 42

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 43

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 44

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 45



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 46



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 47



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 48



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 49



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 50



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X
NT821
F94L

REMARKS:

LOT 51



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X
NT821
F94L

REMARKS:

LOT 52



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X
NT821
F94L

REMARKS:

LOT 53



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 54



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 55



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 56



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 57



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 58



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 59



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 60



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 61



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 62



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 63



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 64

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 65

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 66

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 67



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 68



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 69



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 70



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 71



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 72



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 73

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 74

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 75

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 76



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 77



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 78



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 79



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 80



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 81



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 82



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 83



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 84



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 85



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 86



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 87



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 88



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 89



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 90



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 91



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 92



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 93



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 94



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 95



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 96



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 97



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 98



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 99



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 100

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 101

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 102

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 103

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 104

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 105



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 106



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 107



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 108



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 109



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 110



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 111



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 112



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 113



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 114

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 115

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 116

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 117

Parentage Sire Dam

DNA

Genomic



Calving Ease Value

Weaner Calf Value

Fertility Value

Maintenance Value

Cow Value

Growth Value

Carcass Value

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
Wean Index		365D Index	540D Index	ADG Index		FCR Index		Scrotum		LH					

REMARKS:

EBV Analysis:

Myostatin

Q204X

NT821

F94L

LOT 118

Parentage Sire Dam

DNA

Genomic



Calving Ease Value

Weaner Calf Value

Fertility Value

Maintenance Value

Cow Value

Growth Value

Carcass Value

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
Wean Index		365D Index	540D Index	ADG Index		FCR Index		Scrotum		LH					

REMARKS:

EBV Analysis:

Myostatin

Q204X

NT821

F94L

LOT 119

Parentage Sire Dam

DNA

Genomic



Calving Ease Value

Weaner Calf Value

Fertility Value

Maintenance Value

Cow Value

Growth Value

Carcass Value

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
Wean Index		365D Index	540D Index	ADG Index		FCR Index		Scrotum		LH					

REMARKS:

EBV Analysis:

Myostatin

Q204X

NT821

F94L

LOT 120



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 121



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 122



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 123

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 124

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 125

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 126

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 127

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 128

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 129

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 130

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 131

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 132

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 133

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 134

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 135

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 136

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 137

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 138

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 139

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 140

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 141

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 142

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 143

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 144



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 145



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 146



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 147

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 148

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 149

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 150



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 151



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 152



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 153

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 154

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 155

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 156

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 157

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 158

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 159

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 160

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 161

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 162

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 163

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 164

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 165

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 166

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 167

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 168

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 169

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 170

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 171

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 172

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 173



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 174



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 175



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 176

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 177

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 178

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 179

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 180

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 181

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 182

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 183

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 184



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 185



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 186



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 187



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 188



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 189



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
 Myostatin
 Q204X
 NT821
 F94L

LOT 190

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 191

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 192

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 193

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 194

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 195

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 196

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 197

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
_

Weaner Calf
Value
_

Fertility
Value
_

Maintenance
Value
_

Cow Value
_

Growth
Value
_

Carcass
Value
_

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
EBV Analysis:															
Wean Index		365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH	Myostatin							

REMARKS:

LOT 198



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 199



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 200



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 201



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 202



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 203



Parentage Sire Dam

DNA
Genomic

Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 204



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 205



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 206



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 207

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 208

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 209

Parentage Sire Dam

DNA
Genomic



Calving Ease Value -	Weaner Calf Value -	Fertility Value -	Maintenance Value -	Cow Value -	Growth Value -	Carcass Value -
-------------------------	------------------------	----------------------	------------------------	----------------	-------------------	--------------------

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

REMARKS:

EBV Analysis:
Myostatin
 Q204X
 NT821
 F94L

LOT 210

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 211

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 212

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 213



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 214



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 215



Parentage Sire Dam

DNA

Genomic

Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
------------	------------	------------	-----------	-----------	---------	----

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

LOT 216

Parentage Sire Dam

DNA

Genomic



Calving Ease
Value
-

Weaner Calf
Value
-

Fertility
Value
-

Maintenance
Value
-

Cow Value
-

Growth
Value
-

Carcass
Value
-

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
Wean Index		365D Index		540D Index		ADG Index		FCR Index		Scrotum		LH			

EBV Analysis:

Myostatin

Q204X

NT821

F94L

REMARKS:

Dier Info				Actual Values						Expected Breeding Values										Indices				Dam		
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				-	-	-	-	-	-	1.04	-0.20	13.9	3.9	22	10	101	-47	10.3								
Auction Average				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1		F																								
2		F																								
3		F																								
4		F																								
5		F																								
6		F																								
7		F																								
8		F																								
9		F																								
10		F																								
11		F																								
12		F																								
13		F																								
14		F																								
15		F																								
16		F																								
17		F																								
18		F																								
19		F																								
20		F																								
21		F																								
22		F																								
23		F																								
24		F																								
25		F																								

Dier Info				Actual Values						Expected Breeding Values										Indices			Dam			
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				-	-	-	-	-	-	1.04	-0.20	13.9	3.9	22	10	101	-47	10.3	-	-	-	-	-	-	-	-
Auction Average				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26		F																								
27		F																								
28		F																								
29		F																								
30		F																								
31		F																								
32		F																								
33		F																								
34		F																								
35		F																								
36		F																								
37		F																								
38		F																								
39		F																								
40		F																								
41		F																								
42		F																								
43		F																								
44		F																								
45		F																								
46		F																								
47		F																								
48		F																								
49		F																								
50		F																								

Dier Info				Actual Values						Expected Breeding Values										Indices			Dam			
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				-	-	-	-	-	-	1.04	-0.20	13.9	3.9	22	10	101	-47	10.3	-	-	-	-	-	-	-	-
Auction Average				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51		F																								
52		F																								
53		F																								
54		F																								
55		F																								
56		F																								
57		F																								
58		F																								
59		F																								
60		F																								
61		F																								
62		F																								
63		F																								
64		F																								
65		F																								
66		F																								
67		F																								
68		F																								
69		F																								
70		F																								
71		F																								
72		F																								
73		F																								
74		F																								
75		F																								

Dier Info				Actual Values						Expected Breeding Values										Indices			Dam			
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				-	-	-	-	-	-	1.04	-0.20	13.9	3.9	22	10	101	-47	10.3	-	-	-	-	-	-	-	-
Auction Average				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76		F																								
77		F																								
78		F																								
79		F																								
80		F																								
81		F																								
82		F																								
83		F																								
84		F																								
85		F																								
86		F																								
87		F																								
88		F																								
89		F																								
90		F																								
91		F																								
92		F																								
93		F																								
94		F																								
95		F																								
96		F																								
97		F																								
98		F																								
99		F																								
100		F																								

Dier Info				Actual Values						Expected Breeding Values										Indices				Dam		
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				-	-	-	-	-	-	1.04	-0.20	13.9	3.9	22	10	101	-47	10.3	-	-	-	-	-	-	-	-
Auction Average				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101		F																								
102		F																								
103		F																								
104		F																								
105		F																								
106		F																								
107		F																								
108		F																								
109		F																								
110		F																								
111		F																								
112		F																								
113		F																								
114		F																								
115		F																								
116		F																								
117		F																								
118		F																								
119		F																								
120		F																								
121		F																								
122		F																								
123		F																								
124		F																								
125		F																								

Dier Info				Actual Values						Expected Breeding Values										Indices				Dam		
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				-	-	-	-	-	-	1.04	-0.20	13.9	3.9	22	10	101	-47	10.3								
Auction Average				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126		F																								
127		F																								
128		F																								
129		F																								
130		F																								
131		F																								
132		F																								
133		F																								
134		F																								
135		F																								
136		F																								
137		F																								
138		F																								
139		F																								
140		F																								
141		F																								
142		F																								
143		F																								
144		F																								
145		F																								
146		F																								
147		F																								
148		F																								
149		F																								
150		F																								

Dier Info				Actual Values						Expected Breeding Values										Indices				Dam		
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				-	-	-	-	-	-	1.04	-0.20	13.9	3.9	22	10	101	-47	10.3	-	-	-	-	-	-	-	-
Auction Average				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
151		F																								
152		F																								
153		F																								
154		F																								
155		F																								
156		F																								
157		F																								
158		F																								
159		F																								
160		F																								
161		F																								
162		F																								
163		F																								
164		F																								
165		F																								
166		F																								
167		F																								
168		F																								
169		F																								
170		F																								
171		F																								
172		F																								
173		F																								
174		F																								
175		F																								

Dier Info				Actual Values						Expected Breeding Values										Indices				Dam		
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				-	-	-	-	-	-	1.04	-0.20	13.9	3.9	22	10	101	-47	10.3								
Auction Average				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
176		F																								
177		F																								
178		F																								
179		F																								
180		F																								
181		F																								
182		F																								
183		F																								
184		F																								
185		F																								
186		F																								
187		F																								
188		F																								
189		F																								
190		F																								
191		F																								
192		F																								
193		F																								
194		F																								
195		F																								
196		F																								
197		F																								
198		F																								
199		F																								
200		F																								

Dier Info				Actual Values						Expected Breeding Values										Indices				Dam		
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average				-	-	-	-	-	-	1.04	-0.20	13.9	3.9	22	10	101	-47	10.3	-	-	-	-	-	-	-	-
Auction Average				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
201		F																								
202		F																								
203		F																								
204		F																								
205		F																								
206		F																								
207		F																								
208		F																								
209		F																								
210		F																								
211		F																								
212		F																								
213		F																								
214		F																								
215		F																								
216		F																								

EXPLANATION OF CATALOGUE ABBREVIATIONS

VERDUIDELIKING VAN KATALOGUS AFKORTINGS

Lot Number	LOT	LOT	Lot Nommer
Estimated breeding value	EBV	EBV	Beraamde teelwaarde
Parentage verification	Parentage	Ouerskap	Ouerskap verifikasie
Age in years / Number of calvings	AGE. / CALV.	OUD. / KALF.	Ouderdom in jaar / Aantal kalwings
Average Wean index / Number of calves weaned	Ave WI / CALV.	GEM SI / KALF.	Gemiddelde speen indeks / Aantal kalwers gespeen
Animal identification number	ID	ID	Dier se identifikasie nommer
Herd Book Section	SEC	AFD	Kuddeboek Afdeling
Herd Book Section: Pending Registration	PEN	PEN	Kuddeboek Afdeling: Wag vir Registrasie
Herd Book Section: Not for Registration	NFR	NFR	Kuddeboek Afdeling: Nie vir Registrasie
Herd Book Section: Foundation Generation	FO	FO	Kuddeboek Afdeling: Fondasie Generasie
Herd Book Section: Appendix A	A	A	Kuddeboek Afdeling: Aanhangsel A
Herd Book Section: Appendix B	B	B	Kuddeboek Afdeling: Aanhangsel B
Herd Book Section: Studbook Proper, a registered animal	SP	SP	Kuddeboek Afdeling: Studbook Proper, 'n geregistreerde dier
Genomically Tested	GT	GT	Genomies Getoets
Homozygous Horned (Celtic test)	HH(c)	HH(c)	Homosigoties horings (Celtic toets)
Homozygous Polled (Celtic test)	PP(c)	PP(c)	Homosigotiets Poena (Celtic toets)
Heterozygous Polled (Celtic test)	Pp(c)	Pp(c)	Heterosigoties Poena (Celtic toets)
Phenotypically Polled	P	P	Fenotopies Poena
Intercalving Period	ICP	TKP	Tussen-Kalf Periode
Birth Direct breeding value	Birth Dir.	Geb. Dir	Geboorte Direk teelwaarde
Wean Direct breeding value	Wean Dir.	Spn. Dir.	Speen Direk teelwaarde
Wean Maternal breeding value	Wean Mat.	SPn. Mat.	Speen Maternaal teelwaarde
Scrotal Circumference	Scr. Circ.	Skr. Omt.	Skrotum omtrek
Heifer Fertility	Heifer Fert.	Vers Vrugb.	Vers Vrugbaarheid
Cow Fertility	Cow Fert.	Koei Vrugb.	Koei Vrugbaarheid
Longevity	Longev.	Lankl.	Lanklewendheid
Mature Weight	Mat. Wt.	Volw. Gewig	Volwasse gewig
Average Daily Gain (g/day)	ADG	GDT	Gemiddelde Daaglikse Toename
Feed Conversion Ratio (kg:kg)	FCR	VOV	Voeromset Verhouding
Eye Muscle Area	EMA	OSO	Oogspier grootte
Backfat Thickness	Fat	Vet	Rugvet Diepte
Marbeling (intra-muscular fat)	Mar	Mar	Marmering (binne-spierse vet)
365-day weight index	365D Index	365D Indeks	365-dae gewig indeks
540-day weight index	540D Index	540D Indeks	540-dae gewig indeks
Length-Height ratio	LH	LH	Lengte-Hoogte Verhouding
Actual Birth weight	Birth Wt.	Geb. gewig	Werklike Geboorte gewig
205-day Dam-age corrected weight	205d Wt.	205d gewig	205-dag Moeder-ouderdom gekorrigeerde gewig
Cow-Calf Birth Ratio	CCG	KKG	Koei-Kalf Geboorte Verhouding
Cow-Calf Wean Ratio	CCW	KKS	Koei-Kalf Speen Verhouding
Average Weaning Index	Avg. Wean Index	Gem. Spn. Indeks	Gemiddelde speen indeks
Number of Calves	Nr. Calves	Aant. Kalw.	Aantal kalwers
Reproduction Index	Repr. Index	Repr. Indeks	Reproduksie indeks
Animal sex: M - Male, F - Female	M / F	M / V	Dier geslag: M - Manlik, V - Vroulik