

BEEFMASTER

GENOMIC BREEDING VALUE REPORT

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BEEFMASTER
CATTLE BREEDERS' SOCIETY OF SA
BEESTELERSGENOOTSAP VAN SA



EBVs, EBVi's and GEBVs

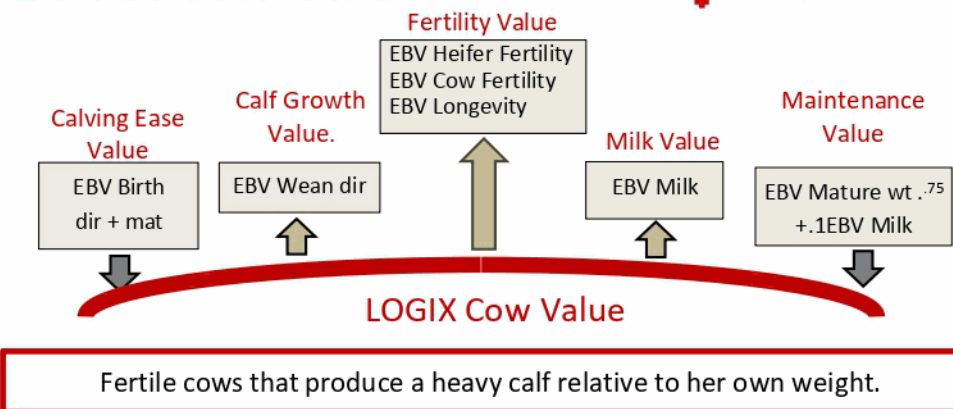
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

EBV (Breeding Value): Genetic potential relative to the average of the animals born in the base year (1990), expressed in the unit of measurement.

GEBV (Genomic Breeding Value) Interpreted like the EBVi. (GEBV = EBV + Genomic information)

LOGIX Selection values combine different breeding values in a logical way. For example, Heifer Fertility (how early a heifer starts calving), Cow Fertility (how regular she calves) and Longevity (retention within the family) are combined to form the Fertility Value.

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

- fertile,
- low maintenance,
- easy calving cows
- with heavy weaners

LOGIX Growth Value



Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Carcass Value



Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

- Selection Values 90 to 110
 - Cow Value and Fertility Value average to high
- A safe choice, as animals are profitable in most environments.

GROWERS

(GOOD ENVIRONMENT)

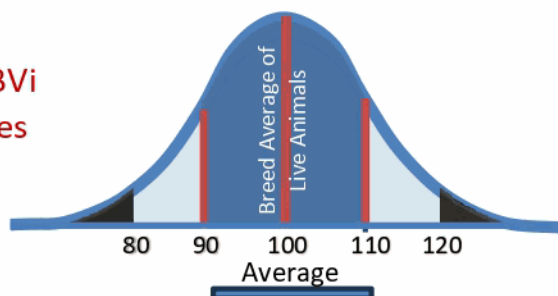
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

Interpretation of EBVi and Selection Values



Examples

Type of Animal	Cow Value	Calving Ease V	Weaner Calf V	Milk Value	Maint. Value	Fertility Value
Average	Med-High	Avg	Avg	Avg	Avg	Med-High
Grower	Med-High		High			Med-High
Low Maintenance	Med-High				High	Med-High

Contemporary Groups

The correct composition of contemporary groups is one of the cornerstones of BLUP breeding value estimation. Breeding values are estimated from the differences between animals exposed to the same environment, *as these differences are caused by genetics*. The following aspects are important:

1. Animals at the same time, place and treatment

A contemporary group is a comparable group of animals measured at the same time in the same environment. It is therefore a comparable group of animals that were together on the same farm or camp in the same year and season. If there are animals in the group that were treated differently, they should be given a separate treatment code because their performance is influenced by other environmental influences than the rest of the group. Examples of possible different treatments are when some animals received supplements or creep feed, sale or show animals, embryo donors, sick or foster calves or even purchased cows and calves. If bull and heifer calves or older cows and young heifers were in the same camp, they should be placed in the same group – corrections for sex, age and first calving of cows are automatically made during breeding value estimation.

2. Progeny of at least two sires, of which one is a link sire

The progeny of different sires needs to be compared in the same group in order to determine the sires' genetic merit relative to each other. At least one sire should be a link sire with progeny in other herds. Genetic links between herds are used to determine the position of sires in the breed. All sires are good link sires. Smaller herds could artificially inseminate some cows or allow some cows to be covered by another herd's bull.

3. Larger groups stabilise Breeding Values

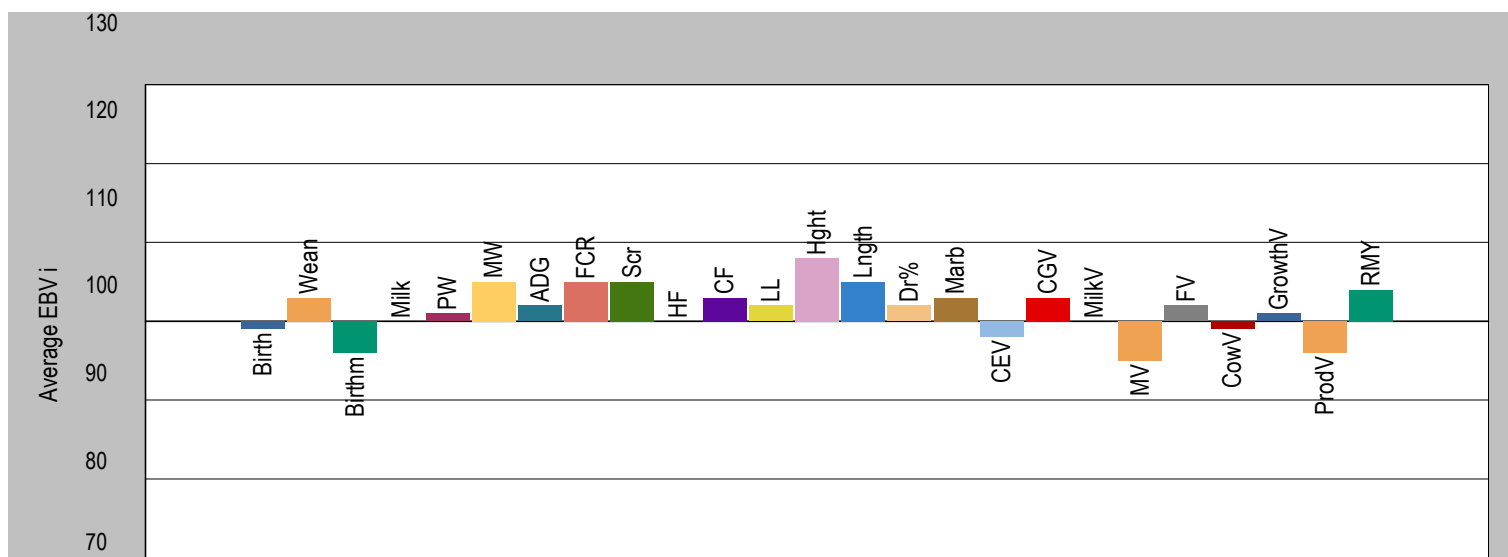
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for age differences are made during genetic evaluation. The use of breeding seasons rather than through the year calving will also increase contemporary group size. Groups with less than 3 animals are not included in breeding value estimation. An accidental mistake in a small group affects the animal itself, its family, all the other animals in the group and their families. The effect could be much less in large groups.

4. Measure all animals in the contemporary group

Weigh ALL the animals in the contemporary group, the good as well as the poor performers. Weigh animals before they are culled, so their parents can be penalized for their poor breeding.



Herd and Breed Averages



Breeding Values:

Birth:	Birth weight	Scr:	Scrotal circumf.
Wean:	Weaning weight	HF:	Heifer Fertility
Birthm:	Birth maternal	CF:	Cow Fertility
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Hght:	Height
MW:	Mature weight	Lngth:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle Area
FCR:	Feed Conversion Ratio	RMY:	Carcass Value
		Marb:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MilkV:	Milk Value
MV:	Maintenance Value
FV:	Fertility Value
CowV:	Cow Value (CV)
GrowthV:	Growth Value (GV)
ProdV:	Production Value (PV)

	Trait	EBV Herd	EBV Index	EBV Breed
Prewean Growth	Birth Weight	0.41	99	0.34
	Wean Weight	14.1	103	12.1
	Birth Mat.	0.10	96	-0.05
	Milk (Wn.Mat.)	-1.5	100	-1.4
Postwean Growth	Postwean Wt	20.1	101	19.0
	Mature Weight	12	105	7
	ADG	81	102	72
	FCR	-45	105	-39
Fertility	Scrotal Circumf.	13.8	105	11.1
	Heifer Fertility	-7.6	100	-7.5
	Cow Fertility	-4.6	103	-4.1
	Longevity	16.2	102	14.8
Frame	Height	6	108	1
	Length	18	105	13
Carcass	EMA	1.07	102	0.85
	Fat	0.60	109	0.11
	Marbling	0.45	103	0.30

Selection Value	Ave. Herd
Calving Ease	98
Calf Growth	103
Milk	100
Maintenance	95
Fertility	102
Cow Value	99
Growth Value	101
Production Value	96
Carcass Value	104

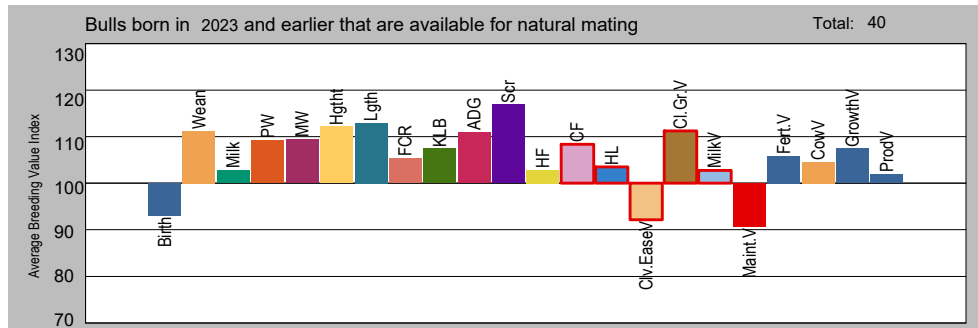
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

What does a sub-selection value above breed average (100) mean?:

Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve

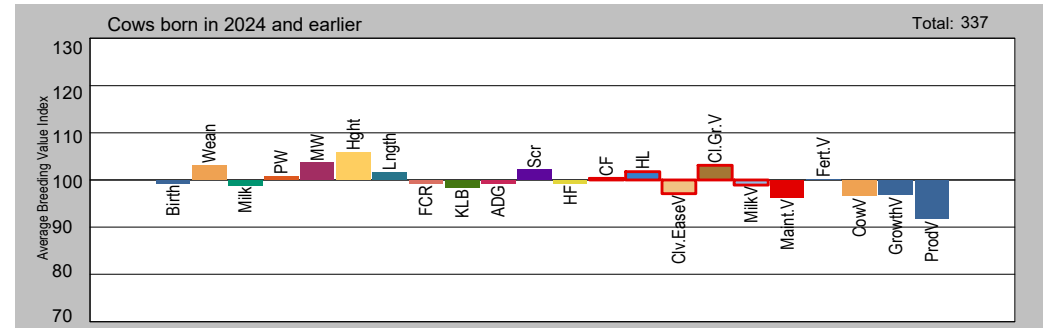
Genetic Windows

Bulls on the farm



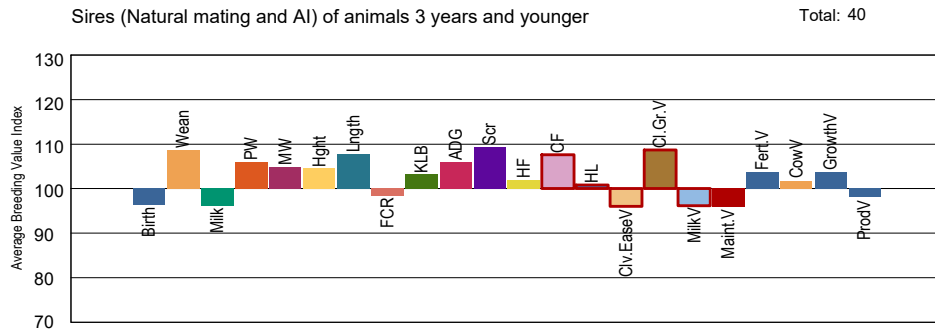
Animals available for breeding

Cow Herd

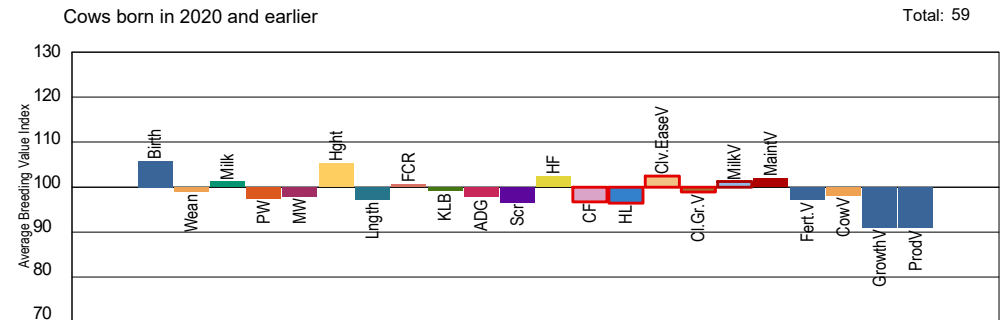


Results of previous selection decisions

Sires of young animals

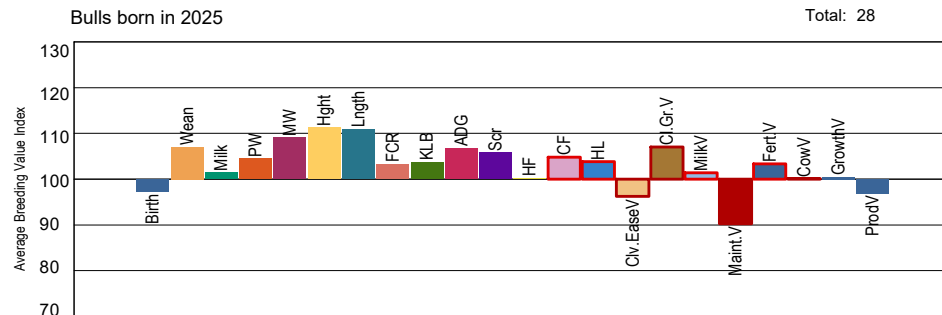


Cows older than 6 years

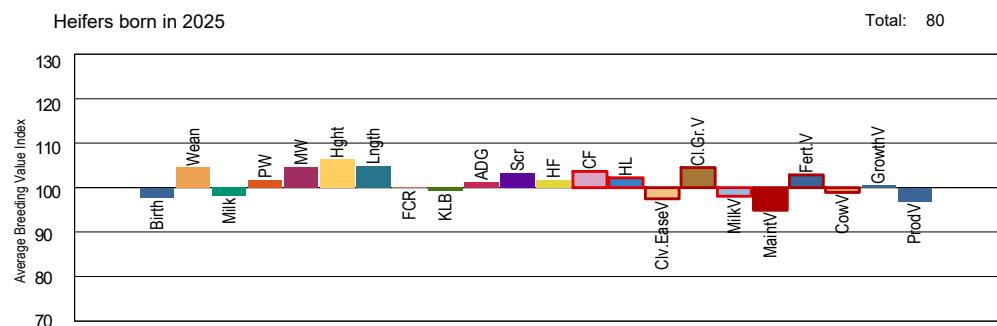


Selection possibilities

Bull calves



Heifer calves

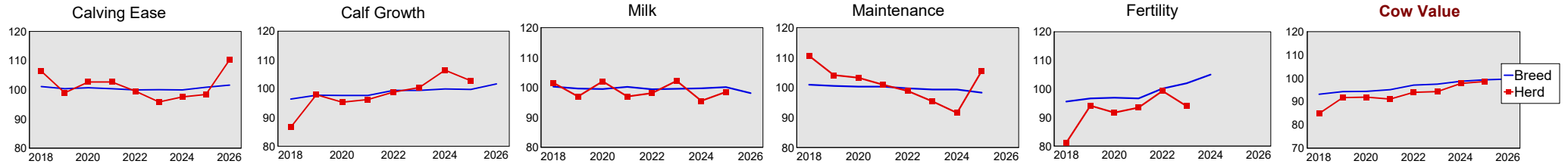


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertiity				Frame		
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	
Cows in Breed Average:			100	99	100	101	100	100	99	100	100	99	99	100	99	99	99	99	99	99	100	100	100	99	99
2014	4	★★★★	105	91	120	91	93	99			105	91	97	120	91	106			92	91	96				
2015	3	★★★★☆	114	88	110	102	89	89			112	88	100	110	86	96			104	91	95				
2016	7	★★★★☆	106	89	117	100	97	102			106	89	97	117	87	99			95	93	100				
2017	12	★★★★	103	92	115	93	101	98			103	92	99	115	91	105			98	98	101				
2018	16	★★★★	107	91	102	101	96	96			109	91	92	102	90	98	103	103	94	97	95	98	106	103	
2019	33	★★★★	103	100	95	102	98	96	95	89	106	100	91	95	97	99	96	95	100	103	98	97	103	98	
2020	37	★★★★	103	96	106	103	97	99	89	92	106	96	89	106	96	97	98	101	93	102	95	98	108	96	
2021	32	★★★★	100	99	99	96	96	92	101	84	103	99	92	99	97	105	99	98	97	93	97	102	108	102	
2022	67	★★★★	98	101	98	97	101	95	100	90	101	101	90	98	98	104	97	96	103	102	100	101	104	99	
2023	88	★★★★	94	104	101	96	98	96	97	92	97	104	92	101	102	103	99	97	107	97	101	99	106	102	
2024	102	★★★★	96	106	97	93	104	99	98	95	96	106	100	97	104	106	102	100	102	100	103	107	107	105	
2025	80	★★★★	98	104	98	95	103	99	101	97	98	104	99	98	102	105	101	99	103	102	104	102	106	105	
2026	6	★★★★☆	111	96	91	109	103	103	83	94	107	96	110	91	95	92	89	89	92	105	103	102	90	90	
Cows in Herd Average:			103	97	104	98	98	97	96	92	104	97	96	104	95	101	98	98	99	99	98	100	104	100	

Genetic Trends for On-Farm Traits

The graphs show the genetic gain of the herd relative to the breed. Only data of animals with measurements are included.



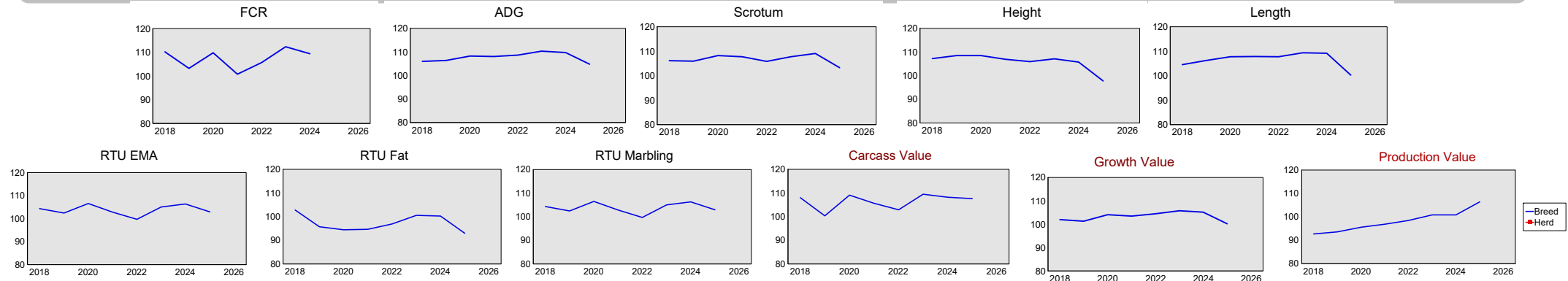
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value	
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity		
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV			Number
2018	81	-0.29	0.20	106	60	4.4	87	60	-0.99	102	39	7.3			111	31	-0.7	7	-2.7	80	0.8	81	85	
2019	144	0.14	0.38	99	141	10.9	98	141	-2.25	97	99	15.4			104	63	-7.0	49	-4.2	144	7.5	94	92	
2020	183	-0.18	0.43	103	178	9.4	95	178	-0.84	102	111	16.0	25	3	103	77	-6.4	61	-2.6	182	8.2	92	92	
2021	218	-0.07	0.27	103	192	9.9	96	192	-2.26	97	113	16.1	42	9	101	70	-3.5	46	-3.6	209	8.0	93	91	
2022	258	0.12	0.34	100	241	11.5	99	241	-1.94	98	159	17.6	64	9	99	80	-8.2	13	-4.0	64	11.2	99	94	
2023	278	0.50	0.20	96	269	12.4	100	269	-0.80	102	158	20.9	7	3	95	10	-7.2					94	94	
2024	246	0.56	-0.08	98	240	15.8	106	240	-2.68	96	138	23.7			92								98	
2025	242	0.43	0.02	98	226	13.7	103	226	-1.84	98	17	13.9			106								99	
2026	12	-0.11	-0.49	110																				

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value	
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity			Ferti-lity		
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV	Number			EBV
2016	13219	0.14	0.07	102	12679	9.1	95	12679	-1.48	100	8440	15.3	1794	3	102	3547	-3.4	2382	-3.3	17317	7.0	92	91	
2017	13995	0.13	0.10	101	13543	9.5	95	13543	-1.37	100	9155	16.1	1876	5	102	3705	-3.9	2610	-3.3	17744	7.7	93	92	
2018	14638	0.19	0.05	101	14085	10.0	96	14085	-1.34	100	9471	16.9	2043	6	101	3752	-4.9	2671	-3.5	18478	8.4	96	93	
2019	14156	0.27	0.02	100	13892	10.8	98	13892	-1.52	100	9219	18.0	2528	6	101	4491	-5.8	3152	-3.8	18218	9.0	97	94	
2020	15148	0.25	0.00	101	15376	10.8	98	15376	-1.55	99	10390	17.9	2588	6	100	4524	-5.8	3018	-3.8	19306	9.7	97	94	
2021	16009	0.27	0.04	100	16004	10.8	98	16004	-1.35	100	10852	18.0	2635	6	100	4750	-5.2	2794	-3.8	18490	8.9	97	95	
2022	17601	0.32	-0.01	100	16942	11.8	99	16942	-1.58	99	11576	19.5	2295	8	100	4355	-6.7	1065	-4.2	8636	9.8	100	97	
2023	18573	0.32	-0.02	100	18307	11.8	99	18307	-1.53	100	11750	19.7	741	11	99	2183	-7.2	100	-4.8			102	98	
2024	18117	0.35	-0.05	100	16963	12.1	100	16963	-1.48	100	9904	20.0	3	6	99	166	-7.7					105	99	
2025	17947	0.27	-0.03	101	15468	12.0	100	15468	-1.38	100	2468	22.0			98								99	
2026	5644	0.19	0.00	102	192	13.1	102	192	-1.95	98													100	

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth									Frame						Carcass						Selection Values			
	FCR			ADG			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2018																									
2019																									
2020																									
2021																									
2022																									
2023																									
2024																									
2025																									
2026																									

Breed

Birth Year	Growth									Frame						Carcass						Selection Values				
	FCR			ADG			Scrotum			Height			Length			RTU		EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	EBV	EBVi	EBV	EBVi				
2017	62	-38	100	1015	76	101	979	12.8	103	953	4	105	953	15	102	101	0.00	91	0.00	98	0.00	95	93	97	91	
2018	16	-50	110	835	94	106	830	14.6	106	830	6	107	830	18	105	33	1.18	103	0.28	103	0.55	104	108	102	93	
2019	13	-43	103	772	95	106	773	14.5	106	767	6	108	766	19	106	32	0.58	97	-0.14	96	0.44	102	100	101	94	
2020	15	-50	110	1035	102	108	1026	15.8	108	960	6	108	960	21	108	60	1.56	107	-0.22	94	0.67	107	109	104	96	
2021	20	-40	101	1162	102	108	1151	15.5	108	1048	5	107	1048	21	108	148	1.41	106	-0.20	95	0.46	103	106	104	97	
2022	20	-45	106	1222	104	109	1266	14.4	106	1115	5	106	1115	21	108	147	1.11	103	-0.08	97	0.28	100	103	104	99	
2023	10	-52	112	1270	110	110	1263	15.5	108	1127	5	107	1127	22	109	250	1.52	107	0.14	101	0.58	105	109	106	101	
2024	11	-49	109	918	108	110	945	16.3	109	790	5	106	790	22	109	127	1.57	107	0.12	100	0.66	106	108	105	101	
2025				54	90	105	58	13.0	103	58	0	98	58	14	100	25	1.70	109	-0.30	93	0.47	103	108	100	106	
2026																										

Sires

Bull				Selection Values								Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny	
ID	Index EBV Acc	Sire ID	Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.
				Name																										
AHD140091		BOS 100484 AHD 080040		104	112	71	111	89	92			108	112	85	71	109	92	108	92	96	113	96	71	102	104	111	100	130	59	76
AHD140091				90	93	86	54	69	73			-0.34	19.0	0.53	-9.4	25.9	-2	100	-30	9.0	-18.0	-3.4	-3.4	2	18	1.96	0.13	1.97		
AHD140091												92	93	82	86	76	54	26	9	28	79	46	83	28	28	14	13	12	28	62
BC 160639		BA 100010 BP 130346		105	88	128	114	92	109	98	103	116	88	64	128	95	86	114	130	85	115	80	91	111	91	90	148	115	171	153
BC160639				96	97	93	86	90	85	88	86	-0.96	5.2	1.37	6.4	15.0	-9	122	-72	2.6	-19.4	-0.1	9.2	8	5	-0.14	2.90	1.17	3	41
BC160639												97	97	92	93	93	86	87	87	89	92	85	92	89	88	86	85	85		86
BC 171044		BC 141089 BC 141015		88	118	75	84	87	74			89	118	100	75	114	118				81	94	95						20	20
BC171044				80	84	71	34	54	61			1.26	22.3	-0.06	-8.3	29.9	28				7.4	-3.0	11.4						9	17
BC171044												84	84	66	71	52	34				64	29	68							
BC 190032		BA 150135 BC 170012		87	111	140	114	101	133	115	130	89	111	98	140	121	86	117	105	134	117	103	86	115	114	113	106	125	58	129
BC190032				92	96	87	86	87	82	86	83	1.28	18.7	0.01	9.8	35.3	-9	135	-45	30.3	-21.0	-4.7	6.1	10	27	2.16	0.48	1.72		
BC190032												94	96	86	87	92	86	86	84	88	88	84	90	88	87	84	84	84	10	10
BOS088471		BOS 022109 BOS 033011		91	117	96	89	115	110	105	106	86	117	115	96	114	111	108	102	101	105	122	108	87	106	109	107	104	20	131
BOS088471				94	97	96	92	94	87	90	88	1.46	21.7	-0.65	-2.6	29.6	19	101	-42	11.5	-11.5	-8.5	19.9	-6	19	1.71	0.52	0.55		
BOS088471												94	97	93	96	94	92	90	89	91	95	91	96	91	91	89	89	89	50	200
BOS100193		BOS 033210 BOS 011058		75	132	93	63	104	90	131	93	65	132	130	93	126	150	132	120	93	98	114	99	135	137	131	125	157	41	58
BOS100193				95	96	94	91	92	86	89	87	3.24	30.5	-1.24	-3.5	39.3	64	188	-61	6.9	-5.7	-6.9	14.0	22	49	3.87	1.57	3.53		
BOS100193												96	96	93	94	93	91	91	87	92	92	89	94	91	91	88	88	88	24	72
BOS100484		BOS 066188 BOS 066072		107	129	59	89	94	91	132	94	108	129	92	59	122	113	129	103	102	90	107	89	114	125	135	106	157	69	75
BOS100484				93	94	91	62	80	78	37	70	-0.36	28.8	0.28	-13.0	35.7	22	176	-42	12.4	0.6	-5.5	8.1	9	37	4.34	0.45	3.53		
BOS100484												94	94	89	91	88	62	53	18	56	86	63	91	56	55	27	25	25	27	134
BOS122346		BOS 066337 BOS 099181		68	125	87	73	106	85	113	84	79	125	76	87	116	133	115	105	145	99	102	112	120	126	112	141	128	288	299
BOS122346				99	99	98	96	97	90	96	91	2.10	26.5	0.89	-5.1	31.3	45	128	-45	36.5	-6.8	-4.5	22.4	13	38	2.01	2.52	1.90		
BOS122346												99	99	97	98	98	96	96	95	96	97	95	98	96	96	95	95	95	64	190
BOS144062		BOS 099241 BOS 088419		89	114	98	94	109	107	102	103	87	114	128	98	112	104	103	90	80	116	95	113	90	112	111	99	102	2	49
BOS144062				76	91	87	64	77	73	43	67	1.41	20.5	-1.17	-2.1	28.3	12	84	-28	-0.3	-20.2	-3.0	23.0	-4	24	1.97	0.02	0.43		
BOS144062												77	91	74	87	78	64	65	15	71	84	62	86	72	70	34	31	31	4	27
BOS155035		BOS 099241 BOS 088083		87	100	113	84	104	93	83	86	84	100	113	113	102	116	86	75	103	110	110	91	103	102	95	104	103	133	135
BOS155035				96	97	93	89	92	86	88	86	1.64	12.3	-0.55	2.2	20.9	25	22	-12	12.8	-15.2	-6.2	9.4	3	16	0.39	0.36	0.46		
BOS155035												97	97	93	93	94	89	89	88	89	93	90	94	89	89	88	88	88	31	46
BOS177146		BOS 144451 BOS 144160		103	120	78	81	142	127	96	120	97	120	123	78	121	123	105	102	102	119	149	134	89	114	122	130	103	16	371
BOS177146				98	99	98	96	97	89	96	90	0.56	23.5	-0.97	-7.6	35.6	33	89	-41	12.2	-22.1	-13.9	35.8	-5	26	3.06	1.87	0.46		
BOS177146												98	99	97	98	98	96	96	96	97	98	96	98	97	97	96	96	96	5	61

Sires

Bull				Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID	Dam ID	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	FCR	Scrotal	Heifer	Cow	Long-evi	Height	Length	EMA	Fat	Marbling	Birth	Wean
				Ease	Grwth	Value	Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty					
BOS 177213				116	103	99	102	127	130	104	124	119	103	86	99	104	97	107	102	121	125	122	118	100	102	98	141	116	32	127
BOS177213				92	96	92	88	91	84	87	85	-1.24	13.9	0.49	-1.7	22.4	3	97	-41	22.8	-27.2	-8.5	26.1	1	16	0.65	2.52	1.22	18	32
BOS 188154				70	122	71	94	107	87	90	81	72	122	143	71	113	106	107	110	121	87	110	117	93	111	124	103	111	494	467
TOP GUN BOS 18 8154				99	99	97	97	97	90	97	91	2.63	24.6	-1.77	-9.6	29.1	14	98	-50	23.1	2.8	-6.1	25.2	-2	24	3.17	0.25	0.93	86	33 38
BOS 188650				121	104	68	122	99	105	105	102	116	104	128	68	103	82	110	108	119	84	103	110	96	104	111	99	103	7	97
BOS188650				92	96	93	90	92	85	90	86	-0.99	14.3	-1.18	-10.5	21.1	-14	110	-48	22.0	4.7	-4.6	21.1	-1	17	1.95	0.06	0.46	5	9 12
BOS 199155				82	111	88	110	94	93	104	90	78	111	121	88	112	92	105	92	104	96	93	99	104	112	104	93	105	6	6
BOS199155				60	73	56	37	50	52	26	47	2.13	18.5	-0.87	-4.8	28.7	-2	91	-31	13.6	-4.1	-2.6	14.0	3	25	1.21	-0.30	0.60		
BOS 199424				88	126	79	79	119	104	120	103	83	126	120	79	125	125	127	125	126	97	118	126	115	122	119	126	119	138	120
BOS199424				97	97	95	94	94	87	94	88	1.73	27.1	-0.86	-7.4	38.7	36	171	-66	26.2	-5.4	-7.8	31.1	10	34	2.67	1.61	1.36	5	3 3
BOS 200011				97	108	99	93	116	111	96	105	96	108	104	99	107	105	101	96	87	114	115	108	89	97	97	97	104	125	112
BOS200011				95	96	92	89	90	85	90	86	0.70	17.0	-0.23	-1.7	24.4	13	75	-34	3.7	-18.3	-7.2	20.1	-5	10	0.51	-0.08	0.53	6	
BOS 200298				77	122	99	80	111	101	110	99	70	122	112	99	119	123	118	105	111	106	99	122	131	133	116	98	127	123	119
BOS200298				95	96	90	84	86	83	84	83	2.82	24.7	-0.53	-1.6	33.5	33	138	-45	17.1	-11.9	-3.8	28.2	19	45	2.47	-0.02	1.82		
CM 130234				85	118	66	97	92	79	99	76	82	118	113	66	114	103	101	93	85	101	103	80	117	109	114	119	136	50	46
CM13234				89	90	83	56	70	72	43	66	1.83	22.6	-0.57	-10.9	30.0	10	76	-31	2.5	-8.3	-4.8	2.6	11	22	2.20	1.23	2.36	1	22 47
CR 160021				107	109	103	104	97	111	96	105	105	109	104	103	109	95	98	82	146	113	92	92	88	100	102	94	107	174	169
CR160021				96	97	92	88	88	85	87	85	-0.06	17.4	-0.21	-0.4	26.1	1	64	-20	37.6	-17.9	-2.4	9.8	-6	14	1.09	-0.22	0.67	26	31 71
GH 160126				104	106	125	113	87	117			110	106	80	125	101	88				87	96	87						45	44
GH160126				86	89	80	40	62	67			-0.46	15.7	0.73	5.6	20.1	-6				2.4	-3.4	6.9						18	43
GH 180359				94	111	89	105	94	97			96	111	93	89	106	95	110	101	99	86	96	104	110	110	110	92	111	21	21
GH 180359				78	80	73	60	58	65			0.65	18.2	0.21	-4.4	23.6	1	107	-40	10.4	3.2	-3.3	17.5	7	23	1.81	-0.36	0.93		
																													14	22

Sires

Bull			Selection Values								Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny	
ID	Index EBV Acc	Sire ID Dam ID	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	FCR	Scrotal	Heifer	Cow	Long-evi	Height	Length	EMA	Fat	Marbling	Birth	Wean
			Ease Value	Grwth Value	Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty						Test
GH 190705		BOS 100484 GH 141390	111	96	96	110	95	100			114	96	86	96	92	92	101	92	90	92	101	97	103	102	102	89	108	15	15
GH 190705			75	78	64	48	52	59			-0.85	9.8	0.50	-2.5	13.2	-2	76	-30	5.5	-1.2	-4.3	13.0	3	15	1.08	-0.52	0.72		
											79	78	60	64	59	48	26	9	28	58	33	66	28	28	14	13	12	5	9
GH 190706		BOS 100484 GH 131024	107	101	65	99	93	76			111	101	86	65	98	101	95	85	87	91	90	103	96	94	95	88	103	5	5
GH 190706			67	69	60	43	49	54			-0.54	12.6	0.50	-11.4	17.4	8	53	-23	3.6	-0.2	-2.0	16.8	-1	7	0.39	-0.62	0.45		
											70	69	56	60	54	43	26	9	28	53	33	61	28	28	14	13	12	3	6
GH 190711		BOS 100484 GH 141370	98	123	82	76	86	82	131	86	102	123	88	82	116	129	127	114	95	73	99	96	133	130	130	99	127	51	47
GH 190711			85	88	66	45	55	64	40	59	0.20	25.7	0.43	-6.5	31.2	40	171	-55	8.4	14.0	-3.8	12.1	20	42	3.85	0.05	1.80		
											90	88	68	66	74	45	63	9	71	59	33	72	72	69	14	13	12	7	8
OBS 140279		BOS 033044 OBS 070110	115	105	58	127	118	114	101	109	115	105	92	58	95	75	95	83	90	120	116	108	74	86	94	97	116	141	169
OBS14279			94	96	88	52	74	75	34	67	-0.94	14.8	0.26	-13.1	15.1	-21	53	-21	5.2	-23.1	-7.2	20.0	-14	0	0.28	-0.06	1.21		
											96	96	86	88	91	52	53	13	55	88	50	83	53	52	20	19	18	44	62
OKT 160004		OKT 130031 OKT 060038	83	90	119	102	89	86	86	79	83	90	107	119	92	96	87	69	95	63	126	85	90	92	88	88	93	184	179
OKT 160004			96	97	92	90	90	85	89	86	1.77	6.4	-0.32	3.8	13.2	2	23	-5	8.3	21.7	-9.2	5.3	-4	5	-0.36	-0.61	-0.10		
											97	97	92	92	94	90	91	85	93	91	87	93	93	93	85	85	85	23	33
ONE 188011		BOS 155035 BOS 155700	83	113	112	84	106	103	102	99	83	113	103	112	113	116	107	95	110	104	109	102	109	114	113	110	118	17	17
ONE 188011			74	78	63	41	55	58	22	51	1.71	19.8	-0.16	1.9	29.0	25	98	-34	17.0	-11.0	-5.8	15.9	6	26	2.08	0.70	1.31		
											78	78	59	63	64	41	32	10	34	66	37	63	33	33	20	18	18	6	6
PB 160059		AL 130633 PB 130166	89	108	85	113	107	103			96	108	80	85	104	90	101		113	118	124	78	89	89	97	128	139	87	84
PB160059			92	94	88	45	72	73			0.67	16.6	0.74	-5.6	21.9	-4	76		18.8	-21.3	-8.9	1.3	-5	3	0.56	1.74	2.48		
											94	94	85	88	80	45	25		27	85	48	84	27	26	6	6	6	33	66
PB 190051		GH 160402 PB 160168	113	94	121	93	106	112			111	94	103	121	96	104				119	104	95						65	67
pb190051			86	91	69	34	47	62			-0.54	8.9	-0.18	4.6	15.7	12				-22.2	-4.8	11.7							
											91	91	67	69	56	34				63	10	68						10	10
PD 150024		PD 080166	104	123	79	93	77	87			106	123	92	79	124	106	113	110	111	74	91	82	124	119	106	100	124	27	26
PD15-0024			82	84	75	31	58	62			-0.14	25.4	0.26	-7.2	37.5	14	120	-50	17.6	12.5	-2.3	3.5	15	31	1.44	0.09	1.65		
											85	84	70	75	66	31	20	5	21	68	34	72	21	21	15	14	13	15	29
PD 210008		PD 180276 PD 180209	117	100	91	110	105	111			115	100	101	91	95	92	99	88	103	115	113	88	100	97	101	107	112	12	33
PD21-0008			62	85	50	20	40	49			-0.88	12.3	-0.09	-4.0	15.3	-2	69	-26	12.6	-19.1	-6.7	7.4	1	11	0.94	0.49	0.98		
											69	85	36	50	63	20	20	8	22	37	25	59	22	21	12	11	10		
PR 180040		PR 150110	127	73	79	125	82	77			133	73	84	79	71	77				89	81	90						13	13
PR 180040			70	74	56	44	39	53			-2.38	-3.7	0.58	-7.2	-3.6	-19				1.1	-0.2	8.7							
											75	74	51	56	33	44				53	9	55						7	8

Sires

Bull			Selection Values								Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny	
ID	Index EBV Acc	Sire ID Dam ID	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	FCR	Scrotal	Heifer	Cow	Long-evi	Height	Length	EMA	Fat	Marbling	Birth	Wean
			Ease Value	Grwth Value	Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty						Grwth Test
PR 190012		AHD 140091 PR 140048	103	107	70	115	102	99			105	107	92	70	100	89	111		102	112	109	88	100	104	113	103	127	60	54
PR 190012			87	90	76	58	57	69			-0.05	16.4	0.25	-9.7	19.2	-6	110		12.1	-16.5	-5.9	7.4	2	17	2.11	0.28	1.80		
PR 190012											91	90	74	76	68	58	13		14	72	29	71	14	14	7	6	6	16	23
PR 190024		PB 160059 PR 160090	112	90	90	115	106	103			116	90	81	90	88	87	84		95	123	108	88	86	80				9	8
PR 190024			71	73	59	27	44	52			-1.02	6.2	0.71	-4.1	10.1	-7	14		8.3	-25.1	-5.7	7.5	-6	-6				2	2
PR 190024											75	73	56	59	52	27	12		13	50	23	59	14	13					
PR 190026		PB 160059 PR 160019	90	114	65	91	108	85	105	83	100	114	74	65	108	110	110	111	112	108	111	101	110	105	105	107	109	113	106
PR 190026			96	97	94	93	94	87	92	88	0.36	19.9	0.99	-11.2	25.1	19	110	-51	18.0	-13.3	-6.3	15.4	7	18	1.37	0.54	0.81		
PR 190026											97	97	94	94	94	93	92	92	92	94	93	95	92	92	92	92	92	9	9
PR 190067		PB 160059 PR 130042	86	114	105	93	103	104			93	114	81	105	111	105	114		120	99	114	94	118	114				10	11
PR 190067			72	76	63	38	44	55			0.91	20.3	0.68	0.1	27.2	13	123		22.8	-7.0	-6.9	11.3	12	26				2	4
PR 190067											76	76	59	63	54	38	12		13	45	26	62	14	13					
PR 190083		BOS 122346 PR 160067	83	107	113	95	99	99	96	94	93	107	74	113	103	103	100	101	119	100	97	102	113	109	95	108	91	41	31
PR 190083			84	85	67	54	55	64	22	56	0.92	16.2	0.99	2.3	21.2	10	74	-40	21.7	-7.4	-3.5	15.8	9	22	0.37	0.57	-0.24		
PR 190083											88	85	69	67	65	54	34	8	36	63	37	66	36	36	15	14	14	6	6
PR 190107		GH 160126 PR 100103	84	117	120	97	92	108			93	117	77	120	115	100				94	105	84						22	19
PR 190107			79	80	65	42	49	59			0.91	21.8	0.85	4.3	30.5	7				-3.0	-5.1	4.8						7	9
PR 190107											83	80	63	65	56	42				62	23	63							
PR 190117		PB 160059 PR 130016	108	87	86	111	109	96			113	87	81	86	84	91	85		96	126	110	89	88	81				6	6
PR 190117			70	73	61	27	45	52			-0.76	4.6	0.71	-5.2	6.3	-3	19		9.1	-27.6	-6.1	8.0	-5	-4				1	1
PR 190117											73	73	58	61	54	27	12		13	52	24	58	14	13					
PR 190141		PB 160059 PR 140016	108	106	90	93	96	94			112	106	83	90	102	106	100		110	86	107	99	102	100				10	8
PR 190141			73	75	65	34	47	55			-0.68	15.5	0.61	-4.2	20.2	14	73		16.6	3.8	-5.4	14.1	2	13				5	5
PR 190141											77	75	61	65	52	34	12		13	56	24	60	14	13					
PR 200070		GH 160126 PR 170074	85	107	122	112	94	113	95	107	89	107	91	122	106	89	102	97	114	100	93	96	103	104	100	93	104	16	34
PR 200070			85	90	81	77	79	76	76	76	1.22	16.3	0.32	4.9	23.7	-6	80	-35	19.0	-7.1	-2.7	12.6	3	17	0.89	-0.31	0.53		
PR 200070											87	90	80	81	81	77	76	76	76	80	76	82	76	76	76	76	76	2	2
PR 200092		BC 171044 PR 140016	107	110	85	83	89	83			107	110	97	85	106	120				82	96	95						7	7
PR 200092			68	72	54	21	35	47			-0.29	17.9	0.08	-5.6	23.7	29				6.4	-3.3	11.9							
PR 200092											73	72	51	54	38	21				36	15	53							
PR 200201		CM 130234 PR 160047	90	97	93	116	95	92	82	85	90	97	105	93	93	87	83	77	80	107	94	91	96	88	90	99	102	12	12
PR 200201			72	77	58	28	42	52	22	46	1.21	10.5	-0.25	-3.5	13.4	-8	9	-14	-0.5	-13.2	-3.0	8.9	-1	2	-0.10	0.05	0.43		
PR 200201											77	77	56	58	53	28	25	17	27	42	25	58	27	27	15	13	13		

Sires

Bull			Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.
	Name																												
PR 200708		BOS 122346 PR 138455	94	105	88	89	97	85	91	79	100	105	82	88	103	111	93	93	113	97	95	102	105	101	89	107	88	8	8
PR 200708			68	72	53	43	48	53	22	47	0.30	15.2	0.66	-4.7	21.7	19	49	-31	18.3	-5.2	-3.0	16.3	4	14	-0.23	0.49	-0.39		
											72	72	53	53	54	43	34	8	36	46	37	60	36	36	15	14	14		
PR 200709		BOS 122346 PR 148370	86	110	96	88	96	88	107	86	95	110	75	96	104	111	110	100	119	97	91	104	110	114	114	118	115	25	12
PR 200709			93	92	91	90	90	84	89	85	0.75	18.0	0.93	-2.5	22.3	20	107	-39	22.1	-4.9	-2.4	17.5	7	26	2.19	1.17	1.15		
											93	92	91	91	90	90	89	89	89	90	89	91	89	89	89	89	89	1	1
PR 200710		BC 171044 PR 128236	103	98	86	105	90	85			105	98	92	86	95	95				90	96	92						8	8
PR 200710			67	73	51	19	34	46			-0.07	10.7	0.26	-5.3	15.3	1				0.2	-3.3	9.7							
											73	73	48	51	38	19				34	14	54							
PR 210086		GH 190711 PR 170096	100	109	109	87	93	99	111	97	102	109	94	109	103	112	111		98	81	99	103	116	114	111	91	101	13	12
PR 210086			71	76	51	24	33	49	20	43	0.21	17.6	0.18	1.2	21.4	21	113		9.8	7.6	-3.8	16.7	10	26	1.91	-0.40	0.37		
											77	76	51	51	52	24	31		35	32	16	52	36	35	7	6	6		
PR 210095		BC 171044 PR 138352	92	124	71	84	93	84	112	83	88	124	113	71	120	119	116	112	118	86	104	95	114	112	109	110	112	11	9
PR 210095			84	85	80	77	78	74	76	74	1.32	25.9	-0.58	-9.4	34.8	29	131	-52	21.2	3.5	-4.9	11.6	9	24	1.79	0.67	0.97		
											85	85	79	80	79	77	76	75	76	77	76	80	76	76	75	75	75		
PR 210099		GH 160126 PR 190007	106	100	114	117	94	115			109	100	87	114	98	84				95	92	102						1	1
PR 210099			61	64	53	22	36	45			-0.43	12.3	0.45	2.4	17.6	-11				-3.5	-2.4	15.9							
											65	64	49	53	40	22				39	19	49							
PR 210100		BOS 177146 PR 150048	103	101	90	105	119	112	83	103	100	101	131	90	99	95	91	91	97	112	122	110	82	92	103	112	98	45	33
PR 210100			90	91	84	81	83	79	80	79	0.33	12.7	-1.29	-4.1	17.9	1	38	-29	9.3	-17.2	-8.4	21.1	-9	6	1.11	0.80	0.19		
											92	91	84	84	85	81	80	80	81	83	81	85	81	81	80	80	80		
PR 210101		BOS 177146 PR 160023	84	122	65	84	123	97	105	93	81	122	124	65	123	119	111	105	101	104	138	110	102	115	123	125	107	25	62
PR 210101			88	93	85	81	83	79	80	79	1.88	24.6	-1.00	-11.2	36.5	29	112	-45	11.9	-10.8	-11.7	21.1	3	28	3.10	1.58	0.67		
											90	93	83	85	84	81	80	80	81	82	81	85	81	81	80	80	80		
PR 210109		BOS 100193 PR 128236	101	111	87	85	107	98	115	97	99	111	105	87	105	116	113	102	102	98	120	99	120	118	113	124	135	51	47
PR 210109			92	93	87	84	85	81	84	82	0.39	18.8	-0.26	-5.0	23.1	25	121	-41	12.5	-5.9	-8.2	13.9	13	31	2.11	1.50	2.31		
											93	93	87	87	87	84	83	83	84	85	83	88	84	84	83	83	83		
PR 210150		BOS 088471 PR 120027	103	125	75	96	109	111	127	112	100	125	131	75	122	103	129	120	116	104	115	103	111	122	129	111	116	54	33
PR 210150			84	85	64	37	50	60	23	53	0.29	26.5	-1.28	-8.3	35.8	11	176	-61	20.3	-11.0	-7.2	16.6	8	35	3.68	0.73	1.20		
											90	85	65	64	52	37	31	13	33	49	37	64	33	32	22	20	20		
PR 210330		GH 190711 PR 150063	109	105	93	85	86	84	106	82	110	105	94	93	101	115	107		95	81	94	93	120	112	106	87	90	12	12
PR 210330			72	76	53	23	34	49	20	43	-0.51	14.9	0.18	-3.3	19.8	24	99		8.2	7.8	-2.9	10.1	13	25	1.42	-0.65	-0.25		
											77	76	53	53	42	23	31		35	32	17	53	36	35	7	6	6		

Sires

Bull			Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny			
ID	Index EBV Acc	Sire ID Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.	
	Name																													
PR 210346		PR 170063	88	92	122	104	90				90	92	96	122	90	94				92		95							17	16
PR 210346			69	75	43	16	21	43			1.18	7.7	0.10	4.8	11.3	0				-1.6		11.5								
											77	75	43	43	39	16				16		44								
PR 220073		PR 190012 PR 160045	109	95	96	112	111	111	103	107	108	95	101	96	91	90	102	95	94	117	110	101	95	96	103	106	113		11	10
PR 220073			84	85	80	77	78	74	76	74	-0.30	9.3	-0.09	-2.4	12.1	-4	80	-34	7.9	-20.6	-6.1	15.6	-1	10	1.19	0.44	1.02			
											86	85	79	80	78	77	76	75	76	78	76	80	76	76	75	75	75			
PR 220108		BOS 122346 PR 200015	110	108	81	88	110	99	105	96	109	108	97	81	100	113	103	93	136	115	102	108	110	107	101	119	119		1	1
PR 220108			86	86	84	82	83	77	81	78	-0.45	17.0	0.08	-6.9	19.1	22	82	-32	31.6	-19.1	-4.4	19.9	7	20	0.98	1.20	1.40			
											86	86	84	84	84	82	81	80	82	83	81	84	82	82	80	80	80			
PR 220155		BOS 122346 PR 110112	109	115	85	82	116	107	111	105	108	115	97	85	110	121	114	104	121	106	123	108	117	120	112	124	121		9	9
PR 220155			86	87	84	82	82	77	80	78	-0.37	20.7	0.06	-5.7	26.4	31	124	-43	23.2	-12.3	-8.7	20.0	11	33	2.08	1.53	1.47			
											87	87	84	84	83	82	81	80	81	82	81	84	81	81	80	80	80			
PR 220219		PR 190026 PR 140013	110	107	80	93	116	104	108	101	112	107	89	80	105	107	113	108	114	115	115	108	105	109	111	103	111		10	9
PR 220219			86	87	83	79	80	76	78	76	-0.66	16.1	0.38	-7.2	23.3	15	118	-48	19.1	-18.9	-7.1	19.6	4	22	1.96	0.29	0.93			
											87	87	82	83	81	79	79	78	79	80	79	82	79	79	78	78	78			
PR 220298		PR 190121 PR 160066	99	108	109	101	111	119	98	113	99	108	99	109	104	96	102	99	102	104	120	103	103	102	106	107	112		15	15
PR 220298			84	86	80	76	78	74	76	74	0.38	16.6	-0.01	1.2	22.4	3	79	-38	12.1	-10.6	-8.1	16.7	3	15	1.46	0.49	0.99			
											86	86	79	80	78	76	76	75	76	77	76	80	76	76	76	75	75			

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
COR 210008 92238617 21/08	2	 BOS 155035	 BOS 100050	89	103	104	91	118	106	83	98	92	89	103	108	103	104	101	100	85	78	108	120	126	100	100	97	95	95	103
				86	86	84	81	83	77	80	78	80	1.25	-0.18	16	13.6	-0.2	45	18.8	19	-15	15.4	-23.3	-9.2	14.5	1	10	0.40	-0.18	0.48
													86	84	81	86	84	84	84	81	80	81	83	81	84	81	81	80	80	80
PR 210100 93389294 PR 210100		 BOS 177146	 PR 150048	103	101	90	105	119	112	83	103	94	100	131	95	101	90	94	99	91	91	97	112	122	110	82	92	103	112	98
				90	91	84	81	83	79	80	79	80	0.33	-1.29	1	12.7	-4.1	27	17.9	38	-29	9.3	-17.2	-8.4	21.1	-9	6	1.11	0.80	0.19
													92	84	81	91	84	85	85	81	80	81	83	81	85	81	81	80	80	80
PR 210109 93398188 PR 210109		 BOS 100193	 PR 128236	101	111	87	85	107	98	115	97	115	99	105	116	111	87	94	105	113	102	102	98	120	99	120	118	113	124	135
				92	93	87	84	85	81	84	82	83	0.39	-0.26	25	18.8	-5.0	27	23.1	121	-41	12.5	-5.9	-8.2	13.9	13	31	2.11	1.50	2.31
													93	87	84	93	87	88	87	84	83	84	85	83	88	84	84	83	83	83
PD 221163 97207054 PD22-1163		 BOS 188650	 PD 170345	136	106	62	118	103	111	108	108	109	128	111	86	106	62	78	104	112	106	116	91	106	109	96	107	111	104	108
				82	84	83	81	82	76	80	77	80	-2.01	-0.51	-9	15.6	-12.0	-10	21.8	115	-46	20.5	-0.4	-5.3	20.1	-1	20	1.96	0.33	0.72
													82	81	81	84	83	83	82	81	80	82	82	80	83	82	81	80	80	80
PR 230039 95226882 PR 230039		PR 190117	PR 160057	112	85	90	102	96	84				113	91	97	85	90	75	82	86		95	110	99	87	97	87			
				55	57	44	17	27	38				-0.77	0.31	3	3.5	-4.2	-16	5.2	20		8.0	-15.3	-3.8	6.6	0	1			
													59	42	17	57	44	39	40	6		7	28	13	39	7	7			
PR 230082 96859491 PR 230082		 BOS 122346	 PR 210026	88	115	100	80	117	106	110	103	118	93	87	123	115	100	104	112	115	110	121	124	113	105	118	118	111	134	123
				85	85	83	82	82	76	80	77	80	0.90	0.46	33	20.8	-1.4	51	28.2	125	-50	22.8	-26.4	-6.7	17.7	12	31	1.96	2.12	1.59
													85	83	82	85	83	83	84	81	80	81	83	81	83	81	81	80	80	80
PR 230093 96882097 PR 230093		 BOS 199155	 PR 200197	89	102	101	117	100	105	101	101	104	89	104	85	102	101	109	104	110	111	103	105	95	103	106	107	101	108	104
				82	83	81	79	80	74	78	75	78	1.28	-0.23	-10	13.4	-1.0	64	22.2	107	-51	13.1	-11.0	-3.0	16.4	5	20	0.98	0.57	0.54
													83	80	79	83	81	81	80	79	78	79	80	79	81	79	79	78	78	78
PR 230096 96859558 PR 230096		 BOS 199424	 PR 200210	83	130	105	79	111	114	124	114	133	82	107	123	130	105	122	128	135	133	133	98	114	114	125	131	131	110	123
				84	85	82	80	81	76	80	77	79	1.80	-0.35	33	29.4	-0.1	93	40.7	201	-75	29.7	-5.8	-6.8	23.4	16	43	3.92	0.69	1.63
													85	82	80	85	82	82	82	80	79	80	81	79	82	80	80	79	79	79
PR 230102 96859590 PR 230102		 BOS 122346	 PR 200051	89	108	92	90	105	93	101	89	105	95	82	109	108	92	97	104	104	99	133	103	100	108	107	106	100	118	117
				86	86	84	82	83	77	81	78	80	0.73	0.65	17	16.8	-3.5	35	21.9	87	-38	29.8	-9.9	-4.2	20.0	5	19	0.85	1.16	1.27
													86	84	82	86	84	84	84	81	80	82	83	82	84	82	82	80	80	80
PR 230104 96861349 PR 230104		 OKT 160004	 PR 200350	103	92	127	102	94	106	99	101	99	109	81	95	92	127	115	95	103	97	104	92	102	94	104	101	98	114	109
				84	85	82	80	81	76	80	77	78	-0.40	0.68	1	7.7	6.2	78	15.0	83	-36	13.2	-0.8	-4.5	11.2	4	14	0.70	0.90	0.80
													85	82	80	85	82	82	82	81	78	81	81	79	82	81	81	78	78	78
PR 230110 96861331 PR 230110		 OKT 160004	 PR 200211	86	103	119	92	100	100	102	96	101	85	105	105	103	119	114	99	102	88	107	90	116	94	116	109	103	97	108
				84	85	83	80	81	76	80	77	78	1.55	-0.25	13	13.8	3.8	76	18.6	78	-25	14.9	0.6	-7.3	10.8	10	22	1.13	-0.05	0.76
													85	82	80	85	83	83	83	81	78	81	82	79	82	81	81	78	78	78
PR 230112 96859640 PR 230112	2	 BOS 122346	 PR 200262	94	116	93	85	113	106	105	102	110	94	100	115	116	93	103	113	107	104	127	111	112	109	118	112	103	118	110
				86	86	84	82	83	77	81	78	80	0.82	-0.06	25	21.3	-3.4	48	28.9	99	-43	26.5	-16.2	-6.4	20.2	12	25	1.19	1.14	0.88
													86	84	82	86	84	84	84	82	80	82	83	82	84	82	82	80	80	80

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Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
PR 230113 96862404 PR 230113		BOS 199155 PR 200162	86 82	121 83	91 80	98 78	97 79	100 74	111 78	98 75	115 77	84 1.62 83	107 -0.35 79	100 7 78	121 24.0 83	91 -4.0 80	113 72 80	125 38.2 80	112 117 78	104 -43 77	111 17.5 78	92 -1.1 79	100 -4.1 78	102 15.9 80	123 15 78	123 35 78	110 1.84 77	96 -0.12 77	106 0.66 77	
PR 230114 96916739 PR 230114		BC 190032 PR 200247	99 82	116 84	136 81	97 78	112 79	139 74	115 78	135 75	114 77	95 0.72 83	110 -0.45 80	99 5 78	116 21.1 84	136 8.6 81	146 150 81	122 36.4 82	116 131 78	105 -45 77	128 27.1 79	112 -17.0 79	118 -7.7 77	99 14.5 81	120 13 79	119 32 79	118 2.58 77	103 0.26 77	115 1.16 77	
PR 230118 96859665 PR 230118		BOS 122346 PR 200115	73 86	120 86	96 84	79 82	99 83	88 77	110 81	86 78	120 80	85 1.60 86	72 1.07 84	124 34 82	120 23.9 86	96 -2.4 84	106 56 84	120 34.4 84	118 139 81	119 -60 80	128 27.0 82	98 -6.1 83	97 -3.5 81	104 17.6 84	120 13 82	121 33 82	114 2.28 80	131 1.89 80	115 1.16 80	
PR 230119 96916721 PR 230119		BC 190032 PR 210017	99 83	108 85	133 82	100 80	109 80	130 75	113 79	126 76	111 78	100 0.31 84	95 0.16 81	96 3 80	108 16.8 85	133 7.9 82	137 129 82	116 31.7 82	117 132 79	110 -50 78	129 27.5 80	125 -26.8 81	105 -5.1 79	95 12.0 81	118 12 80	113 26 80	113 2.09 78	104 0.37 78	116 1.19 78	
PR 230131 96858949 PR 230131		PB 190051 PR 210015	121 83	95 84	108 80	98 78	105 79	112 74	100 78	107 75	98 77	121 -1.38 84	92 0.26 80	99 6 78	95 9.5 84	108 1.0 80	101 44 81	97 17.0 80	109 106 78	113 -53 77	107 14.9 78	128 -29.5 80	91 -2.3 77	99 14.0 81	109 7 78	97 10 78	99 0.73 77	107 0.51 77	109 0.81 77	
PR 230137 96858972 PR 230137	2	BOS 122346 PR 200102	82 86	122 85	90 84	82 82	107 83	97 77	120 80	97 78	125 80	87 1.38 86	89 0.39 84	120 30 82	122 24.7 85	90 -4.3 84	104 51 84	115 30.6 84	123 155 81	116 -57 80	134 30.3 81	104 -10.5 83	103 -4.8 81	110 21.2 84	124 15 81	125 37 81	116 2.45 80	122 1.40 80	124 1.67 80	
PR 230138 96858980 PR 230138		BOS 122346 PR 200073	77 86	129 86	91 84	73 82	102 83	92 77	113 81	91 78	122 80	81 1.95 86	95 0.16 84	133 45 82	129 28.9 86	91 -3.9 84	107 57 84	122 36.1 84	116 130 81	107 -47 80	122 23.7 82	101 -8.1 83	97 -3.5 81	107 19.3 84	129 18 82	126 38 82	120 2.82 80	125 1.58 80	126 1.79 80	
PR 230156 96859079 PR 230156		BOS 199424 PR 160084	103 85	121 85	92 83	76 80	117 81	112 76	118 80	110 77	126 80	98 0.54 85	115 -0.67 83	129 40 80	121 24.1 85	92 -3.6 83	101 45 83	121 34.9 83	124 161 81	118 -59 79	123 24.2 81	93 -2.0 81	128 -9.7 80	117 25.3 82	116 11 81	126 38 81	125 3.34 80	131 1.89 80	125 1.69 80	
PR 230182 98297328 PR 230182		BOS 122346 PR 160012	93 85	108 84	102 84	82 82	105 82	96 76	109 80	94 77	113 80	99 0.43 85	82 0.66 83	119 28 82	108 16.7 84	102 -0.9 84	100 42 83	101 19.6 82	109 106 81	97 -36 80	114 19.0 81	99 -7.0 82	106 -5.3 81	107 19.2 83	108 6 81	114 27 81	106 1.47 80	125 1.57 80	122 1.55 80	
PR 230187 96859855 PR 230187		BOS 122346 PR 200001	72 85	115 85	102 84	80 82	109 83	93 77	110 81	91 78	115 80	79 2.11 85	87 0.46 84	123 33 82	115 20.7 85	102 -0.9 84	105 54 84	110 27.0 84	112 116 81	104 -43 80	127 26.3 82	105 -11.6 83	106 -5.2 81	111 21.5 84	127 17 82	121 34 82	109 1.78 80	120 1.30 80	122 1.56 80	
PR 230196 96859681 PR 230196		BOS 122346 PR 140013	89 86	117 86	112 85	80 82	113 83	113 77	117 81	111 78	126 81	94 0.81 86	86 0.49 84	122 32 82	117 22.2 86	112 2.1 85	116 80 84	112 28.7 84	122 152 82	116 -56 80	129 27.4 82	110 -15.1 83	110 -6.0 82	112 22.5 84	119 12 82	126 38 82	123 3.13 81	114 0.92 81	116 1.18 81	
PR 230205 96859749 PR 230205		ONE 188011 PR 200331	70 81	125 82	122 79	80 77	101 78	106 73	110 77	104 74	121 77	70 2.80 82	92 0.26 79	121 31 77	125 26.5 82	122 4.7 79	131 114 79	123 36.8 80	121 150 77	121 -62 77	118 21.6 77	98 -6.2 78	101 -4.4 77	104 17.4 80	128 17 77	124 36 77	125 3.35 77	102 0.25 77	114 1.08 77	

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
	PR 230208 96861539 PR 230208		OKT 160004 PR 150002	75 84	123 84	114 82	80 80	96 80	100 75	117 80	99 76	125 78	75 2.40 84	108 -0.38 82	120 30 80	123 25.3 84	114 2.5 82	123 96 82	123 36.8 82	126 165 80	114 -55 78	125 25.2 81	71 15.5 80	122 -8.5 78	96 12.5 82	122 14 81	130 42 80	124 3.19 78	112 0.81 78	114 1.07 78
	PR 230212 96917505 PR 230212		BC 190032 PR 180216	96 82	105 83	98 81	99 78	101 79	100 74	111 78	97 75	109 77	99 0.40 83	92 0.28 80	99 6 78	105 14.9 83	98 -1.8 81	103 48 81	109 25.8 82	115 126 78	107 -47 77	129 27.4 79	112 -17.1 79	97 -3.5 77	96 12.1 81	112 9 79	110 23 79	112 2.02 77	108 0.56 77	114 1.08 77
	PR 230221 96861695 PR 230221		OKT 160004 PR 190100	89 84	92 85	113 82	103 80	98 81	94 76	90 80	88 77	89 78	84 1.67 85	119 -0.79 82	95 1 80	92 7.6 85	113 2.1 82	103 48 82	87 9.2 83	92 42 81	83 -20 78	105 14.0 82	85 4.2 82	116 -7.3 79	94 11.2 83	89 -5 82	88 2 81	95 0.37 78	93 -0.33 78	100 0.29 78
	PR 230238 96859962 PR 230238		BOS 122346 PR 170063	72 85	114 85	116 84	83 81	108 82	102 76	111 80	100 77	117 79	80 2.01 85	84 0.59 83	117 27 81	114 20.3 85	116 3.2 84	118 85 83	105 23.1 83	115 127 81	109 -49 79	133 30.1 81	107 -12.8 82	101 -4.2 81	112 22.4 83	123 15 81	121 33 81	114 2.26 79	111 0.78 79	118 1.32 79
	PR 230243 96861729 PR 230243		BC 190032 PR 160001	102 83	110 84	111 82	114 79	110 80	129 75	100 79	123 76	101 78	102 0.16 84	97 0.07 81	87 -7 79	110 18.0 84	111 1.8 82	126 104 82	112 28.1 82	103 84 79	97 -35 78	121 23.0 80	118 -21.7 80	111 -6.3 78	96 12.6 82	106 5 80	103 16 80	106 1.42 78	102 0.25 78	115 1.15 78
	PR 230245 96859988 PR 230245		BOS 122346 PR 170012	84 85	121 85	110 84	73 81	114 82	109 76	122 80	109 77	129 80	90 1.19 85	88 0.44 83	132 43 81	121 24.5 85	110 1.3 84	113 74 83	115 30.9 82	125 164 81	116 -57 79	130 28.2 81	105 -11.5 82	118 -7.7 81	110 21.2 83	127 17 81	133 44 81	119 2.70 80	126 1.65 79	128 1.91 79
	PR 230248 96861752 PR 230248		OKT 160004 PR 180196	99 84	102 85	118 83	86 80	106 81	106 76	111 80	104 77	110 78	100 0.35 85	96 0.12 82	112 21 80	102 13.3 85	118 3.6 83	109 64 83	102 20.9 83	113 119 81	100 -39 78	112 17.7 81	85 4.1 81	136 -11.4 79	92 9.9 82	111 8 81	115 27 81	113 2.10 78	90 -0.50 78	108 0.76 78
	PR 230272 96858261 PR 230272		BOS 122346 PR 160089	96 85	119 85	69 84	88 82	104 82	90 77	110 80	89 78	112 80	94 0.86 85	107 -0.32 84	114 23 82	119 23.0 85	69 -10.1 84	88 13 84	114 29.9 83	111 111 81	101 -40 80	116 20.5 81	99 -6.8 82	103 -4.6 81	109 20.4 83	109 6 81	113 25 81	106 1.41 80	128 1.73 80	116 1.23 80
	PR 230276 96861463 PR 230276		BOS 199424 PR 160101	101 85	116 85	99 83	87 80	119 81	118 76	118 80	116 77	121 80	97 0.56 85	110 -0.45 83	112 21 80	116 21.2 85	99 -1.8 83	108 61 83	113 28.9 83	123 155 81	115 -56 79	123 24.3 81	113 -17.3 81	114 -6.9 80	118 26.2 82	116 11 81	123 35 81	119 2.73 80	115 0.95 80	116 1.22 80
	PR 230289 96853452 PR 230289		GH 160126 PR 180003	84 83	121 83	130 81	95 79	94 80	118 74	111 78	115 75	119 78	90 1.20 83	88 0.43 81	101 8 79	121 24.2 83	130 6.9 81	145 147 81	118 33.2 80	119 141 78	116 -56 78	101 11.9 78	83 5.7 80	104 -4.9 78	98 13.7 81	111 8 78	121 33 78	118 2.60 78	96 -0.15 78	114 1.08 78
	PR 230327 96893292 PR 230327		BOS 155035 PR 190022	98 85	100 85	101 83	87 80	99 82	90 76	84 80	83 77	96 79	97 0.60 85	105 -0.24 83	112 21 80	100 11.9 85	101 -1.2 83	94 27 83	99 18.3 83	89 31 80	78 -15 79	89 4.9 80	96 -4.7 82	102 -4.6 80	100 14.9 83	104 4 80	104 17 80	98 0.65 79	104 0.32 79	115 1.14 79
	PR 230331 96893250 PR 230331		BOS 155035 PR 190065	88 85	99 86	100 83	103 80	112 82	101 76	90 80	95 77	95 79	87 1.44 86	106 -0.28 83	95 2 80	99 11.5 86	100 -1.5 83	99 40 83	100 19.2 84	97 61 80	96 -35 79	109 16.2 81	125 -26.8 83	108 -5.7 80	98 13.6 83	98 0 80	94 8 80	92 0.10 79	109 0.62 79	100 0.29 79

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Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
PR 230334		BOS 155035		83	110	98	84	100	88	98	84	106	79	117	117	110	98	100	111	101	97	111	98	107	97	107	107	109	97	104
96893268		PR 130012		84	84	82	79	81	75	79	76	79	2.09	-0.74	26	17.9	-1.9	43	27.4	76	-36	17.4	-5.6	-5.5	12.9	6	20	1.77	-0.09	0.53
PR 230334													84	82	79	84	82	82	82	79	78	80	81	79	82	80	79	79	79	79
PR 230365		OBS 140279		101	114	103	105	105	119	115	116	115	100	102	94	114	103	119	106	115	113	110	98	103	111	101	109	115	89	110
96858600		PR 170096		85	85	83	80	81	76	80	77	79	0.30	-0.14	0	20.0	-0.4	87	23.8	126	-54	16.8	-5.7	-4.6	21.4	2	22	2.28	-0.54	0.88
PR 230365													85	83	80	85	83	83	83	80	79	80	82	80	82	80	80	79	79	79
PR 230400		PR 200709		86	125	91	81	101	97	115	96	120	88	98	121	125	91	107	120	119	110	132	96	100	107	118	123	122	109	110
96858733		PR 170039		83	84	82	80	80	75	79	76	79	1.32	0.03	32	26.7	-4.0	60	34.7	140	-49	29.3	-4.4	-4.1	19.0	12	35	2.97	0.64	0.88
PR 230400													84	81	80	84	82	82	81	79	79	79	80	79	82	79	79	79	79	79
PR 230414		PR 200709		95	110	93	93	106	101	110	99	111	94	104	106	110	93	101	105	113	108	111	104	105	107	102	104	112	106	109
96858790		PR 170085		83	83	81	79	80	74	78	75	78	0.80	-0.21	14	17.9	-3.3	44	23.1	118	-48	17.3	-10.7	-5.0	18.9	2	18	2.01	0.45	0.80
PR 230414													84	81	79	83	81	81	80	79	78	79	79	79	81	79	78	78	78	78
PR 240044		BOS 188154		78	123	104	92	92	98	107	96	126	75	116	107	123	104	122	116	124	123	121	68	103	107	111	126	128	107	115
98156573		PR 210077		86	86	85	83	83	78	82	79	81	2.41	-0.69	15	25.4	-0.3	95	31.8	159	-64	23.2	17.2	-4.7	19.0	8	38	3.59	0.51	1.13
PR 240044													86	84	83	86	85	85	84	83	81	84	83	82	84	84	84	81	81	81
PR 240055	1	BOS 188154		83	125	81	80	115	100	101	96	121	86	142	124	125	81	99	121	114	116	120	97	124	113	107	119	131	100	106
98156615		PR 210083		87	87	85	83	84	78	83	79	82	1.48	-1.72	34	26.7	-6.9	39	35.6	124	-56	22.6	-5.4	-8.8	22.8	5	31	3.86	0.13	0.65
PR 240055													87	85	83	87	85	85	86	84	82	85	84	83	85	85	84	82	82	82
PR 240060	2	BOS 177213		111	115	82	85	132	120	107	116	113	107	109	117	115	82	92	116	112	110	115	117	136	119	100	108	111	134	113
98163165		PR 210096		85	86	84	82	83	77	80	78	80	-0.23	-0.40	27	20.5	-6.4	24	31.8	116	-50	19.9	-20.9	-11.4	26.8	2	21	1.93	2.12	1.02
PR 240060													85	83	82	86	84	84	84	81	80	81	83	81	84	81	81	80	80	80
PR 240065	1	BOS 200011		91	119	106	77	112	109	114	107	118	95	91	127	119	106	111	117	118	111	112	107	112	109	117	119	118	110	114
98163173		PR 210145		84	85	83	81	81	76	80	77	79	0.77	0.29	37	23.0	0.4	67	32.4	136	-52	18.0	-13.2	-6.6	20.5	11	31	2.59	0.68	1.06
PR 240065													85	82	81	85	83	83	83	81	79	83	81	80	82	81	81	79	79	79
PR 240079		BOS 155035		81	115	112	81	102	99	115	98	120	82	103	120	115	112	114	116	121	117	112	100	109	99	131	125	114	116	115
98163280		PR 210310		85	85	83	81	82	76	80	77	79	1.81	-0.16	30	20.8	1.8	75	31.3	149	-57	17.8	-7.2	-5.8	14.0	19	37	2.28	1.03	1.16
PR 240079													85	83	81	85	83	83	84	80	79	80	82	80	83	80	80	79	79	79
PR 240083	1	BOS 199424		101	120	87	88	112	110	121	109	123	96	113	112	120	87	104	119	127	122	127	104	107	116	123	123	119	114	117
98163306		PR 220080		84	85	83	80	81	76	80	77	80	0.64	-0.56	21	23.9	-5.1	51	33.6	169	-63	26.8	-10.7	-5.5	24.5	15	35	2.68	0.90	1.26
PR 240083													85	82	80	85	83	83	84	81	79	81	81	80	82	81	81	80	79	79
PR 240084	1	BOS 199424		92	122	85	81	110	101	109	98	120	87	115	122	122	85	100	119	113	102	109	98	106	118	118	127	119	124	116
98608185		PR 210194		85	86	84	82	83	77	82	78	81	1.37	-0.66	32	25.1	-5.8	42	33.4	118	-41	16.1	-6.0	-5.2	26.0	12	39	2.77	1.52	1.21
PR 240084													86	83	82	86	84	84	84	82	81	82	83	81	84	82	82	81	81	81
PR 240086		BOS 199424		89	109	83	89	113	94	108	91	106	90	102	112	109	83	89	104	113	110	117	105	112	114	103	105	107	106	111
98163314		PR 220062		84	85	82	81	81	76	80	77	79	1.19	-0.12	20	17.0	-6.1	16	22.5	121	-49	20.5	-11.6	-6.5	23.2	3	19	1.55	0.46	0.94
PR 240086													85	82	81	85	82	83	83	80	79	81	81	80	82	81	81	79	79	79

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PR 240088 98163330 PR 240088		BOS 199424	PR 210198	100 84	117 85	77 82	91 81	116 81	106 76	109 80	103 77	112 79	95 0.73 85	114 -0.60 82	109 18 81	117 21.8 85	77 -8.0 82	93 26 83	113 29.2 83	114 123 80	110 -50 79	103 13.1 81	101 -8.1 81	123 -8.8 80	113 22.9 82	113 9 81	115 27 81	112 2.05 79	106 0.44 79	110 0.84 79
PR 240123 98163561 PR 240123		BOS 122346	PR 140013	91 86	123 86	102 85	75 83	114 83	111 78	130 82	112 79	137 81	94 0.80 86	93 0.24 85	129 40 83	123 25.5 86	102 -0.8 85	111 68 85	119 33.8 84	133 191 82	122 -63 81	142 35.0 82	106 -12.3 83	112 -6.6 82	113 23.1 84	126 16 82	135 47 82	128 3.58 81	128 1.75 81	124 1.68 81
PR 240127 98163751 PR 240127		BOS 199424	PR 200038	90 84	121 85	108 83	82 80	113 81	115 76	122 80	114 77	128 80	87 1.37 85	111 -0.49 82	119 29 80	121 24.4 85	108 0.8 83	118 83 83	120 34.8 83	133 193 80	134 -76 79	126 26.0 81	104 -10.8 81	110 -6.1 80	116 24.8 82	122 14 81	125 37 81	124 3.25 80	106 0.48 79	119 1.35 79
PR 240128 98163801 PR 240128	1 	BOS 200011	PR 190084	78 84	117 85	85 82	88 80	102 81	88 76	102 80	85 77	108 79	79 2.09 85	103 -0.18 82	112 21 80	117 22.1 85	85 -5.7 82	99 39 82	117 32.1 82	106 93 80	97 -36 79	91 5.8 81	96 -4.3 81	104 -5.0 79	105 18.2 82	108 6 81	113 25 81	107 1.55 79	108 0.60 79	110 0.88 79
PR 240129 98163819 PR 240129		BOS 188154	PR 190109	102 86	118 86	82 85	99 82	112 83	113 77	102 82	108 78	116 81	97 0.54 86	112 -0.54 84	100 7 82	118 22.5 86	82 -6.5 85	103 48 84	112 28.0 84	114 123 83	117 -57 81	131 29.0 84	101 -8.6 83	112 -6.5 82	115 24.1 84	106 5 84	113 25 84	118 2.65 81	119 1.21 81	120 1.42 81
PR 240136 98169857 PR 240136		BOS 200298	PR 140016	88 84	115 84	102 82	83 78	111 79	105 75	104 78	101 76	111 78	86 1.51 85	110 -0.45 81	117 27 78	115 21.1 84	102 -0.8 82	108 62 81	110 26.4 81	107 97 78	93 -32 78	108 15.7 78	108 -13.8 79	105 -5.0 78	114 23.2 81	115 10 78	122 34 78	111 1.96 78	100 0.11 78	118 1.34 78
PR 240139 98169840 PR 240139		BOS 200298	PR 180029	100 83	117 84	80 82	83 78	118 79	105 75	112 78	103 76	116 78	101 0.23 84	96 0.09 81	119 29 78	117 22.0 84	80 -7.1 82	92 24 81	113 29.2 82	115 126 78	105 -44 78	109 16.3 78	114 -18.1 79	113 -6.7 78	116 24.7 81	120 13 78	122 34 78	118 2.59 78	95 -0.17 78	120 1.42 78
PR 240147 98608037 PR 240147		BOS 199424	PR 200304	88 84	117 85	81 83	92 81	112 81	100 76	110 80	98 77	116 80	87 1.39 85	105 -0.26 82	107 15 81	117 21.9 85	81 -6.9 83	97 35 83	117 32.3 83	117 135 81	113 -53 80	109 16.1 81	93 -2.2 82	121 -8.3 80	112 22.2 82	118 12 81	118 31 81	113 2.16 80	128 1.71 80	118 1.29 80
PR 240156 98164163 PR 240156		BOS 200011	PR 190134	89 84	107 85	92 82	91 80	112 80	98 75	108 80	95 76	105 79	95 0.79 85	86 0.50 82	108 16 80	107 16.0 85	92 -3.8 82	95 31 82	103 21.4 83	111 112 80	111 -50 79	101 11.8 81	111 -16.2 80	113 -6.7 79	105 18.0 82	105 4 81	100 14 80	101 0.93 79	105 0.39 79	107 0.71 79
PR 240158 98164221 PR 240158		BOS 200011	PR 160047	108 84	107 85	103 83	105 80	113 80	122 76	91 80	114 77	98 79	105 -0.11 85	103 -0.19 82	94 0 80	107 15.9 85	103 -0.6 83	111 67 83	102 20.8 82	96 57 80	88 -27 79	95 8.1 81	120 -23.1 80	106 -5.3 79	108 19.7 82	90 -4 81	98 12 80	99 0.80 79	92 -0.35 79	104 0.51 79
PR 240168 98164056 PR 240168	1 	BOS 200011	PR 200175	95 84	117 85	108 82	91 79	104 80	112 75	108 79	109 76	116 79	94 0.85 85	104 -0.21 82	107 15 79	117 21.9 85	0.7 82	87 82 82	115 30.3 82	116 128 80	114 -55 78	111 17.4 80	103 -9.5 80	100 -4.1 79	108 19.8 82	105 4 80	112 25 80	114 2.19 79	98 -0.02 79	111 0.92 78
PR 240173 98170228 PR 240173		BOS 200298	PR 190160	91 83	118 84	90 81	83 78	111 79	102 74	118 78	102 75	124 78	88 1.32 84	126 -1.07 81	119 28 78	118 22.7 84	90 -4.2 81	101 45 81	113 29.4 82	122 150 78	111 -51 78	110 17.0 78	111 -15.9 79	102 -4.4 78	115 24.4 81	122 14 78	128 40 78	123 3.13 78	111 0.77 78	128 1.91 78

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ID Number Name																														
PR 240185		BOS 199424	PR 200337	98 83	122 84	85 82	83 79	126 80	117 75	120 80	115 76	120 79	92 0.97 84	117 -0.71 81	119 29 79	122 24.8 84	85 -5.5 82	101 45 82	120 34.4 82	119 142 80	111 -51 79	124 24.7 80	107 -12.9 80	134 -11.0 79	118 26.0 82	115 10 80	118 31 80	111 1.90 79	127 1.66 79	118 1.34 79
PR 240206		BOS 200011	PR 170016	108 84	102 85	94 83	95 80	120 81	112 76	91 80	105 77	96 79	104 0.02 85	108 -0.39 82	104 11 80	102 13.5 85	94 -3.0 83	94 29 83	99 18.1 83	93 47 80	83 -21 79	80 -0.3 81	122 -24.8 81	118 -7.7 80	109 20.6 82	91 -4 81	100 13 81	98 0.70 79	95 -0.18 79	102 0.43 79
PR 240207		BOS 122346	PR 180048	93 85	120 85	85 83	84 81	112 82	102 76	106 80	99 77	116 79	95 0.73 85	94 0.20 83	118 27 81	120 23.4 85	85 -5.5 83	99 40 83	116 31.5 83	113 120 80	106 -45 79	129 27.4 81	110 -15.1 82	108 -5.8 80	110 20.9 83	117 12 81	120 32 81	114 2.19 79	119 1.24 79	117 1.25 79
PR 240209		BOS 200298	PR 200301	73 84	136 85	101 82	70 79	109 80	105 75	120 78	105 76	132 78	77 2.21 85	93 0.21 82	137 49 79	136 32.7 85	101 -1.0 82	118 85 82	131 43.4 82	129 177 79	117 -57 78	114 19.0 79	103 -9.5 80	106 -5.3 79	113 22.7 82	145 28 79	147 58 79	130 3.78 78	102 0.23 78	127 1.85 78
PR 240218		BOS 122346	PR 200235	85 86	109 86	113 85	84 83	115 83	108 78	102 82	104 79	114 81	95 0.71 86	73 1.01 84	116 25 83	109 17.4 86	113 2.3 85	111 69 85	105 22.9 84	113 120 82	113 -53 81	120 22.7 82	117 -20.6 84	111 -6.3 82	109 20.1 84	114 9 82	115 28 82	107 1.58 81	134 2.11 81	119 1.35 81
PR 240220		BOS 122346	PR 150002	68 86	140 85	110 84	66 82	111 82	112 77	134 80	114 78	146 80	75 2.45 86	88 0.40 84	142 55 82	140 35.5 85	110 1.5 84	126 104 84	135 45.9 84	141 223 81	134 -76 80	153 41.2 81	96 -4.4 82	118 -7.7 81	110 21.1 84	141 25 81	145 56 81	134 4.23 80	125 1.55 80	130 2.02 80
PR 240303		BOS 200011	PR 210223	97 61	105 65	100 46	95 25	106 35	103 44	97 22	98 40	98 10	98 0.49 66	97 0.05 44	103 10 25	105 15.2 65	100 -1.4 46	103 49 45	104 22.0 52	101 76 32	99 -38 8	93 7.1 35	101 -8.0 38	104 -4.9 20	110 20.7 46	100 2 36	101 14 35	97 0.59 10	90 -0.45 9	94 -0.05 9
PR 240306		PR 210109	PR 200091	96 84	120 85	92 81	101 79	103 80	111 75	124 78	111 76	129 78	92 0.97 85	111 -0.50 81	97 4 79	120 23.9 85	92 -3.5 81	115 78 82	113 29.4 82	127 170 79	121 -62 78	122 23.8 79	96 -4.1 80	111 -6.2 79	100 14.8 82	138 23 79	129 41 79	122 3.06 79	137 2.27 78	134 2.24 78
PR 240307		PD 210008	PR 190007	110 81	115 82	97 79	99 77	107 78	118 73	112 76	115 74	115 76	109 -0.43 82	99 -0.01 78	99 6 77	115 20.6 82	97 -2.3 79	112 71 79	110 26.9 80	116 130 77	106 -46 76	119 21.8 77	108 -13.4 77	105 -5.0 77	105 17.7 79	115 10 77	118 31 77	117 2.50 76	107 0.49 76	125 1.72 76
PR 240311		BOS 122346	PR 210017	84 86	120 86	97 84	83 83	114 83	105 77	104 81	101 78	116 80	90 1.17 86	86 0.48 84	119 28 83	120 23.5 86	97 -2.2 84	108 61 84	114 29.6 84	110 107 81	103 -43 80	126 26.1 82	117 -20.5 83	107 -5.6 81	110 20.8 84	115 10 82	118 31 82	110 1.86 80	126 1.61 80	119 1.38 80
PR 240392		PD 210008	PR 160084	115 81	107 83	92 80	87 77	111 78	107 73	100 76	102 74	107 77	111 -0.57 82	108 -0.37 79	114 23 77	107 16.2 83	92 -3.7 80	94 27 80	101 19.6 80	106 95 77	100 -39 76	114 19.2 77	95 -3.9 78	124 -8.8 77	106 18.2 80	114 9 77	108 21 77	113 2.12 77	114 0.91 77	108 0.77 77
PR 240395		BOS 200298	PR 160035	86 61	114 64	106 50	79 17	103 30	96 42			116 8	86 1.54 65	106 -0.31 48	124 34 17	114 20.1 64	106 0.2 50	107 58 44	111 27.5 46	117 134 16		115 19.4 17	92 -1.0 28	98 -3.7 18	116 24.7 44	135 22 18	131 42 17	112 2.06 9	89 -0.52 8	96 0.08 8

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
PR 240422	2	PR 210109		78	142	92	65	112	107	141	111	154	69	117	146	142	92	114	135	152	139	136	92	128	106	154	153	145	133	141
98751902		PR 190080		85	86	83	81	81	76	80	77	80	2.94	-0.72	60	36.6	-3.8	74	46.3	262	-82	31.8	-1.1	-9.8	18.7	33	63	5.30	2.00	2.60
PR 240422														86	83	81	86	83	83	82	80	79	81	81	80	83	81	81	80	80
PR 240437	1	PR 210150		115	109	104	93	114	121	113	118	116	108	122	105	109	104	108	106	116	110	112	103	120	109	99	113	116	111	111
98200124		PR 170096		83	83	81	78	79	74	78	75	78	-0.34	-0.91	13	17.1	-0.4	61	23.4	131	-50	18.1	-9.9	-8.2	20.5	1	26	2.43	0.76	0.94
PR 240437														84	81	78	83	81	81	80	78	78	78	79	78	81	78	78	78	78
PR 240443	1	PR 210109		106	119	83	85	105	102	120	102	116	108	91	117	119	83	97	115	120	110	111	99	109	103	131	122	116	115	133
98200173		GH 190710		84	85	82	79	80	75	80	76	79	-0.32	0.30	26	23.2	-6.3	36	30.9	143	-50	17.3	-6.6	-6.0	16.7	19	34	2.42	0.97	2.18
PR 240443														85	82	79	85	82	82	82	79	79	80	80	79	82	80	79	79	79
PR 240481		PR 210086		98	107	103	86	97	94			105	101	90	114	107	103	102	102	106		108	84	99	109	114	111	103	100	96
98219272		PR 190118		59	63	46	25	33	43			8	0.26	0.34	23	16.3	-0.6	47	20.6	93		15.6	5.3	-3.9	20.2	9	24	1.14	0.08	0.07
PR 240481													63	44	25	63	46	45	38	23		25	34	22	43	26	25	8	8	7
PR 250058		BOS 200011		113	97	112	96	115	118	99	112	99	110	105	101	97	112	105	97	102	99	94	117	111	109	94	98	98	92	94
99600488		PR 140013		63	66	53	21	32	45	20	40	8	-0.47	-0.25	8	10.5	2.0	54	17.0	79	-38	7.4	-20.6	-6.3	20.2	-2	12	0.69	-0.34	-0.02
PR 250058													67	51	21	66	53	47	46	31	7	35	32	19	44	35	34	9	8	8
PR 250071	1	BOS 200011		89	112	105	90	107	105	98	100	104	93	92	108	112	105	111	109	105	106	103	106	109	104	108	108	100	96	91
99600579		PR 220328		61	65	45	29	33	44	22	40	10	0.93	0.27	16	18.8	0.1	68	26.0	90	-46	12.9	-12.3	-5.8	17.1	6	21	0.84	-0.15	-0.19
PR 250071														66	44	29	65	45	46	46	32	8	36	37	19	42	36	35	10	9
PR 250072		PR 220384		101	88	99	104	87	81				103	90	95	88	99	87	87			97	93	83						
6020259419				49	52	30	14	19	31				0.06	0.32	1	5.4	-1.8	11	8.7			-5.3	-2.7	4.5						
PR 250072													54	30	14	52	30	32	19				26	6	25					
PR 250074	1	PR 210101		81	115	90	81	111	94			108	79	111	121	115	90	98	115	106	104	104	99	119	106	108	112	112	109	97
99600595		PR 220129		58	64	42	24	31	42			14	2.04	-0.50	31	21.0	-4.1	37	31.0	96	-43	13.3	-7.0	-7.9	18.6	6	25	2.04	0.65	0.14
PR 250074														63	40	64	64	42	43	36	18	9	20	35	20	39	20	20	14	13
PR 250082		BOS 200011		112	92	105	98	99	98	85	91	86	109	105	99	92	105	94	91	89	91	87	97	99	102	93	90	84	85	77
99611071		PR 160008		61	65	52	21	30	43	20	38	8	-0.37	-0.25	6	7.4	-0.1	27	12.2	33	-30	3.5	-5.3	-4.0	16.0	-3	4	-0.69	-0.78	-1.00
PR 250082													65	48	21	65	52	46	43	31	7	35	30	17	44	35	34	9	8	8
PR 250085		BOS 200011		100	100	111	93	105	105	89	98	91	101	97	104	100	111	106	99	94	97	91	102	108	104	98	96	89	86	79
99611105		PR 180188		60	53	48	22	30	40	20	36	8	0.25	0.06	12	12.2	1.7	56	18.2	51	-36	5.8	-8.7	-5.6	17.2	0	9	-0.24	-0.72	-0.89
PR 250085													64	47	22	53	48	41	44	31	7	35	29	18	42	35	34	9	8	8
PR 250094		BOS 200298		91	101	101	98	102	96	96	91	98	93	97	100	101	101	101	101	104	104	95	104	93	109	114	106	96	104	104
99613267		PR 200254		63	66	50	25	36	45	22	40	18	0.94	0.07	7	12.9	-1.1	43	20.0	86	-43	8.5	-10.3	-2.7	20.4	9	19	0.47	0.32	0.50
PR 250094													67	47	25	66	50	47	46	23	18	26	39	24	44	26	25	19	17	17
PR 250127		BOS 122346		73	121	108	73	104	95	113	94	122	81	83	131	121	108	112	115	119	117	131	94	106	108	129	129	113	116	107
99630170		PR 170012		64	65	60	44	46	52	22	46	14	1.90	0.62	43	24.2	1.0	71	30.6	141	-57	28.8	-2.5	-5.4	19.6	18	41	2.12	1.05	0.72
PR 250127													66	57	44	65	60	56	50	34	8	36	48	37	53	36	36	15	14	14

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal		Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass						
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
PR 250130		BOS 200298	PR 200301	78	126	99	76	107	101			123	81	98	128	126	99	112	123	123			114	104	106	108	136	136	122	97	118
99630204				63	66	50	26	35	45			9	1.91	0.01	39	27.4	-1.7	70	36.5	155			18.9	-11.0	-5.3	19.5	22	47	2.99	-0.06	1.33
PR 250130													67	47	26	66	50	47	42	17			19	37	24	44	19	18	9	9	8
PR 250138		BOS 200011	PR 200337	105	100	95	96	111	104	92	97	92	103	103	102	100	95	94	98	93	91		91	108	112	107	94	93	88	94	88
99630279				59	62	46	21	28	41	20	37	8	0.10	-0.18	9	12.1	-2.8	27	17.7	48	-29		6.1	-13.8	-6.4	18.8	-2	7	-0.29	-0.26	-0.38
PR 250138													63	43	21	62	46	43	43	31	7		35	27	17	40	35	34	9	8	8
PR 250139		BOS 200298	PR 200126	78	126	109	80	107	108			128	79	103	121	126	109	122	122	127			119	97	109	111	137	139	124	98	118
99630287				63	66	49	24	34	45			8	2.08	-0.17	32	27.2	1.2	94	36.0	171			22.1	-4.8	-5.8	21.5	23	51	3.20	0.02	1.34
PR 250139													67	47	24	66	49	46	42	16			17	37	23	43	18	17	9	8	8
PR 250143	1	BOS 122346	PR 210198	92	103	89	97	103	92	95	87	97	97	87	101	103	89	92	97	96	89		108	101	104	104	102	102	94	110	103
99630832				64	66	56	50	48	53	22	47	15	0.57	0.46	8	13.8	-4.5	23	16.8	57	-27		15.9	-8.1	-4.8	17.4	3	15	0.29	0.71	0.48
PR 250143													67	55	50	66	56	57	52	34	8		37	52	39	54	37	36	16	14	14
PR 250144		BOS 200011	PR 160065	97	105	120	88	103	108	98	102	102	98	100	110	105	120	115	103	104	106		96	101	101	106	106	106	100	91	91
99630840				61	64	50	21	31	43	20	38	8	0.53	-0.04	19	14.9	4.1	76	21.0	87	-46		8.8	-7.9	-4.3	18.8	5	19	0.84	-0.41	-0.23
PR 250144													65	49	21	64	50	45	44	31	7		35	30	19	44	35	34	9	8	8
PR 250148		BOS 200298	PR 190007	90	109	99	93	105	100			102	90	103	105	109	99	105	107	104			104	102	94	115	116	114	101	90	102
99630881				60	64	49	17	28	42			8	1.19	-0.18	13	17.4	-1.6	55	24.1	86			13.2	-9.4	-2.9	24.1	11	26	0.99	-0.45	0.40
PR 250148													64	46	17	64	49	43	39	16			17	28	17	40	18	17	9	8	8
PR 250164	2	BOS 177213	PR 190080	90	123	109	80	122	122	122	121	130	93	95	122	123	109	119	121	129	124		137	113	122	116	127	131	121	133	120
99637365				63	68	57	37	47	51	22	45	18	0.94	0.13	32	25.5	1.0	86	34.9	177	-65		32.1	-17.4	-8.4	24.7	17	43	2.91	2.04	1.45
PR 250164													66	52	37	68	57	54	52	33	10		35	52	36	52	34	34	18	17	16
PR 250167		BOS 200298	PR 190113	86	111	95	88	107	96			107	88	99	111	111	95	101	108	108			109	111	101	106	116	114	105	100	112
99637399				63	67	50	20	36	45			8	1.36	-0.02	20	18.5	-2.7	45	25.1	101			16.0	-16.0	-4.3	18.6	11	27	1.31	0.11	1.00
PR 250167													67	48	20	67	50	46	44	17			19	38	25	44	19	18	9	8	8
PR 250170		BOS 177213	PR 210077	98	111	121	90	108	119			116	103	84	108	111	121	123	109	118	116		119	97	113	109	114	118	110	120	112
99637415				61	66	53	39	44	49			16	0.06	0.57	16	18.4	4.5	96	26.3	137	-56		22.2	-4.9	-6.7	20.3	10	30	1.85	1.25	0.96
PR 250170													65	48	39	66	53	53	48	28	9		30	51	32	49	29	29	17	15	15
PR 250171	1	BOS 177213	PR 210083	108	113	100	81	113	111	109	108	114	109	94	121	113	100	102	111	114	111		115	102	117	111	115	115	111	117	107
99637423				61	66	53	39	43	49	22	44	16	-0.38	0.17	31	19.5	-1.5	48	27.8	122	-51		19.6	-8.9	-7.4	21.6	10	27	1.89	1.08	0.68
PR 250171													65	48	39	66	53	53	49	33	9		34	50	31	49	34	34	17	16	15
PR 250180		PR 210150	PR 220163	95	117	90	85	105	100			116	90	122	116	117	90	102	114	118	114		104	101	109	102	115	117	116	105	112
99639726				61	53	43	27	34	41			14	1.13	-0.92	25	22.2	-4.2	46	30.2	136	-54		13.1	-8.5	-5.9	16.2	10	30	2.42	0.40	0.98
PR 250180													65	45	27	53	43	41	37	24	7		25	37	23	42	25	25	15	14	14
PR 250215	25	BOS 122346	PR 220015	82	114	99	80	106	94	107	92	116	90	82	122	114	99	103	108	111	106		135	100	104	111	120	122	107	126	111
99613416				66	67	59	52	51	55	24	49	16	1.18	0.66	32	20.4	-1.7	49	25.0	114	-46		30.8	-7.7	-4.8	21.7	13	34	1.55	1.60	0.92
PR 250215													68	58	52	67	59	59	55	38	9		40	54	42	56	41	40	17	16	15

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																																
PR 250253 99652364 PR 250253	3	PR 210330 PR 220031		106 57	107 61	105 42	87 29	93 27	97 41				107 -0.25 62	94 0.20 40	112 21 29	107 16.2 61	105 -0.1 42	104 52 44	103 21.5 31	112 116 17			103 13.1 19	84 4.7 31	100 -4.1 14	99 13.9 37	125 16 19	118 30 19	109 1.78 5			
PR 250261 6020265044 PR 250261		PR 190276		101 52	103 55	94 38	99 14	85 25	86 35				103 0.08 56	92 0.28 36	99 6 14	103 14.1 55	94 -3.2 38	97 35 36	100 19.0 24	96 56 7			96 9.0 7	94 -2.8 28	93 -2.7 17	81 2.8 31	107 5 7	101 14 7				
PR 250288 99656183 PR 250288	1	BOS 200298 GH 180350		88 63	119 68	86 52	85 22	105 36	96 46		113 10		88 1.31 67	102 -0.14 49	116 25 22	119 23.3 68	86 -5.3 52	101 43 47	115 30.8 46	114 124 21	100 -39 6			104 13.5 23	100 -7.5 37	103 -4.7 24	110 21.1 47	122 14 23	123 35 22	114 2.25 11	96 -0.15 10	122 1.57 10
PR 250295 6020259468 PR 250295		PR 170083		111 49	87 52	100 38	101 16	80 16	78 33				111 -0.59 53	95 0.13 34	97 4 16	87 4.5 52	100 -1.4 38	85 7 35	85 7.4 12				81 7.1 16	91 -2.3 6	83 4.2 27							
PR 250315 99657173 PR 250315		PR 220219 PR 210165		112 57	96 61	89 43	103 26	108 27	102 40				115 -0.94 62	85 0.54 41	96 2 26	96 9.5 61	89 -4.5 43	86 9 43	94 14.1 30	99 70 7			99 10.8 8	106 -12.1 31	107 -5.6 14	107 19.4 36	100 1 8	98 12 8				
PR 250337 6020297427 PR 250337		PR 230028		94 48	108 51	113 29	88 18	81 19	88 31				97 0.58 54	93 0.24 28	110 18 18	108 16.6 51	113 2.1 29	112 70 33	105 22.9 20				78 10.0 26	100 -4.0 6	79 2.0 25							
PR 250345 99657298 PR 250345		PR 210100 PR 180012		114 59	91 62	106 47	98 18	102 28	102 41		86 12		109 -0.41 63	111 -0.50 44	99 6 18	91 6.9 62	106 0.2 47	94 27 42	90 11.0 35	88 27 17	93 -31 9			94 7.8 18	98 -5.7 27	100 -4.1 18	108 19.9 38	93 -3 18	91 5 18	90 -0.12 13	93 -0.30 12	75 -1.10 12
PR 250349 99663411 PR 250349	2	PR 210100 GH 180363		109 61	102 64	90 47	99 22	112 34	107 43		94 14		104 0.04 65	112 -0.54 46	99 6 22	102 13.4 64	90 -4.3 47	93 25 44	100 18.7 40	95 54 21	91 -29 10			94 7.9 23	110 -15.2 34	111 -6.2 24	109 20.4 43	93 -3 23	95 9 23	103 1.13 15	95 -0.17 14	89 -0.30 13
PR 260002 6020363609 PR 260002		PR 210100 PR 140044		110 59	91 50	97 45	109 15	100 27	99 37		81 12		106 -0.17 63	109 -0.39 45	93 -1 15	91 6.9 50	97 -2.3 45	89 16 37	90 10.9 34	83 9 17	87 -25 9			90 5.4 18	103 -9.4 26	104 -4.9 17	96 12.4 38	88 -6 18	85 -1 18	86 -0.54 13	92 -0.35 12	74 -1.21 12
PR 260008 6020363625 PR 260008		PR 210100 PR 200184		111 61	93 54	98 45	113 21	100 34	104 40	82 23	96 37	85 20	109 -0.43 65	101 -0.10 45	89 -5 21	93 8.0 54	98 -2.0 45	93 27 40	93 14.0 42	90 35 24	96 -35 20			88 4.4 27	104 -10.3 38	94 -2.9 23	105 17.7 40	89 -5 27	86 0 26	88 -0.30 21	110 0.72 19	89 -0.33 19
PR 260012 6020363633 PR 260012		PR 210100 PR 150024		111 60	91 51	99 47	103 19	106 29	102 39		82 12		105 -0.08 64	113 -0.57 47	95 2 19	91 7.2 51	99 -1.6 47	90 19 39	90 11.2 35	83 12 17	88 -26 9			91 5.7 18	108 -14.1 29	107 -5.6 19	101 15.5 38	88 -5 18	86 0 18	87 -0.47 13	92 -0.34 12	74 -1.19 12
PR 260013 6020363641 PR 260013		PR 210100 PR 190101		111 61	104 54	95 46	96 19	105 33	106 40		96 14		105 -0.10 65	114 -0.63 45	103 10 19	104 14.4 54	95 -2.7 46	98 36 40	103 21.1 40	96 59 17	99 -38 9			101 11.4 19	105 -11.3 37	108 -5.6 23	101 15.4 40	100 1 19	100 14 19	99 0.76 14	100 0.10 13	94 -0.04 12

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high Value <80 Value >120 Breeding values with an accuracy < 5% are not printed

Animal		Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name			Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
PR 260018 6020363658 PR 260018		PR 210100 PR 180084	105 61	103 54	104 47	102 19	111 31	115 40			100 12	99 0.42	116 -0.68	96 3	103 13.7	104 -0.2	107 58	101 19.6	100 72	103 -42	102 12.0	114 -18.1	113 -6.8	101 15.7	99 1	102 15	102 1.03	102 0.21	98 0.20
PR 260030 6020363666 PR 260030		PR 210100 PR 160077	109 59	95 51	112 47	103 19	107 29	112 39			91 12	102 0.18	117 -0.72	95 2	95 9.5	112 1.9	106 55	94 14.2	92 43	97 -36	98 9.9	104 -10.6	110 -6.0	103 16.5	97 -1	96 9	95 0.34	94 -0.22	78 -0.98

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
PR 140004 88701438 PR140004			93 63	89 59	134 76	95 32	81 32	88 49				98 0.48 62	86 0.52 68	101 8 32	89 5.7 59	134 8.2 76	114 76 56	88 10.1 20				80 8.6 32	82 -0.4 13	95 11.8 50					
PR 140013 88701198 PR140013			112 67	104 65	121 79	89 20	114 33	123 50				107 -0.28 66	111 -0.48 70	109 17 20	104 14.4 65	121 4.4 79	115 77 55	104 22.0 36				114 -18.3 34	112 -6.4 12	108 20.0 52					
PR 140027 88701206 PR140027			109 62	88 58	122 74	89 33	83 27	86 47				107 -0.25 61	102 -0.13 67	108 16 33	88 5.4 58	122 4.8 74	101 44 55	88 9.4 24				80 8.4 23	80 -0.1 7	100 14.6 50					
PR 140044 91124552 14044			105 59	83 50	104 68							108 -0.36 58	87 0.45 63		83 2.0 50	104 -0.3 68		82 5.0 22				93 -1.6 22		82 3.8 48					
PR 150024 88701347 PR150024			110 63	82 56	108 73	102 30	94 32	89 47				110 -0.50 62	95 0.15 67	96 2 30	82 1.6 56	108 0.9 73	87 12 53	81 4.5 30				104 -10.9 32	93 -2.7 14	92 9.8 50					
PR 150063 88701339 PR150063			116 65	85 63	108 77		84 27					113 -0.73 64	103 -0.18 67		85 3.2 63	108 0.9 77		84 6.7 20				89 1.3 23	89 -1.9 6	88 7.1 51					
PR 150067 88701297 PR150067			116 64	96 59	114 75							113 -0.74 63	103 -0.19 67		96 9.7 59	114 2.4 75		93 13.3 24				119 -22.6 23		106 18.4 52					
PR 160008 88700216 PR160008			120 59	80 57	110 74							115 -0.93 58	108 -0.36 64		80 0.4 57	110 1.4 74		79 3.0 16				79 8.9 23		94 11.0 49					
PR 160016 88701156 PR160016			96 58	86 56	113 74	116 32	99 32	100 47				102 0.16 57	80 0.72 63	86 -9 32	86 4.1 56	113 2.3 74	101 45 54	86 8.4 24				106 -12.1 39	96 -3.2 15	99 13.9 43					
PR 160047 88701123 PR160047			106 64	90 62	105 76		98 29					108 -0.34 63	90 0.34 66		90 6.3 62	105 0.0 76		86 8.3 25				108 -13.8 23	90 -2.1 13	100 14.7 50					
PR 160065 88701131 PR160065			92 60	103 52	142 70	83 16	90 28					93 0.90 59	97 0.05 65	115 24 16	103 14.0 52	142 10.4 70	128 109 46	100 19.0 20				87 2.4 25	87 -1.4 11	103 16.4 49					
PR 160066 88700612 PR160066			110 62	88 61	112 74							107 -0.22 62	105 -0.26 64		88 5.0 61	112 2.0 74		87 9.1 25				78 9.9 23		103 16.6 50					

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Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
PR 160077 88700794 PR160077			105 60	90 55	134 73	101 29	94 29	108 46				103 0.06 59	103 -0.16 65	96 2 29	90 6.3 55	134 8.0 73	118 84 52	89 10.5 29				96 -4.0 32	97 -3.5 8	95 11.9 48					
PR 160101 88700224 PR160101			111 64	89 62	105 78	101 16	102 33	99 48				111 -0.54 63	97 0.05 69	97 3 16	89 5.7 62	105 -0.1 78	92 22 52	85 7.4 24				108 -13.6 33	94 -2.8 15	105 17.8 51					
PR 170012 90987678 17012			90 57	101 55	136 72	82 32						95 0.73 56	86 0.48 61	117 26 32	101 12.6 55	136 8.6 72	120 89 53	99 18.6 20				94 -2.9 32		101 15.6 41					
PR 170015 90987686 17015			82 59	108 57	125 74	82 37	107 26	106 47				81 1.88 58	106 -0.29 63	117 26 37	108 16.9 57	125 5.7 74	119 87 56	107 24.8 20				100 -7.7 23	113 -6.7 14	104 17.5 41					
PR 170016 90987694 17016			104 58	92 56	112 73	95 32	109 29	105 46				104 0.03 57	100 -0.04 63	102 10 32	92 7.4 56	112 2.1 73	99 39 54	90 11.5 22				112 -17.2 32	108 -5.6 12	104 17.0 42					
PR 170039 90987751 17039			100 58	106 56	103 74	91 31	91 29	93 46				99 0.44 57	103 -0.16 63	107 16 31	106 15.7 56	103 -0.7 74	104 51 54	104 22.3 22				92 -1.1 32	90 -2.0 8	100 14.6 47					
PR 170057 90987801 17057			102 56	94 54	113 72							102 0.19 55	98 0.02 61		94 8.4 54	113 2.1 72		94 14.1 19				87 2.8 23		96 12.2 42					
PR 170063 90987827 17063			90 61	89 59	137 73	102 32	102 29	108 47				94 0.82 61	90 0.36 63	95 1 32	89 5.8 59	137 9.0 73	120 89 55	87 8.9 36				106 -12.4 32	91 -2.4 7	110 20.7 47					
PR 170071 90987330 17071			131 56	73 51	69 68							127 -1.87 55	104 -0.19 60		73 -3.7 51	69 -10.1 68		72 -2.8 32						89 8.1 46					
PR 170083 90987389 17083			115 58	78 56	105 73	103 32	89 31	84 47				114 -0.82 57	98 0.02 62	95 2 32	78 -0.6 56	105 -0.1 73	80 -4 54	78 1.8 22				87 2.4 32	89 -1.9 13	99 14.0 47					
PR 170085 91009365 17085			112 57	94 55	97 72		104 24					106 -0.12 56	115 -0.64 62		94 8.5 55	97 -2.3 72		92 13.2 20				109 -14.5 23	100 -4.1 6	102 16.1 42					
PR 170091 90987413 17091			97 54	89 52	120 70	89 39	102 26	94 45				101 0.22 53	86 0.49 59	109 17 39	89 5.6 52	120 4.2 70	99 40 54	88 9.7 28				104 -10.8 31	96 -3.4 6	105 18.0 40					

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																																
PR 170096 92077700 17 0096				104 57	94 56	138 69	96 31						104 0.00 57	99 0.00 59	99 6 31	94 8.7 56	138 9.2 69	124 98 52		92 13.2 24				89 0.8 23		106 18.8 41						
PR 170121 90987454 17121				108 56	87 54	123 71							107 -0.23 55	100 -0.06 61			87 4.6 54	123 5.0 71		86 8.5 16					92 10.0 42							
GH 180350 88435276 GH 180350		BOS 100484 GH 110039		112 68	101 72	81 76	102 32	100 50	95 56			91 14	113 -0.77 68	91 0.30 67	97 4 32	101 12.8 72	81 -6.8 76	85 6 60		98 17.3 54	96 58 27	79 -17 9	86 3.0 29	101 -7.9 54	102 -4.5 33	98 13.8 63	97 0 29	95 9 28	98 0.67 14	90 -0.46 13	112 1.00 12	
GH 180355 88446109 GH 180355			GH 131069	106 50	84 59	103 65		86 30					107 -0.25 49	93 0.22 53			84 2.6 59	103 -0.5 65		82 5.3 21				86 3.7 39	89 -1.9 6	94 10.8 44						
GH 180357 88446125 GH 180357		BOS 100484 GH 121077		96 63	113 67	88 72	91 31	101 51	95 53			106 14	101 0.24 63	85 0.55 65	109 17 31	113 19.4 67	88 -4.7 72	98 38 57		108 25.0 54	109 106 26	102 -41 9	99 10.7 28	105 -11.7 56	93 -2.6 38	106 18.2 59	112 8 28	111 24 28	110 1.81 14	91 -0.44 13	109 0.80 12	
GH 180363 92279744 18 0363		BOS 100484		110 64	106 62	86 71	92 31	106 45	99 51			99 14	111 -0.61 64	91 0.29 66	108 16 31	106 15.3 62	86 -5.5 71	89 17 55		102 20.9 49	104 86 26	96 -34 9	96 8.7 28	105 -11.7 47	101 -4.3 31	109 20.5 57	109 7 28	104 17 28	108 1.60 14	79 -1.09 13	83 -0.69 12	
PR 180029 92077908 18 0029				121 55	91 53	74 70	109 31	108 25	97 44				123 -1.59 54	86 0.51 60	93 0 31	91 7.2 53	74 -8.8 70	69 -31 51		90 11.0 19				112 -16.9 23	103 -4.8 11	104 17.6 40						
PR 180048 92078054 18 0048				119 53	93 47	90 64							116 -0.99 52	102 -0.15 57			93 8.0 47	90 -4.1 64		93 13.4 28					93 10.5 40							
PR 180052 92077734 18 0052				106 49	84 47	115 65							107 -0.28 48	93 0.23 53			84 3.1 47	115 2.9 65		84 6.5 16				101 -8.3 22		98 13.3 39						
PR 180063 89347645 PR 180063			PR 110030	128 64	69 62	93 68	126 16	83 32	84 46				130 -2.11 65	86 0.51 61	75 -21 16	69 -5.6 62	93 -3.4 68	66 -37 49		69 -5.2 40				92 -1.5 48	82 -0.5 5	90 8.4 44						
PR 180084 89347736 PR 180084			PR 140013	97 68	105 66	118 73	99 40	104 37	114 53				96 0.63 68	101 -0.09 66	98 5 40	105 15.0 66	118 3.7 73	120 89 60		103 21.6 46				115 -18.9 53	105 -5.1 11	93 10.2 46						
PR 180108 92078047 18 0108				106 53	86 47	110 65	92 32						108 -0.29 52	92 0.27 58	106 14 32	86 3.8 47	110 1.4 65	89 16 48		85 7.3 12				92 -1.4 23		98 13.4 40						

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ID Number Name				Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
PR 180123 92077833 18 0123				113 53	81 52	114 69	109 32						111 -0.60 52	100 -0.06 58	92 -2 32	81 1.3 52	114 2.4 69	93 25 51		81 4.2 20				88 1.6 22		102 16.1 40					
PR 180134 92077676 18 0134				102 54	85 52	107 70	99 28	92 26					106 -0.17 53	85 0.52 59	99 6 28	85 3.2 52	107 0.6 70	88 14 50		84 6.5 24				100 -7.6 31	92 -2.5 6	93 10.2 40					
PR 180151 92077692 18 0151				93 54	93 52	119 70	96 32	89 23					98 0.54 53	86 0.48 58	101 9 32	93 8.2 52	119 4.0 70	107 58 51		92 12.9 17				88 1.9 23	90 -2.0 6	98 13.6 40					
PR 180155 89347652 PR 180155		PR 110049		109 65	90 65	111 72	99 32	88 42	91 52				107 -0.27 66	101 -0.11 63	98 5 32	90 6.2 65	111 1.7 72	97 36 56		88 10.1 28				86 3.1 51	92 -2.5 29	95 11.9 46					
PR 180186 92077841 18 0186				101 53	82 43	104 60	107 31						106 -0.20 52	81 0.70 58	93 -1 31	82 1.9 43	104 -0.2 60	86 8 45		82 4.9 16						101 15.5 40					
PR 180188 92077809 18 0188				98 54	94 48	124 66	94 32	94 22					101 0.27 53	92 0.27 59	103 10 32	94 8.8 48	124 5.4 66	111 68 49		93 13.7 19				89 0.9 22	100 -4.1 6	98 13.7 39					
GH 190701 88446208 GH 190701		BOS 100484 GH 131459		106 69	101 69	94 74	100 33	87 51	89 55			94 14	109 -0.40 70	88 0.42 67	98 5 33	101 12.6 69	94 -3.0 74	95 31 59		97 16.6 56	99 68 26	90 -28 9	91 5.7 28	75 11.9 56	88 -1.7 36	106 18.4 60	100 2 28	99 12 28	99 0.77 14	88 -0.57 13	104 0.55 12
GH 190709 88446265 GH 190709		BOS 100484 GH 131468		109 69	108 68	86 71	95 31	105 49	102 54			101 14	111 -0.55 70	90 0.32 66	103 11 31	108 17.0 68	86 -5.3 71	94 29 57		104 22.3 53	104 86 26	93 -32 9	95 8.3 28	102 -9.1 54	107 -5.4 32	103 16.7 60	102 3 28	104 17 28	106 1.47 14	88 -0.57 13	110 0.86 12
GH 190710 88446273 GH 190710		BOS 100484 GH 121303		111 69	108 69	84 75	97 31	103 50	102 55			96 14	112 -0.63 70	95 0.16 67	101 9 31	108 16.8 69	84 -5.8 75	93 27 58		105 22.7 54	102 79 26	93 -32 9	95 8.1 28	107 -13.0 56	102 -4.6 34	100 14.9 60	107 5 28	101 14 28	101 0.93 14	92 -0.35 13	110 0.86 12
GH 190721 90052259 GH 190721		AHD 140091 GH 131312		105 64	98 65	74 67	113 27	94 46	87 50			85 6	109 -0.44 65	85 0.53 60	90 -4 27	98 11.0 65	74 -8.8 67	78 -11 53		96 15.8 46	89 33 13		88 4.4 14	113 -17.7 52	92 -2.5 32	86 6.2 53	95 -1 14	89 3 14	89 -0.27 7	86 -0.71 6	89 -0.35 6
PR 190007 92077742 19 0007				108 54	98 52	99 69	113 32						108 -0.36 53	95 0.15 58	89 -6 32	98 10.7 52	99 -1.6 69	100 43 51		95 15.5 20				99 -6.6 22		107 19.4 40					
PR 190008 92077759 19 0008				112 55	78 53	83 70	114 32	93 26	78 44				115 -0.92 53	87 0.48 60	89 -5 32	78 -0.6 53	83 -6.1 70	64 -43 52		77 1.4 19				94 -2.4 31	84 -0.9 6	106 18.6 40					

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ID Number Name																													
PR 190022		CM 130234	108	95	80	103	101	88	83	81	85	106	102	97	95	80	77	94	84	80	78	104	95	105	101	91	92	89	83
94465168			60	59	70	31	41	49	22	44	14	-0.17	-0.13	3	9.1	-7.1	-12	14.2	13	-17	-1.3	-10.8	-3.0	17.7	2	5	0.04	-0.51	-0.67
19 022												60	61	31	59	70	53	44	25	17	27	45	25	53	27	27	15	13	13
PR 190030		PB 160059	109	95	72	122	103	97				108	100	81	95	72	75	92	83		91	108	108	93	80	76			
90117722		PR 160089	70	71	74	25	50	54				-0.32	-0.06	-14	9.1	-9.3	-16	13.1	11		5.9	-14.1	-5.6	10.3	-10	-10			
PR 190030												71	67	25	71	74	57	49	12		13	59	33	57	14	13			
PR 190051		BOS 122346	80	112	101	80	112	96	100	92	108	85	90	122	112	101	103	107	106	106	123	104	113	110	119	115	101	109	93
90117441		PR 160052	71	71	75	43	54	58	22	51	14	1.59	0.36	32	19.1	-1.1	48	24.1	93	-46	24.2	-10.4	-6.8	20.9	12	28	0.99	0.64	-0.09
PR 190051												72	69	43	71	75	63	56	34	8	36	59	44	60	36	36	15	14	14
PR 190068		GH 160126	121	87	115	112	96	110				121	92	89	87	115	102	85				90	107	93					
90117839		PR 160003	67	67	70	20	46	51				-1.40	0.27	-5	4.8	2.9	48	7.2				0.5	-5.5	10.6					
PR 190068												68	62	20	67	70	52	40				55	30	52					
PR 190080		BOS 122346	73	127	126	70	116	117	128	118	138	75	102	135	127	126	128	122	135	128	140	106	117	113	136	141	129	122	118
90117805		PR 140013	72	72	75	43	55	59	22	52	14	2.45	-0.15	47	27.6	5.9	109	36.0	199	-70	33.8	-12.3	-7.5	23.0	22	53	3.73	1.38	1.33
PR 190080												73	69	43	72	75	63	57	34	8	36	60	44	61	36	36	15	14	14
PR 190088		GH 160126	125	86	98	114	86	95				126	88	88	86	98	86	83				98	83	90					
90117714		PR 140051	66	67	68	20	45	50				-1.81	0.40	-7	4.2	-2.0	10	6.1				-5.8	-0.7	8.7					
PR 190088												68	60	20	67	68	52	39				55	28	52					
PR 190101		PD 150024	108	108	101	88	92	97			99	108	99	111	108	101	103	108	102		104	97	94	92	118	109	96	88	90
90116831		PR 140032	69	67	69	21	46	51			7	-0.31	0.00	19	16.7	-1.1	48	25.0	80		13.6	-5.3	-2.8	9.8	12	21	0.41	-0.61	-0.28
PR 190101												70	64	21	67	69	52	48	10		11	56	28	53	11	11	7	7	7
PR 190109		BOS 122346	95	104	102	91	107	101	98	96	101	102	78	107	104	102	102	99	102	103	122	106	106	106	110	106	96	115	99
90117334		PR 110101	70	70	74	43	55	58	22	51	14	0.16	0.82	15	14.5	-0.7	46	18.4	80	-42	23.4	-11.8	-5.3	18.2	7	19	0.48	0.96	0.26
PR 190109												71	67	43	70	74	62	56	34	8	36	60	45	59	36	36	15	14	14
PR 190113		PB 160059	97	99	94	99	102	94				101	88	99	99	94	93	96	97		106	117	103	89	101	95			
90116864		PR 140020	69	69	73	24	49	53				0.27	0.42	6	11.6	-3.0	26	16.1	61		14.6	-20.8	-4.7	7.9	2	9			
PR 190113												70	66	24	69	73	55	48	12		13	58	34	56	14	13			
PR 190118		BOS 122346	95	100	101	91	96	88	88	82	90	100	87	108	100	101	95	96	89	88	109	89	99	103	100	96	85	106	86
90117292		PR 110034	71	71	75	43	55	58	22	51	14	0.36	0.46	16	11.8	-1.1	31	15.9	34	-26	16.3	1.5	-3.8	16.9	2	10	-0.61	0.44	-0.48
PR 190118												72	69	43	71	75	63	54	34	8	36	60	44	60	36	36	15	14	14
PR 190129		PB 160059	97	94	92	108	93	87				101	87	93	94	92	89	91	91		101	93	106	88	95	88			
90116880		PR 100275	70	70	73	23	50	54				0.27	0.45	-1	8.8	-3.5	15	12.1	40		11.8	-1.7	-5.2	7.2	-2	2			
PR 190129												71	66	23	70	73	55	48	12		13	59	34	57	14	13			
PR 190131		BOS 122346	85	103	101	81	109	90	90	84	94	93	79	121	103	101	94	99	92	89	111	112	102	108	105	101	90	110	91
91954453		PR 100081	71	72	75	48	55	60	22	52	14	0.88	0.76	31	14.1	-1.1	28	17.9	42	-27	17.6	-17.1	-4.4	19.9	4	14	-0.14	0.67	-0.24
PR 190131												72	69	48	72	75	65	52	34	8	36	62	44	60	36	36	15	14	14

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ID Number Name																																	
PR 190134		PB 160059		98	96	91	101	107	94				104	80		98	96	91	87		94	96		103	112	106	100		100	88			
94465184				60	60	70	23	39	47				0.00	0.73		5	9.6	-3.9	12		14.1	58		12.9	-16.8	-5.4	14.6		2	2			
19 134													60	62		23	60	70	51		42	12		13	42	23	52		14	13			
PR 190137		GH 160126		103	105	117	101	100	114				109	80		96	105	117	120		103				98	106	97						
90116963		PR 110026		69	69	72	22	47	52				-0.43	0.74		3	15.0	3.2	88		21.0			-5.8	-5.4	12.8							
PR 190137													70	64		22	69	72	54		44			56	32	54							
PR 190151		AHD 140091		100	109	100	93	95	98			104	102	95		105	109	100	106		107	107		103	113	96	84		115	110	105	90	96
90116740		PR 110113		68	67	70	27	49	53			6	0.20	0.16		13	17.5	-1.4	56		24.7	97		12.9	-17.5	-3.2	4.7		10	23	1.38	-0.50	0.06
PR 190151													69	63		27	67	70	55		46	13		14	56	34	56		14	14	7	6	6
PR 190154		CM 130234		93	103	88	96	97	86	93	81	96	92	105		103	103	88	90		98	93	87	92	110	91	96		108	101	100	102	105
90142563		PR 160101		70	71	74	32	50	56	22	49	14	0.99	-0.26		10	13.8	-4.9	18		17.8	48	-25	6.4	-15.7	-2.3	12.1		6	14	0.82	0.23	0.59
PR 190154													71	67		32	71	74	59		50	25	17	27	59	35	55		27	27	15	13	13
PR 190157		GH 160126		106	94	112	107	101	108				108	90		93	94	112	106		91				107	100	98						
90117730		PR 100074		65	65	66	20	45	49				-0.33	0.34		-1	8.8	2.1	56		12.0			-13.0	-4.2	13.7							
PR 190157													67	59		20	65	66	50		40			55	28	52							
PR 190160		CM 130234		102	104	96	93	104	99	100	94	100	98	110		106	104	96	97		102	100	98	93	107	98	106		111	104	106	97	86
94465192				60	59	69	28	38	47	22	42	14	0.51	-0.45		13	14.3	-2.5	35		20.2	71	-37	7.4	-13.0	-3.7	18.4		8	17	1.41	-0.08	-0.48
19 160													60	61		28	59	69	52		44	25	17	27	40	24	51		27	27	15	13	13
PR 190162		PB 160059		112	85	83	121	103	96				114	89		81	85	83	74		84	77		89	117	102	93		79	72			
90117326		PR 100044		70	71	74	26	50	55				-0.80	0.38		-14	3.4	-6.1	-19		6.3	-11		5.0	-20.5	-4.4	10.2		-11	-14			
PR 190162													71	67		26	71	74	57		50	12		13	60	34	56		14	13			
PR 190164		GH 160126		99	106	136	94	95	117				104	84		102	106	136	134		104				98	103	90						
90117235		PR 130026		67	68	71	20	46	51				-0.03	0.59		10	15.7	8.8	122		21.9			-5.6	-4.7	8.6							
PR 190164													68	63		20	68	71	53		40			56	31	51							
PR 190165		GH 160126		113	94	102	110	83	93				115	89		91	94	102	97		91				96	77	91						
90116930		PR 140043		67	68	69	20	45	51				-0.88	0.37		-3	8.6	-0.9	35		12.5			-4.1	0.6	9.1							
PR 190165													69	62		20	68	69	52		42			55	27	52							
PR 190199		AHD 140091		114	94	81	106	99	92			83	115	90		94	94	81	78		93	89		89	112	90	100		98	88	92	76	65
94465267				57	57	66	27	38	46			6	-0.95	0.36		1	8.8	-6.7	-9		13.8	33		5.0	-16.8	-2.2	14.5		0	2	0.04	-1.30	-1.71
19 199													57	58		27	57	66	50		40	13		14	40	23	50		14	14	7	6	6
PR 190210		CM 130234		101	97	73	113	87	78	79	71	80	100	100		91	97	73	76		94	80	78	77	95	85	92		96	85	84	94	89
90142597		PR 150062		69	69	72	28	49	54	22	48	14	0.29	-0.06		-3	10.3	-8.9	-16		14.8	-1	-15	-1.9	-3.9	-1.0	9.8		-1	-1	-0.71	-0.23	-0.30
PR 190210													70	65		28	69	72	56		50	25	17	27	57	33	56		27	27	15	13	13
PR 190222		AHD 140091		116	99	82	118	84	93			93	115	99		85	99	82	88		97	98		93	93	83	89		98	95	98	92	100
90117706		PR 120027		70	70	70	28	48	54			6	-0.88	-0.02		-10	11.3	-6.4	13		16.4	64		7.0	-2.3	-0.6	8.0		0	8	0.61	-0.35	0.29
PR 190222													71	66		28	70	70	56		50	13		14	57	31	56		14	14	7	6	6

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																																
PR 190236 94465275 19 236		PD	150024	106 58	101 57	93 68	95 15	93 33	91 44			93 7	111 -0.62 58	81 0.68 59	103 10 15	101 13.0 57	93 -3.3 68	93 26 47	103 21.4 35	99 69 10			106 14.7 11	92 -1.5 34	88 -1.8 17	104 17.2 48	112 8 11	103 16 11	95 0.31 7	80 -1.05 7	73 -1.21 7	
PR 190267 90142126 PR 190267		PB	160059 PR 150028	97 61	96 63	102 55	108 23	99 39	99 45				103 0.11 64	82 0.66 52	93 -1 23	96 9.8 63	102 -0.7 55	99 40 47	94 14.1 48	97 60 12			99 10.3 13	108 -14.1 42	111 -6.2 24	83 4.3 51	95 -1 14	93 6 13				
PR 190276 90142159 PR 190276		AHD	140091 PR 130066	105 69	103 70	92 73	105 28	98 49	100 54			87 6	108 -0.36 70	87 0.47 66	95 1 28	103 13.7 70	92 -3.6 73	97 35 57	100 19.2 49	92 43 13			91 5.7 14	115 -19.2 57	91 -2.2 34	95 11.4 55	98 0 14	93 6 14	91 -0.03 7	87 -0.68 6	90 -0.29 6	
PR 200001 94465143 20 001		CM	130234	94 57	105 57	88 66	100 31	104 40	95 47	95 22	90 42	96 14	92 0.96 57	105 -0.24 58	98 5 31	105 14.9 57	88 -4.9 66	94 27 51	103 21.1 45	96 57 25	95 -33 17			94 7.5 27	105 -11.5 45	100 -4.0 24	106 18.5 51	117 12 27	102 16 27	101 0.90 15	90 -0.48 13	83 -0.68 13
PR 200038 91567487 PR 200038		GH	160126 PR 170090	97 63	102 65	124 66	98 32	96 44	108 50				99 0.42 65	93 0.23 58	99 6 32	102 13.5 65	124 5.4 66	121 93 54	98 17.5 40					97 -5.1 55	99 -3.8 28	96 12.4 50						
PR 200040 91567727 PR 200040		PB	160059 PR 170019	92 64	103 66	106 65	96 23	104 47	101 50				97 0.54 66	85 0.52 59	102 9 23	103 13.7 66	106 0.2 65	105 54 51	100 19.3 48	101 77 12			110 16.7 13	112 -17.1 58	113 -6.6 28	88 7.2 54	106 5 14	100 13 13				
PR 200041 91567735 PR 200041		BOS	122346 PR 140048	93 68	103 68	95 68	104 53	104 54	99 57	97 22	94 50	100 14	97 0.56 69	88 0.41 63	95 1 53	103 13.6 68	95 -2.7 68	99 41 63	96 16.2 58	99 69 34	95 -34 8			116 20.1 36	101 -8.1 61	101 -4.2 41	107 19.4 59	105 4 36	104 17 36	96 0.43 15	112 0.80 14	100 0.30 14
PR 200047 96840863 20 047				94 36	88 35	132 51							99 0.39 35	85 0.54 40		88 5.3 35	132 7.5 51		88 9.6 23						98 13.5 30							
PR 200051 91525972 PR 200051		PB	160059 PR 130020	112 67	88 66	98 65	114 23	101 47	101 50				115 -0.91 68	87 0.48 62	88 -6 23	88 5.1 66	98 -2.1 65	88 13 51	87 9.1 48	88 29 12			104 13.2 13	108 -13.9 57	107 -5.5 31	90 8.6 54	90 -4 14	83 -3 13				
PR 200053 91567776 PR 200053		BC	160639 PR 120005	95 68	92 69	125 71	100 39	96 49	101 55	93 37	95 51	93 32	104 0.01 69	73 1.00 64	97 4 39	92 7.4 69	125 5.6 71	112 70 60	94 14.7 52	104 87 34	118 -59 36			93 6.9 39	102 -9.4 58	95 -3.1 34	96 12.5 55	113 9 39	97 10 37	89 -0.25 33	112 0.81 30	86 -0.49 29
PR 200054 91525998 PR 200054		BC	160639 PR 150056	121 68	83 68	104 69	99 38	97 48	93 54	80 37	85 51	76 32	125 -1.73 69	81 0.70 63	99 6 38	83 2.4 68	104 -0.4 69	84 4 58	87 8.8 53	88 28 34	100 -39 36			79 -1.0 39	109 -14.3 57	89 -1.8 34	99 14.0 54	95 -2 39	78 -8 37	74 -1.70 33	109 0.63 30	80 -0.85 29
PR 200055 91526004 PR 200055		BC	160639 PR 170045	101 67	84 66	112 66	115 29	82 47	87 51	83 37	80 48	80 32	112 -0.69 68	65 1.32 62	87 -8 29	84 2.7 66	112 1.9 66	97 34 54	87 8.6 53	92 44 34	105 -45 36			82 1.1 39	100 -7.7 57	70 2.0 29	92 9.7 54	100 1 39	83 -3 37	78 -1.35 33	110 0.67 30	81 -0.77 29

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Index EBV Acc		Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
PR 200079	BC 160639	103	93	114	99	104	105	102	101	99	110	78	98	93	114	104	98	109	111	96	111	102	98	108	100	98	125	111
91526103	PR 090106	70	70	71	29	47	54	37	51	32	-0.48	0.80	5	8.3	2.6	52	17.6	105	-51	9.1	-16.4	-4.5	13.5	6	14	0.63	1.54	0.95
PR 200079											71	65	29	70	71	57	53	34	36	39	57	32	53	39	37	33	30	29
PR 200080	BC 160639	129	79	96	113	88	91	80	83	75	131	84	89	79	96	76	83	87	100	78	104	77	94	94	77	73	109	79
91789974	PR 150106	69	68	70	39	48	55	37	51	32	-2.24	0.58	-5	-0.1	-2.5	-15	5.7	25	-39	-1.3	-10.5	0.5	11.4	-2	-9	-1.80	0.62	-0.88
PR 200080											70	65	39	68	70	59	52	34	36	39	57	34	54	39	37	33	30	29
PR 200085	GH 160126	117	92	110	103	94	102				121	84	95	92	110	100	90				91	98	97					
91526152	PR 170083	67	68	69	32	45	53				-1.37	0.58	2	7.4	1.4	42	11.1				-0.2	-3.7	13.1					
PR 200085											69	62	32	68	69	56	41				55	28	51					
PR 200091	BC 160639	104	91	118	118	94	109	96	103	96	107	89	82	91	118	113	92	104	114	98	104	89	96	114	97	91	121	95
91526194	PR 130071	65	66	66	38	47	53	37	50	32	-0.22	0.38	-13	6.7	3.7	72	12.6	88	-55	9.9	-10.9	-1.9	12.6	9	11	-0.04	1.30	0.00
PR 200091											67	59	38	66	66	57	52	34	36	39	57	30	54	39	37	33	30	29
PR 200093	BC 160639	104	88	117	110	87	96	87	89	86	113	69	91	88	117	104	91	97	111	87	103	80	91	105	89	82	111	83
91526202	PR 130096	67	67	69	29	48	52	37	49	32	-0.78	1.16	-3	4.9	3.5	50	12.4	62	-51	3.5	-10.0	-0.2	9.1	4	3	-0.87	0.73	-0.65
PR 200093											68	62	29	67	69	55	52	34	36	39	57	33	54	39	37	33	30	29
PR 200102	PD 150024	96	109	106	95	91	98			106	99	93	102	109	106	111	108	110		110	93	90	98	120	112	103	92	103
91526285	PR 170063	66	64	60	17	42	47				0.46	0.20	10	17.1	0.2	68	25.5	108		16.9	-2.2	-2.1	13.7	13	25	1.16	-0.38	0.45
PR 200102											68	61	17	64	60	47	45	10		11	54	23	50	11	11	7	7	7
PR 200109	BC 171044	124	86	69	96	96	75				123	95	103	86	69	57	84				104	96	94					
91571935	PR 110062	65	66	68	29	43	51				-1.53	0.15	11	3.9	-10.1	-60	6.6				-10.7	-3.3	11.2					
PR 200109											67	59	29	66	68	54	34				53	26	50					
PR 200126	GH 160126	86	114	131	93	103	119				89	95	103	114	131	137	111				95	112	100					
91526400	PR 170015	67	68	70	34	44	53				1.26	0.14	11	20.2	7.3	129	27.2				-3.8	-6.5	14.5					
PR 200126											69	62	34	68	70	57	41				55	28	50					
PR 200162	PD 150024	109	108	97	96	94	101			102	111	90	102	108	97	103	110	104		105	93	98	96	121	111	98	90	93
91526418	PR 170008	63	64	63	20	42	47				-0.59	0.34	9	16.7	-2.3	50	26.9	85		14.1	-1.7	-3.6	12.4	13	24	0.63	-0.46	-0.09
PR 200162											65	55	20	64	63	49	42	10		11	54	23	50	11	11	7	7	7
PR 200172	BC 160639	106	90	121	109	97	108	88	100	87	112	78	92	90	121	110	94	98	112	87	106	85	104	106	90	83	111	84
91526442	PR 160007	68	68	69	29	48	53	37	50	32	-0.70	0.83	-2	6.5	4.5	64	14.1	65	-52	4.0	-12.5	-1.1	17.0	5	4	-0.80	0.74	-0.63
PR 200172											69	63	29	68	69	55	53	34	36	39	58	32	54	39	37	33	30	29
PR 200184	BC 160639	110	85	105	118	82	90	81	83	76	118	71	84	85	105	93	89	89	102	80	95	66	99	96	79	74	109	80
91567743	PR 160028	68	67	67	29	47	52	37	49	32	-1.16	1.08	-12	3.3	0.1	27	10.2	32	-41	-0.4	-3.4	2.7	14.3	-1	-7	-1.71	0.63	-0.85
PR 200184											69	63	29	67	67	54	53	34	36	39	58	29	54	39	37	33	30	29
PR 200188	BC 171044	107	99	84	91	89	78				105	101	109	99	84	81	98				87	91	98					
91571984	PR 130008	64	66	64	29	41	50				-0.10	-0.10	17	11.4	-5.9	-3	17.3				2.7	-2.3	13.5					
PR 200188											66	57	29	66	64	53	38				54	20	48					

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 200197 91567669 PR 200197		BC 160639 PR 110112	101 70	93 70	126 72	114 39	106 49	120 56	98 37	114 52	99 32	109 -0.40 71	76 0.90 66	87 -8 39	93 8.2 70	126 5.8 72	120 89 60	97 16.3 54	110 108 34	121 -62 36	95 8.5 39	111 -16.3 59	104 -4.9 34	100 14.9 55	112 8 39	100 13 37	96 0.45 33	119 1.19 30	99 0.22 29	
PR 200200 91567750 PR 200200		BC 160639 PR 120027	104 68	97 69	112 68	113 31	94 48	107 53	99 37	102 50	98 32	106 -0.18 70	90 0.34 62	89 -6 31	97 10.2 69	112 2.1 68	111 68 56	99 18.6 54	108 102 34	119 -59 36	94 7.5 39	104 -10.2 59	85 -1.0 30	101 15.3 55	111 8 39	97 11 37	94 0.30 33	117 1.13 30	96 0.07 29	
PR 200210 91571893 PR 200210		BC 171044 PR 130042	79 66	115 67	120 68	80 32	99 43	100 52				83 1.77 68	95 0.15 61	120 30 32	115 20.7 67	120 4.3 68	120 90 56	112 28.0 38				92 -1.1 53	104 -4.9 25	102 15.9 50						
PR 200211 91567891 PR 200211		AHD 140091 PR 110030	97 68	107 69	102 71	100 40	96 48	101 55			102 6	99 0.42 69	94 0.19 63	98 5 40	107 16.1 69	102 -0.7 71	109 62 60	103 21.5 49	104 88 13		103 12.7 14	105 -11.3 57	94 -2.8 32	96 12.1 55	116 11 14	108 21 14	103 1.19 7	93 -0.29 6	101 0.35 6	
PR 200214 96840889 20 214			111 43	84 42	87 58							110 -0.51 42	98 0.03 48		84 3.0 42	87 -4.9 58		83 6.2 16					105 17.8 31							
PR 200235 91568220 PR 200235		BC 160639 PR 110106	93 69	90 69	130 71	98 42	107 49	107 56	87 37	100 52	89 32	105 -0.06 70	64 1.37 65	98 5 42	90 6.3 69	130 7.0 71	114 74 61	93 13.9 54	99 69 34	111 -52 36	88 4.1 39	116 -20.1 59	100 -4.0 34	103 16.5 54	104 4 39	91 4 37	86 -0.51 33	115 0.97 30	90 -0.29 29	
PR 200247 96840855 20 247			108 43	95 42	125 58							106 -0.15 42	103 -0.17 47		95 9.2 42	125 5.6 58		95 15.1 16					107 19.0 31							
PR 200252 91567982 PR 200252		CM 130234 PR 140020	93 67	105 67	87 69	95 36	95 48	85 53	90 22	79 47	95 14	94 0.85 68	99 0.00 62	104 12 36	105 15.3 67	87 -5.1 69	92 22 57	103 21.3 49	94 51 25	95 -34 17	89 5.1 27	103 -9.6 57	94 -2.9 32	93 10.6 54	112 8 27	102 15 27	98 0.62 15	97 -0.06 13	95 0.03 13	
PR 200254 91567990 PR 200254		BC 160639 PR 150058	115 68	79 68	102 70	126 39	93 49	98 55	80 37	89 51	75 32	120 -1.32 69	80 0.75 64	75 -22 39	79 -0.3 68	102 -0.8 70	87 11 59	82 4.9 54	87 26 34	100 -39 36	78 -1.2 39	103 -9.5 58	87 -1.5 34	96 12.3 55	94 -2 39	77 -8 37	73 -1.80 33	109 0.62 30	79 -0.87 29	
PR 200262 91568311 PR 200262		PD 150024 PR 170016	101 66	110 66	104 65	95 32	103 44	110 51			100 7	100 0.31 68	102 -0.13 61	102 10 32	110 18.1 66	104 -0.2 65	112 70 54	111 27.4 44	101 77 10		103 12.9 11	102 -8.9 54	108 -5.8 28	99 14.2 50	115 10 11	107 20 11	98 0.64 7	92 -0.38 7	96 0.09 7	
PR 200283 96840871 20 283			112 43	83 41	111 59							111 -0.56 42	99 -0.01 48		83 2.2 41	111 1.7 59							98 13.3 31							
PR 200287 91568022 PR 200287		CM 130234 PR 110049	100 68	101 68	86 70	99 28	99 48	89 53	86 22	83 47	90 14	98 0.49 69	106 -0.29 63	100 7 28	101 12.5 68	86 -5.4 70	87 12 55	98 17.6 50	89 34 25	90 -28 17	85 2.8 27	107 -12.8 57	98 -3.6 33	95 11.9 54	107 5 27	96 10 27	93 0.19 15	96 -0.12 13	93 -0.08 13	

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Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																															
PR 200301 91568063 PR 200301		AHD 140091 PR 130074	92 68	116 68	106 70	80 40	103 47	102 55			114 6	98 0.48 69	83 0.60 63	122 32 40	116 21.5 68	106 0.2 70	110 66 59		113 29.3 41	114 124 13		106 14.3 14	109 -14.7 55	109 -5.8 32	92 10.0 54	126 16 14	122 35 14	114 2.22 7	94 -0.26 6	104 0.52 6	
PR 200304 91568097 PR 200304		CM 130234 PR 160016	90 66	105 67	86 67	115 39	100 47	98 53	93 22	92 47	99 14	92 1.00 68	97 0.08 61	88 -6 39	105 15.2 67	86 -5.5 67	97 35 58		103 21.6 50	98 66 25	97 -36 17		90 5.6 27	99 -6.8 57	110 -6.0 32	93 10.4 53	115 10 27	106 19 27	101 0.91 15	106 0.45 13	101 0.36 13
PR 200307 91568121 PR 200307		CM 130234 PR 160058	105 66	93 67	82 67	112 40	92 46	86 53	81 22	78 47	81 14	103 0.11 68	104 -0.20 60	91 -4 40	93 8.2 67	82 -6.5 67	79 -7 58		92 12.8 50	82 6 25	80 -17 17		79 -0.9 27	100 -7.6 57	90 -2.1 28	95 11.4 54	98 0 27	87 1 27	85 -0.57 15	95 -0.21 13	90 -0.27 13
PR 200337 96840905 20 337			111 44	93 42	91 59							109 -0.40 42	102 -0.13 49		93 8.0 42	91 -3.9 59			91 11.9 16						103 16.9 31						
PR 210017 92486133 PR 210017		PR 180198	106 57	92 58	113 61	115 61	107 34	115 50				107 -0.22 59	95 0.16 51	87 -8 61	92 7.4 58	113 2.3 61	107 58 60		92 12.6 38				121 -24.1 45	102 -4.6 21	97 12.7 36						
PR 210028 92486182 PR 210028		CM 130234 PR 138459	103 68	100 68	73 69	104 39	85 47	75 54	82 22	69 48	84 14	101 0.27 69	104 -0.20 63	96 2 39	100 12.1 68	73 -9.0 69	77 -12 59		97 17.1 50	83 12 25	82 -20 17		80 -0.1 27	95 -3.6 56	84 -0.8 31	89 8.0 54	100 1 27	89 3 27	88 -0.38 15	95 -0.19 13	91 -0.22 13
PR 210075 96840921 21 075			107 43	84 35	110 51							108 -0.36 42	92 0.25 48		84 2.7 35	110 1.5 51								98 13.5 31							
PR 210077 93382737 PR 210077		GH 160126 PR 180003	85 64	108 65	148 63	87 46	89 43	110 52				93 0.95 66	81 0.70 56	109 18 46	108 16.9 65	148 12.0 63	141 138 58		105 23.0 39				73 13.5 55	101 -4.2 24	99 13.9 50						
PR 210083 93382687 PR 210083		GH 190711 PR 148346	101 65	116 66	104 63	68 47	98 41	94 52	111 20	92 46	116 6	100 0.38 67	103 -0.16 57	141 54 47	116 21.2 66	104 -0.2 63	101 44 59		112 28.5 47	115 126 31		105 13.7 35	81 7.4 51	110 -6.0 23	103 16.5 49	124 15 36	121 33 35	118 2.64 7	91 -0.43 6	95 0.01 6	
PR 210087 93382729 PR 210087		PB 160059 PR 180029	106 68	95 68	86 71	121 46	115 47	112 56				111 -0.54 69	83 0.62 64	81 -14 46	95 9.3 68	86 -5.4 71	89 16 62		94 14.2 47	87 25 12		97 9.1 13	127 -28.6 57	118 -7.6 31	95 11.6 54	86 -7 14	81 -5 13				
PR 210093 93389070 PR 210093		BOS 122346 PR 160089	95 70	108 70	69 73	98 51	110 54	91 59	92 22	86 52	93 14	98 0.50 71	92 0.27 67	102 9 51	108 16.8 70	69 -10.1 73	81 -3 65		103 21.0 56	93 46 34	88 -26 8		108 15.9 36	111 -16.4 60	102 -4.4 43	112 22.0 59	99 1 36	97 11 36	89 -0.27 15	112 0.83 14	95 0.01 14
PR 210096 93388965 PR 210096		BOS 122346 PR 160084	94 68	115 69	88 70	69 60	109 53	90 59	103 22	87 52	112 14	94 0.80 69	101 -0.09 64	140 52 60	115 20.5 69	88 -4.7 70	89 16 66		111 27.5 56	109 103 34	106 -45 8		121 22.8 36	89 1.0 60	115 -7.1 40	115 24.2 58	111 8 36	114 27 36	109 1.78 15	122 1.41 14	106 0.66 14

Breeding Values and Accuracies: Cows

Green: >120 High

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Orange: <80 Low

Inbreeding in red is high

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ID Number Name																														
PR 210108 93389021 PR 210108		GH 180359 PR 180012	96 63	103 64	105 64	89 41	83 41	82 51			99 6	97 0.55 65	98 0.04 56	110 19 41	103 13.9 64	105 -0.1 64	101 44 56	100 19.1 42	103 82 13		100 11.2 14	74 13.3 53	78 0.4 23	108 19.7 48	114 9 14	107 20 14	99 0.80 7	84 -0.81 6	84 -0.59 6	
PR 210111 93388957 PR 210111		GH 190711 PR 130064	101 64	103 63	96 55	84 34	78 41	73 48	101 20	70 42	97 6	103 0.06 66	91 0.30 55	117 27 34	103 13.8 63	96 -2.6 55	91 21 51	99 18.4 46	100 71 31		88 4.5 35	70 15.9 51	77 0.6 22	101 15.5 50	112 8 36	103 16 35	98 0.70 7	85 -0.74 6	87 -0.43 6	
PR 210123 93398204 PR 210123		BOS 100193 PR 140027	85 68	117 66	111 64	64 47	88 49	81 54	113 22	81 48	117 21	81 1.90 69	115 -0.65 63	147 60 47	117 22.1 66	111 1.6 64	105 53 59	113 29.2 52	119 140 36	119 -60 6		101 11.7 38	75 11.8 57	90 -2.0 34	105 17.6 57	131 20 37	126 38 37	115 2.29 22	102 0.21 20	113 1.04 19
PR 210126 93389278 PR 210126		GH 180359 PR 180206	87 62	109 63	100 63	105 52	91 42	96 52			104 6	93 0.92 64	85 0.55 55	94 0 52	109 17.6 63	100 -1.5 63	111 68 59	105 23.3 42	107 99 13		103 12.6 14	80 8.3 54	96 -3.2 24	102 15.8 48	115 10 14	109 22 14	104 1.26 7	88 -0.58 6	91 -0.21 6	
PR 210135 93388809 PR 210135		PR 190012 PR 130091	112 66	91 67	83 68	120 38	113 43	107 53				113 -0.77 68	90 0.33 61	83 -12 38	91 6.7 67	83 -6.1 68	80 -5 58	87 9.1 44	91 39 7		91 6.0 7	120 -23.1 55	117 -7.6 25	95 11.8 50	95 -2 7	89 3 7				
PR 210137 96840939 21 137			106 43	86 42	114 59							107 -0.26 42	94 0.18 47		86 4.2 42	114 2.5 59		86 7.8 16					105 18.1 24							
PR 210145 93389187 PR 210145		BOS 122346 PR 130032	71 68	121 69	107 70	68 60	99 52	86 59	110 22	85 52	118 14	79 2.05 69	82 0.66 64	140 53 60	121 24.3 69	107 0.5 70	108 60 66	116 31.2 55	116 130 34	114 -55 8		129 27.5 36	92 -1.4 59	99 -3.8 40	106 18.8 58	129 18 36	125 37 36	113 2.13 15	113 0.88 14	102 0.41 14
PR 210162 93389286 PR 210162		GH 180359 PR 180188	95 63	104 63	107 63	97 41	99 40	100 50			95 6	98 0.53 65	92 0.26 56	101 8 41	104 14.2 63	107 0.4 63	107 59 56	102 20.4 42	100 71 13		97 9.6 14	87 2.8 52	107 -5.5 23	104 17.1 46	110 7 14	103 16 14	96 0.48 7	84 -0.85 6	83 -0.67 6	
PR 210165 93389013 PR 210165		GH 190705 PR 110106	110 63	87 64	98 63	116 48	101 41	101 52			83 6	115 -0.89 65	83 0.64 55	86 -9 48	87 4.6 64	98 -1.9 63	89 15 58	84 7.0 42	88 28 13		86 3.4 14	97 -4.8 51	100 -4.1 23	106 18.2 48	97 -1 14	90 4 14	86 -0.49 7	82 -0.94 6	80 -0.84 6	
PR 210175 93388981 PR 210175		GH 180359 PR 190008	102 63	95 64	82 64	109 43	93 41	85 51			83 6	104 0.00 65	93 0.21 56	93 -1 43	95 9.3 64	82 -6.6 64	80 -5 57	92 12.8 41	88 29 13		88 4.1 14	87 2.9 53	90 -2.0 23	107 19.4 48	97 0 14	90 4 14	86 -0.52 7	81 -0.97 6	79 -0.92 6	
PR 210193 93389385 PR 210193		PR 190012 PR 160016	104 63	96 65	82 60	116 31	107 41	100 49				109 -0.39 66	84 0.59 54	87 -8 31	96 9.8 65	82 -6.6 60	83 3 52	92 13.0 44	97 61 7		95 8.4 7	127 -28.3 56	100 -4.1 21	94 10.9 47	101 2 7	96 10 7				
PR 210194 93398592 PR 210194		BOS 144062 PR 100081	97 64	104 68	99 68	90 55	100 49	94 56	88 22	88 49	94 16	95 0.74 66	106 -0.29 59	108 17 55	104 14.4 68	99 -1.6 68	98 38 64	101 20.1 51	89 34 33	81 -19 8		82 1.1 36	104 -10.6 58	88 -1.7 34	110 20.9 56	98 0 36	103 16 35	97 0.60 17	95 -0.17 16	85 -0.53 15

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 210214 93389476 PR 210214	GH 190706 PR 160002		104 60	95 61	72 60	91 34	88 40	65 48			79 6	110 -0.50 62	79 0.77 53	109 18 34	95 9.1 61	72 -9.3 60	67 -36 52		93 13.3 40	85 18 13		85 2.8 14	90 0.7 50	80 0.0 22	104 17.0 47	95 -2 14	87 1 14	83 -0.86 7	80 -1.06 6	76 -1.06 6
PR 210220 93389518 PR 210220	GH 190705 PR 140016		110 65	100 66	117 64	84 47	94 40	100 52			99 6	111 -0.55 67	95 0.16 57	115 24 47	100 12.2 66	117 3.5 64	106 56 59		97 16.9 42	101 76 13		99 10.3 14	86 3.4 51	100 -4.1 22	101 15.1 48	110 7 14	107 20 14	101 1.00 7	88 -0.60 6	93 -0.12 6
PR 210236 93390920 PR 210236	GH 190705 PR 110030		111 60	95 63	94 57	103 26	94 39	94 46			90 6	112 -0.69 63	91 0.31 51	95 2 26	95 9.4 63	94 -3.0 57	90 19 49		92 12.7 41	95 54 13		93 7.3 14	91 -0.7 52	95 -3.2 18	100 14.7 46	107 6 14	99 12 14	93 0.13 7	84 -0.85 6	83 -0.66 6
PR 210239 93390953 PR 210239	GH 190706 PR 160058		114 62	84 63	71 62	123 44	86 40	78 50			71 6	115 -0.92 64	90 0.32 54	80 -16 44	84 2.9 63	71 -9.5 62	63 -46 56		83 5.6 40	77 -10 13		79 -0.9 14	89 1.3 51	77 0.6 21	103 16.9 48	86 -7 14	78 -8 14	75 -1.57 7	79 -1.15 6	73 -1.24 6
PR 210261 93391076 PR 210261	PR 180040 PR 180155		116 63	86 65	100 61	105 64	85 39	86 54				117 -1.05 66	93 0.23 54	94 1 64	86 4.2 65	100 -1.5 61	86 8 63		85 7.5 30				85 4.1 53	83 -0.6 21	99 14.2 44					
PR 210272 93391167 PR 210272	GH 190706 PR 150034		123 61	82 62	59 61	105 47	97 40	71 50			65 6	122 -1.47 63	97 0.08 54	95 2 47	82 1.5 62	59 -13.0 61	45 -87 57		80 3.4 40	72 -30 13		74 -3.5 14	100 -7.3 51	95 -3.0 22	100 15.0 46	80 -10 14	71 -14 14	70 -2.09 7	77 -1.21 6	71 -1.37 6
PR 210293 93393585 PR 210293	GH 190705 PR 140004		100 64	94 65	124 64	100 47	87 41	98 52			98 6	105 -0.06 66	85 0.54 56	97 3 47	94 8.9 65	124 5.2 64	114 75 59		92 13.0 40	102 80 13		99 10.4 14	82 6.6 52	90 -2.0 23	99 14.2 48	114 9 14	107 20 14	99 0.74 7	84 -0.85 6	84 -0.62 6
PR 210310 93393759 PR 210310	BC 160639 PR 180151		87 66	104 67	130 67	95 51	92 47	103 55	108 37	100 51	108 32	95 0.74 68	80 0.75 61	101 9 51	104 14.2 67	130 7.0 67	126 104 62		106 24.0 52	119 139 34	128 -70 36	100 11.2 39	95 -3.8 57	87 -1.4 30	100 15.1 53	125 16 39	111 24 37	101 0.99 33	116 1.06 30	98 0.16 29
PR 210313 96840814 21 313			113 37	80 35	104 51							113 -0.70 36	96 0.10 41		80 0.7 35	104 -0.3 51			80 3.4 12					104 17.3 24						
PR 210328 93393627 PR 210328	PR 190012 PR 140029		88 65	107 66	106 64	77 52	97 41	86 53				94 0.87 67	86 0.49 58	126 37 52	107 16.0 66	106 0.4 64	100 41 61		101 20.2 43	112 116 7		109 16.3 7	90 0.4 55	107 -5.5 20	97 12.9 48	119 12 7	114 27 7			
PR 210331 93393767 PR 210331	GH 190711 PR 130098		101 64	99 65	100 61	93 46	93 41	88 51	105 20	86 45	103 6	105 -0.04 66	87 0.46 55	106 13 46	99 11.6 65	100 -1.5 61	95 30 57		95 15.3 46	105 91 31		93 7.1 35	83 5.9 52	99 -3.9 23	102 16.0 48	118 12 36	110 23 35	104 1.24 7	87 -0.68 6	90 -0.30 6
PR 210356 93397396 PR 210356	PR 190067 PR 170015		83 63	113 64	115 63	88 45	109 30	110 49				87 1.45 65	95 0.15 56	111 19 45	113 19.9 64	115 2.7 63	119 87 57		111 27.5 38	116 130 6		115 19.9 7	99 -6.7 25	118 -7.7 20	104 17.2 44	125 16 7	120 33 7			

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
PR 220005		OBS 140279		107	99	84	109	111	104			87	109	91	93	99	84	86		93	90	89	91	114	109	105	89	88	87	86	85
94747359		PR 150024		68	68	67	50	47	56			10	-0.39	0.29	-1	11.4	-6.0	9		13.9	34	-27	5.7	-18.1	-5.9	17.6	-5	2	-0.46	-0.72	-0.57
PR 220005													69	63	50	68	67	62		54	26	7	27	58	31	53	26	26	10	9	9
PR 220010		GH 180359		97	99	99	98	73	74			92	99	92	100	99	99	97		95	96		94	57	85	94	105	99	92	88	94
94590528		PR 180223		59	61	53	41	40	47			6	0.38	0.24	7	11.6	-1.6	34		15.5	58		7.6	26.0	-1.0	11.1	4	13	0.03	-0.59	-0.06
PR 220010													63	47	41	61	53	52		47	13		14	56	19	44	14	14	7	6	6
PR 220015		BOS 122346		88	108	113	88	106	104	101	100	109	92	91	110	108	113	112		103	107	107	124	101	105	108	119	116	102	110	94
94590551		PR 160077		68	68	69	57	52	58	22	51	14	1.01	0.29	19	16.6	2.2	71		21.5	98	-47	24.9	-8.6	-5.1	20.0	12	29	1.05	0.67	-0.06
PR 220015													69	64	57	68	69	65		56	34	8	36	59	40	57	36	36	15	14	14
PR 220017		BOS 122346		77	111	106	69	109	89	97	85	103	86	79	138	111	106	99		107	102	102	120	105	105	112	114	111	97	108	91
94590569		PR 170091		67	68	68	51	52	57	22	50	14	1.51	0.76	51	18.4	0.3	39		24.4	79	-42	22.4	-11.7	-5.1	22.4	10	24	0.54	0.59	-0.20
PR 220017													68	63	51	68	68	62		56	34	8	36	59	40	56	36	36	15	14	14
PR 220030		BOS 122346		101	94	73	105	102	83	83	76	83	106	82	95	94	73	71		88	83	81	104	108	97	101	94	89	79	105	84
94590585		PR 150049		67	66	67	57	52	57	22	50	14	-0.18	0.65	1	8.7	-8.9	-25		9.8	12	-18	13.5	-13.9	-3.5	15.5	-2	3	-1.17	0.37	-0.62
PR 220030													68	63	57	66	67	63		53	34	8	36	58	40	57	36	36	15	14	14
PR 220031		GH 180359		100	102	123	96	100	111			102	101	95	101	102	123	119		99	106		103	93	103	104	117	111	103	85	86
94590593		PR 180062		62	63	62	52	41	52			6	0.21	0.13	8	13.3	5.0	87		18.1	94		12.7	-1.8	-4.6	17.2	11	23	1.13	-0.77	-0.51
PR 220031													64	56	52	63	62	59		45	13		14	53	24	46	14	14	7	6	6
PR 220033		BOS 122346		78	111	116	89	88	91	102	87	110	87	79	109	111	116	118		108	109	109	125	70	93	107	122	119	103	109	94
94590601		PR 150019		67	67	68	57	51	57	22	50	14	1.43	0.76	18	18.4	2.9	84		25.1	103	-49	25.6	15.7	-2.8	19.3	14	31	1.11	0.66	-0.06
PR 220033													68	63	57	67	68	64		53	34	8	36	58	39	57	36	36	15	14	14
PR 220037		PR 190012		113	90	82	111	95	88				112	99	91	90	82	75		85	91		91	106	95	90	95	89			
94590619		PR 160057		64	64	63	47	40	52				-0.68	0.00	-3	6.1	-6.6	-18		7.3	38		5.9	-12.3	-3.0	8.5	-2	3			
PR 220037													66	57	47	64	63	58		44	7		7	53	20	48	7	7			
PR 220042		GH 180359		99	98	102	112	105	108			92	101	94	90	98	102	103		96	96		95	105	102	104	107	100	94	84	83
94590627		PR 170008		62	63	63	52	41	52			6	0.27	0.19	-4	11.2	-0.9	49		16.3	59		8.0	-11.7	-4.6	17.5	5	13	0.23	-0.84	-0.69
PR 220042													64	55	52	63	63	59		35	13		14	53	24	47	14	14	7	6	6
PR 220052		PR 190012		104	91	89	114	96	91				108	87	89	91	89	84		86	92		92	104	98	92	96	91			
94590643		PR 180134		62	64	59	38	38	49				-0.30	0.45	-5	7.1	-4.6	3		8.5	43		6.5	-10.3	-3.6	9.9	-1	4			
PR 220052													65	53	38	64	59	54		45	7		7	54	15	45	7	7			
PR 220054				107	84	109							109	91		84	109									93					
96847041				36	35	51							-0.37	0.29		2.6	1.0									10.4					
22 054													35	40		35	51									23					
PR 220061		GH 180359		107	97	95	110	88	94			86	105	102	92	97	95	95		96	92		91	83	89	101	101	94	89	82	80
94590684		PR 170072		59	60	56	30	39	46			6	-0.08	-0.13	-3	10.5	-2.7	30		15.8	42		5.8	6.0	-1.9	15.3	2	8	-0.26	-0.94	-0.85
PR 220061													62	49	30	60	56	49		44	13		14	52	19	45	14	14	7	6	6

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																															
PR 220062 94590692 PR 220062		PR 190012 PR 170027	103 64	93 64	81 63	101 50	106 40	88 52				107 -0.26 66	85 0.53 56	98 5	93 7.9 64	81 -6.7 63	75 -16 59		88 9.8 46	93 47 7		95 8.3 7	114 -18.5 53	106 -5.3 20	98 13.3 47	94 -2 7	89 3 7				
PR 220069 94590700 PR 220069		PR 190012 PR 170031	104 64	93 64	96 62	117 50	105 40	105 52				107 -0.26 66	89 0.38 56	85 -10 50	93 7.9 64	96 -2.6 62	93 26 59		89 10.4 44	95 53 7		94 7.9 7	116 -19.8 53	110 -6.0 20	90 8.8 48	99 1 7	94 8 7				
PR 220080 94590759 PR 220080		BOS 122346 PR 180084	88 69	117 70	101 69	89 51	104 53	105 58	111 22	102 51	119 14	92 1.00 71	91 0.31 64	109 18 51	117 22.1 70	101 -1.0 69	113 73 63		112 28.3 58	118 136 34	115 -55 8	128 27.2 36	110 -15.0 62	98 -3.6 41	105 17.6 56	124 15 36	123 35 36	111 1.97 15	114 0.93 14	115 1.14 14	
PR 220083 94590775 PR 220083		PR 190012 PR 180109	104 63	94 54	88 60	99 47	94 33	83 47				106 -0.17 65	91 0.31 55	99 6 47	94 8.6 54	88 -4.9 60	82 -1 54		90 11.3 36	93 45 7		93 6.8 7	97 -5.2 38	97 -3.4 15	94 10.8 46	97 0 7	91 5 7				
PR 220090 98942683 22 90			105 27	85 25	116 38							107 -0.23 26	93 0.22 30		85 3.4 25	116 3.1 38									100 14.7 16						
PR 220096 95214292 PR 220096		PB 190051 PR 190162	115 65	87 67	104 59	108 28	103 41	104 49				115 -0.92 68	93 0.23 53	93 -1 28	87 4.9 67	104 -0.2 59	91 22 51		87 8.6 42	88 27 6		97 9.3 7	111 -16.3 56	101 -4.2 18	97 12.8 48	88 -5 7	82 -3 7				
PR 220098 95214243 PR 220098		PB 190051 PR 190240	100 63	108 65	123 57	82 31	104 38	111 48				101 0.21 66	94 0.19 51	118 27 31	108 16.8 65	123 5.1 57	117 82 51		108 25.5 41	109 104 7		110 16.6 7	109 -14.2 53	102 -4.5 12	101 15.2 48	115 10 7	109 22 7				
PR 220099 95214250 PR 220099		PB 190051 PR 190154	99 65	97 67	106 59	90 31	105 41	97 49			91 8	98 0.53 68	104 -0.19 53	109 17 31	97 10.6 67	106 0.3 59	97 35 52		96 15.7 42	93 48 13	86 -24 8	96 8.8 14	120 -22.8 56	98 -3.7 18	98 13.6 48	100 2 14	94 8 13	95 0.34 8	98 0.01 7	103 0.49 6	
PR 220100 95214474 PR 220100	2	ONE 188011 PR 190150	95 62	99 64	93 55	111 36	103 43	99 49			87 10	98 0.46 65	91 0.29 50	91 -3 36	99 11.5 64	93 -3.4 55	95 30 52		98 17.8 46	90 34 17	80 -18 5	92 6.6 18	114 -18.4 56	102 -4.4 25	95 11.5 47	92 -3 18	91 5 18	92 0.07 10	96 -0.11 10	100 0.27 9	
PR 220104 95209763 PR 220104	2	BOS 122346 PR 190101	86 67	120 68	99 64	74 52	104 53	95 56	106 22	92 49	114 15	92 1.03 69	85 0.52 61	131 43 52	120 23.7 68	99 -1.8 64	104 52 61		116 31.7 58	111 113 34	108 -48 8	127 26.3 36	105 -11.2 62	101 -4.3 40	105 17.6 58	122 14 37	121 33 36	106 1.46 16	115 0.99 14	110 0.87 14	
PR 220105 95214268 PR 220105		PB 190051 PR 190224	106 62	98 65	104 50	99 21	105 35	106 44				107 -0.24 66	95 0.15 47	99 6 21	98 11.2 65	104 -0.3 50	101 44 45		98 17.8 42	96 57 7		98 10.0 7	118 -21.8 42	106 -5.2 17	92 10.0 47	99 1 7	94 8 7				
PR 220106 95214276 PR 220106		PB 190051 PR 190089	104 64	94 67	99 57	110 37	106 42	105 50			82 8	107 -0.21 68	90 0.34 52	92 -2 37	94 8.7 67	99 -1.6 57	95 30 54		93 13.7 45	86 23 17		100 11.4 18	116 -20.3 56	102 -4.5 21	100 14.7 50	91 -4 18	86 0 18	82 -0.88 8	99 0.06 7	92 -0.17 7	

Breeding Values and Accuracies: Cows

Green: >120 High
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Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 220109 95214573 PR 220109		ONE 188011 PR 190284	98 60	107 61	98 54	101 33	85 40	91 46			98 10	99 0.39 63	97 0.05 48	97 4 33	107 15.9 61	98 -1.9 54	105 54 49	107 24.3 44	99 68 17	94 -33 5	103 12.8 18	72 14.6 53	90 -2.1 21	101 15.4 46	108 6 18	104 17 17	100 0.87 10	93 -0.32 10	90 -0.30 9	
PR 220112 95209797 PR 220112		PR 180040 PR 190022	117 60	83 62	86 54	120 33	96 36	93 46			74 8	116 -1.03 63	95 0.13 48	82 -13 33	83 2.4 62	86 -5.3 54	74 -18 50	81 4.6 37	77 -11 13	79 -16 8	79 -1.1 14	104 -10.9 51	90 -2.1 13	100 14.6 44	93 -2 14	83 -3 13	76 -1.46 8	85 -0.74 7	77 -1.02 6	
PR 220114 95214326 PR 220114		PB 190051 PR 190164	102 62	104 65	129 50	91 18	101 35	115 44				103 0.06 66	95 0.15 47	105 13 18	104 14.6 65	129 6.6 50	124 98 44	104 22.2 40				107 -13.0 42	104 -4.9 17	94 10.8 45						
PR 220115 95209805 PR 220115	1	BOS 088471 PR 190131	88 66	112 69	98 65	79 51	117 54	102 56	99 26	97 50	102 22	90 1.15 68	96 0.11 60	124 35 51	112 19.0 69	98 -2.0 65	99 39 62	108 25.6 56	101 77 35	97 -36 14	107 15.2 38	117 -20.9 63	115 -7.0 41	110 21.0 59	97 0 38	105 19 37	100 0.88 23	109 0.60 21	98 0.18 21	
PR 220122 95214565 PR 220122	1	ONE 188011 PR 190095	82 62	114 64	99 56	97 34	106 43	103 48			104 10	85 1.60 65	96 0.09 50	100 8 34	114 19.9 64	99 -1.7 56	112 70 51	111 27.2 46	103 84 17	98 -37 5	110 17.0 18	106 -11.9 57	112 -6.4 23	99 13.9 48	105 4 18	105 18 18	105 1.30 10	108 0.59 9	112 1.00 9	
PR 220129 95214516 PR 220129		ONE 188011 PR 180108	91 60	102 61	112 55	81 32	99 38	90 46			97 10	94 0.81 63	92 0.27 49	120 30 32	102 13.5 61	112 1.8 55	101 46 49	102 20.8 42	98 65 16	98 -37 5	103 12.8 17	96 -4.5 52	99 -3.9 18	102 16.2 44	109 7 17	105 18 16	98 0.62 10	93 -0.32 9	86 -0.48 9	
PR 220131 95209854 PR 220131		BOS 122346 PR 190032	80 67	107 68	93 62	93 52	103 53	88 56	95 22	84 49	100 14	89 1.24 69	78 0.82 59	106 14 52	107 16.0 68	93 -3.4 62	97 35 61	101 19.8 58	98 66 34	94 -33 8	119 21.8 37	105 -11.6 63	103 -4.8 40	100 15.0 57	102 2 37	101 15 36	94 0.29 15	120 1.28 14	110 0.84 14	
PR 220132 95214524 PR 220132	1	ONE 188011 PR 190037	71 62	125 64	122 56	63 40	101 44	97 50			124 12	76 2.34 65	95 0.14 51	147 60 40	125 26.5 64	122 4.6 56	119 86 53	122 36.1 48	120 144 23	114 -54 6	126 26.1 25	94 -3.1 57	100 -4.0 28	108 20.0 48	127 17 25	129 41 24	120 2.84 12	114 0.92 11	115 1.13 11	
PR 220133 95209748 PR 220133	25	BOS 122346 PR 190063	95 66	115 66	83 56	78 48	110 55	93 54	105 24	90 48	113 16	95 0.78 68	101 -0.09 59	126 37 48	115 20.5 66	83 -6.2 56	90 18 57	108 25.1 58	109 105 38	104 -43 9	132 29.6 40	117 -20.7 64	106 -5.3 42	103 16.4 58	118 12 41	119 31 40	105 1.31 17	125 1.56 16	110 0.86 15	
PR 220136 95214359 PR 220136		PB 190051 PR 190170	113 63	93 65	108 57	98 21	101 37	103 46				113 -0.72 66	95 0.14 51	99 6 21	93 7.8 65	108 1.0 57	98 37 48	93 13.3 42	93 45 7		96 8.8 7	112 -16.9 54	96 -3.3 12	98 13.4 46	97 0 7	90 4 7				
PR 220143 95210878 PR 220143		BOS 122346 PR 190065	80 67	116 68	85 63	89 52	105 54	91 56	103 22	88 49	110 14	87 1.42 69	83 0.61 60	111 20 52	116 21.4 68	85 -5.7 63	98 38 61	110 26.7 58	109 104 34	106 -46 8	127 26.7 37	103 -9.7 63	105 -5.0 40	106 18.7 58	111 8 37	111 23 36	102 1.10 15	124 1.48 14	113 1.05 14	
PR 220145 95214433 PR 220145		PB 190051 PR 160035	112 63	87 65	120 58	95 66	99 35	101 53				110 -0.50 66	103 -0.16 53	102 9 66	87 4.3 65	120 4.3 58	100 42 63	87 9.2 37				101 -8.3 52	95 -3.0 5	103 16.7 47						

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Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 220146 95214441 PR 220146		PB 190051 PR 170029	94 61	98 62	136 54	80 65	96 34	100 51				96 0.68 64	95 0.15 49	119 29 65	98 11.0 62	136 8.8 54	116 81 60	99 18.3 36				97 -5.0 52	98 -3.6 5	97 13.0 46						
PR 220163 95210951 PR 220163		BOS 100193 PR 100106	89 64	107 63	103 58	76 39	101 47	88 50	104 22	85 44	104 21	87 1.43 66	110 -0.46 59	128 39 39	107 16.2 63	103 -0.5 58	97 35 53	105 22.7 51	107 97 36	107 -46 6	91 6.0 38	98 -6.1 57	103 -4.7 30	102 15.7 55	118 12 37	112 25 37	103 1.16 22	99 0.07 20	108 0.76 19	
PR 220167 95210985 PR 220167		PR 190083 PR 100081	92 64	98 64	115 59	83 40	99 39	91 50			90 8	101 0.29 66	76 0.88 55	116 26 40	98 11.2 64	115 2.7 59	101 45 54	96 15.9 42	90 36 17		103 12.9 18	100 -7.6 51	95 -3.0 19	105 17.9 47	107 6 18	99 13 18	88 -0.36 8	94 -0.24 7	74 -1.16 7	
PR 220168 95210993 PR 220168		BOS 088471 PR 110106	96 63	103 65	102 65	81 48	114 50	100 54	93 23	94 48	96 21	97 0.56 65	96 0.08 58	121 31 48	103 14.0 65	102 -0.8 65	95 30 59	101 19.7 52	98 64 31	100 -39 13	97 9.5 33	110 -15.7 58	114 -6.9 37	109 20.6 56	96 -1 33	100 13 32	96 0.43 22	92 -0.35 20	81 -0.77 20	
PR 220170 95211009 PR 220170		BOS 122346 PR 130044	81 66	107 66	95 65	83 52	102 51	83 55	95 22	79 48	99 14	88 1.35 68	85 0.55 61	118 28 52	107 16.2 66	95 -2.9 65	94 27 61	101 20.1 54	98 65 34	98 -37 8	117 20.6 36	100 -7.7 58	97 -3.4 37	108 19.9 57	110 7 36	106 19 36	93 0.20 15	108 0.54 14	90 -0.28 14	
PR 220180 95210811 PR 220180	1	OBS 140279 PR 190038	88 66	114 68	79 61	120 43	104 49	106 53	104 20	103 46	106 12	95 0.79 68	83 0.61 57	83 -12 43	114 20.2 68	79 -7.4 61	103 50 57	105 22.8 58	105 91 31	101 -40 8	110 17.1 33	97 -5.2 62	106 -5.3 31	107 19.2 54	102 3 32	107 20 31	102 1.09 13	104 0.35 12	107 0.68 11	
PR 220183 95210845 PR 220183	13	PR 190026 PR 190114	88 65	112 67	82 58	81 30	102 41	82 49				94 0.81 68	85 0.55 55	123 33 30	112 18.9 67	82 -6.6 58	87 12 52	107 24.7 44	107 99 9		113 18.3 9	96 -4.3 57	109 -5.9 18	101 15.1 48	109 7 10	104 17 9				
PR 220190 95211116 PR 220190	2	OBS 140279 PR 190104	105 67	105 68	78 62	117 28	108 49	108 51			94 10	111 -0.56 69	81 0.71 58	87 -8 28	105 14.8 68	78 -7.6 62	90 19 53	99 18.3 56	96 58 27	93 -31 7	98 10.0 28	108 -13.6 62	109 -5.9 31	104 17.2 53	88 -6 27	91 5 27	93 0.18 10	100 0.09 9	107 0.69 9	
PR 220195 95211165 PR 220195		PR 190026 PR 190075	93 63	109 65	83 56	96 33	104 39	93 48				101 0.24 66	77 0.84 53	102 10 33	109 17.4 65	83 -6.2 56	93 25 51	106 23.4 42	105 90 9		105 14.0 10	107 -12.6 54	102 -4.5 17	102 16.0 46	110 7 10	103 16 10				
PR 220200 95214417 PR 220200		PB 190051 PR 160084	112 63	96 64	114 52	87 27	103 36	104 46				108 -0.33 66	108 -0.37 53	111 20 27	96 9.9 64	114 2.4 52	101 43 48	96 16.0 38				97 -5.1 53	108 -5.7 7	102 16.3 47						
PR 220202 95211181 PR 220202		BOS 122346 PR 130083	88 64	101 65	110 60	81 44	98 48	87 52	99 22	83 46	105 14	95 0.79 66	84 0.57 57	120 29 44	101 12.9 65	110 1.4 60	100 41 56	96 15.8 55	103 85 34	103 -42 8	122 23.6 36	92 -1.3 51	96 -3.3 37	107 19.0 55	116 10 36	112 25 36	98 0.70 15	110 0.70 14	95 0.00 14	
PR 220220 95211272 PR 220220		PR 190024 PR 190008	115 59	79 61	86 55	118 30	100 34	90 45				119 -1.22 62	83 0.61 49	85 -10 30	79 -0.1 61	86 -5.4 55	68 -33 49	79 2.5 36	71 -35 6		82 0.7 7	109 -14.4 49	94 -2.8 13	101 15.5 40	80 -10 7	69 -16 7				

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 220239 95211439 PR 220239		PR 190026 PR 160089	107 65	101 65	70 54	103 20	99 38	86 46				108 -0.35 67	93 0.24 56	96 3 20	101 12.9 65	70 -9.8 54	76 -15 46		98 17.2 40	94 51 6		96 8.6 7	97 -5.3 53	100 -4.1 15	101 15.6 46	98 0 7	91 5 7			
PR 220241 95211454 PR 220241		PR 190026 PR 170067	101 63	97 64	86 57	113 28	99 36	95 47				106 -0.18 66	83 0.62 54	90 -5 28	97 10.2 64	86 -5.2 57	87 12 50		93 13.9 38	94 51 6		99 10.6 7	101 -8.6 51	99 -4.0 12	98 13.8 44	104 3 7	94 8 7			
PR 220275 95211645 PR 220275		PR 190012 PR 160090	107 62	92 64	85 58	119 38	100 38	97 49				109 -0.42 65	91 0.32 53	84 -11 38	92 7.5 64	85 -5.6 58	83 2 53		88 10.1 44	87 25 7		88 4.2 7	110 -15.0 53	97 -3.5 15	96 12.2 46	91 -4 7	85 -1 7			
PR 220288 95211538 PR 220288		PR 190026 PR 180123	105 64	99 65	84 59	101 28	98 36	90 47				109 -0.40 66	86 0.50 55	98 5 28	99 11.4 65	84 -5.9 59	84 5 51		96 16.0 38	97 61 6		102 12.0 7	93 -2.1 51	98 -3.7 13	105 18.1 43	107 5 7	97 11 7			
PR 220290 95211553 PR 220290		PR 190083 PR 120027	107 64	100 65	98 58	117 38	94 39	105 49		93 8		106 -0.20 67	97 0.05 54	85 -10 38	100 12.0 65	98 -2.0 58	103 50 54		97 16.9 43	96 57 17		105 14.2 18	91 -0.1 52	90 -2.0 19	105 18.1 45	105 5 18	99 12 18	92 0.02 8	96 -0.11 7	81 -0.77 7
PR 220293 95211587 PR 220293		PR 190083 PR 180206	84 61	106 60	109 46	97 30	93 38	93 44		95 8		94 0.80 64	71 1.09 50	101 8 30	106 15.5 60	109 1.0 46	111 69 45		104 21.8 42	97 60 17		108 15.8 18	93 -2.1 52	95 -3.1 18	96 12.4 43	112 8 18	104 17 18	91 -0.02 8	93 -0.30 7	75 -1.11 7
PR 220308 95211843 PR 220308		PR 190083 PR 138352	96 62	104 64	95 57	95 38	100 37	93 48		90 8		100 0.36 65	90 0.34 52	104 11 38	104 14.3 64	95 -2.9 57	96 33 53		101 20.0 44	92 42 17		104 13.6 18	103 -9.8 51	97 -3.5 17	101 15.5 44	102 3 18	95 9 18	87 -0.44 8	96 -0.11 7	78 -0.95 7
PR 220328 95211900 PR 220328		PR 190083 PR 160011	88 61	103 62	116 55	96 38	99 37	101 47		96 8		97 0.62 64	77 0.85 50	101 8 38	103 13.8 62	116 3.2 55	115 77 52		101 19.5 42	97 61 17		109 16.2 18	103 -10.0 51	98 -3.7 17	98 13.6 44	113 9 18	105 18 18	91 0.01 8	92 -0.36 7	74 -1.19 7
PR 220330 95211926 PR 220330		PR 190026 PR 170063	89 65	103 67	102 60	96 28	109 37	100 48				96 0.69 67	82 0.66 56	102 10 28	103 13.6 67	102 -0.7 60	102 47 52		99 18.0 42	104 85 6		108 15.5 7	111 -16.0 53	103 -4.7 13	108 19.9 44	111 8 7	102 16 7			
PR 220344 95212007 PR 220344		PR 190026 PR 170012	94 64	107 66	91 60	84 28	107 36	91 48				101 0.22 67	77 0.86 55	117 27 28	107 15.9 66	91 -4.0 60	91 21 51		103 21.3 39	108 100 6		107 15.2 7	103 -10.1 53	109 -5.8 13	105 17.8 43	114 10 7	108 21 7			
PR 220353 95212064 PR 220353		PR 190026 PR 128077	102 63	97 64	81 57	112 28	98 36	91 47				108 -0.34 65	80 0.73 54	91 -3 28	97 10.5 64	81 -6.8 57	83 1 50		95 14.9 38	89 32 6		95 8.1 7	99 -7.0 52	97 -3.4 12	101 15.3 44	98 0 7	88 2 7			
PR 220354 95212122 PR 220354		PR 190012 PR 180186	104 62	93 53	77 56	112 38	100 32	88 45				108 -0.32 65	86 0.50 53	91 -3 38	93 8.0 53	77 -7.8 56	75 -18 49		89 10.5 36	87 26 7		88 4.3 7	105 -11.6 36	97 -3.4 15	100 15.1 46	91 -4 7	85 -1 7			

Breeding Values and Accuracies: Cows																									Green: >120 High White: 80-120 Average Orange: <80 Low					
Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 220367 95212221 PR 220367		PR 190012 PR 130057	110 62	94 64	83 59	94 38	97 39	82 49				110 -0.52 65	94 0.17 53	105 12 38	94 8.5 64	83 -6.2 59	76 -15 54		91 11.9 44	91 40 7		91 6.1 7	104 -10.6 56	97 -3.5 15	94 11.3 46	95 -1 7	90 3 7			
PR 220384 95212304 PR 220384		PR 190026 PR 140038	99 63	100 65	85 58	87 28	104 36	85 47				104 0.01 65	84 0.58 54	113 22 28	100 12.2 65	85 -5.5 58	82 -1 50		98 17.4 38	94 49 6		99 10.3 7	109 -14.5 52	101 -4.3 12	101 15.1 44	103 3 7	93 7 7			
PR 220390 95212346 PR 220390		PR 190141 PR 130068	107 60	98 61	86 57	91 28	85 36	75 45				111 -0.61 63	83 0.63 50	108 16 28	98 10.9 61	86 -5.3 57	82 -1 49		96 16.2 36	86 23 6		96 8.6 7	74 13.1 52	90 -2.2 13	99 14.2 43	96 -1 7	88 2 7			
PR 220401 95214383 PR 220401		PR 190107 PR 150016	89 60	103 62	125 57	104 34	97 36	111 47				94 0.83 63	88 0.41 51	94 1 34	103 14.1 62	125 5.6 57	126 104 51		102 20.6 38				99 -6.9 52	99 -3.9 12	97 13.2 44					
PR 230024 95226825 PR 230024		PR 190117 PR 170075	95 57	92 56	102 40	104 14	101 34	93 38				101 0.24 60	82 0.67 47	95 1 14	92 7.6 56	102 -0.8 40	94 27 37		90 11.2 40	85 17 6		94 7.7 7	113 -17.4 49	102 -4.5 12	90 8.8 41	96 -1 7	86 0 7			
PR 230027 95226833 PR 230027		PR 190107 PR 170091	96 60	98 62	112 57	103 32	102 35	104 46				103 0.12 63	80 0.73 50	95 1 32	98 10.8 62	112 1.9 57	108 61 50		97 16.8 42				109 -14.4 52	101 -4.3 12	98 13.3 41					
PR 230034 95226866 PR 230034		PR 200070 PR 180022	109 56	90 61	103 51	121 26	96 32	105 43				110 -0.48 60	93 0.22 44	80 -15 26	90 6.1 61	103 -0.7 51	98 37 46		89 10.5 41				106 -12.2 48	90 -2.1 10	98 13.7 39					
PR 230038 95226874 PR 230038		PR 200070 PR 180052	98 59	97 63	118 54	105 13	101 32	109 42				100 0.31 62	92 0.25 47	94 0 13	97 10.6 63	118 3.7 54	114 75 43		97 17.0 41				108 -14.0 48	96 -3.3 10	101 15.4 39					
PR 230053 95226957 PR 230053		PR 200709 PR 170074	90 56	100 59	107 42	97 23	93 37	90 41			95 8	97 0.57 61	79 0.77 40	101 8 23	100 12.3 59	107 0.6 42	104 52 41		98 17.1 43	96 58 17		108 15.8 18	96 -4.3 50	90 -2.0 17	99 14.2 43	104 4 18	100 14 18	96 0.46 8	98 -0.02 7	89 -0.34 7
PR 230062 95226999 PR 230062		PR 200709 PR 110026	89 58	105 60	106 48	94 24	96 31	94 42			101 8	96 0.65 62	82 0.66 45	104 12 24	105 14.9 60	106 0.3 48	107 58 44		100 19.2 44	101 76 17		109 16.2 18	96 -4.6 33	95 -3.1 19	101 15.4 41	111 8 18	107 20 18	100 0.84 8	97 -0.06 7	86 -0.52 7
PR 230079 96859483 PR 230079		PR 200078	112 50	86 54	113 35	118 19	84 26	99 35			84 16	117 -1.06 55	82 0.66 33	83 -12 19	86 4.1 54	113 2.3 35	103 48 36		88 10.1 37	92 43 17	104 -44 18	89 4.8 19	91 -0.6 29	90 -2.1 14	84 4.7 34	103 3 19	92 5 19	78 -1.33 17	103 0.27 15	92 -0.14 15
PR 230083 96859509 PR 230083		BOS 122346 PR 200287	84 66	114 67	85 59	84 45	103 50	87 53	100 24	83 47	108 16	88 1.31 68	91 0.30 57	118 27 45	114 20.3 67	85 -5.7 59	94 27 57		107 24.5 58	104 85 36	99 -38 11	116 20.2 38	102 -9.0 54	101 -4.2 41	105 18.0 56	115 10 39	113 25 38	104 1.22 17	119 1.22 15	111 0.94 15

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																	
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
PR 230084		BOS 199424		97	110	89	95	104	99			102	96	104	104	110	89	98		108	105	106	107	97	106	107	101	103	99	105	100
96859517		PR 200057		63	66	51	24	36	45			14	0.67	-0.22	12	18.0	-4.4	38		25.5	90	-45	15.0	-4.9	-5.3	19.0	2	16	0.75	0.39	0.28
PR 230084													67	47	24	66	51	47		54	30	5	34	40	21	47	34	33	14	13	13
PR 230085		BOS 122346		81	116	104	84	101	97	106	94	114	88	85	117	116	104	111		110	113	110	126	97	101	105	116	118	108	114	112
96859525		PR 200038		65	67	58	47	50	53	22	47	14	1.33	0.56	26	21.5	-0.2	68		26.4	118	-49	25.9	-5.2	-4.3	17.8	11	30	1.63	0.94	0.97
PR 230085													67	56	47	67	58	57		56	34	8	36	53	40	56	36	36	15	14	14
PR 230086		BOS 122346		90	113	96	84	100	93	101	90	109	97	81	117	113	96	102		107	106	103	122	93	101	105	112	113	102	114	107
96859533		PR 200085		66	67	59	47	50	54	22	48	14	0.57	0.71	26	19.7	-2.4	46		24.6	95	-42	23.6	-2.2	-4.4	18.2	8	26	1.09	0.93	0.71
PR 230086													68	57	47	67	59	58		57	34	8	36	53	40	56	36	36	15	14	14
PR 230090		BC 190032		90	115	120	97	97	114	112	111	112	92	94	99	115	120	131		118	116	110	122	108	103	86	120	117	114	99	112
96916754		PR 200177		61	66	51	28	38	46	20	41	12	0.97	0.17	6	20.9	4.2	116		33.0	132	-50	23.7	-14.1	-4.8	6.1	13	30	2.19	0.04	0.99
PR 230090													65	48	28	66	51	48		54	30	7	36	45	20	48	35	33	12	12	11
PR 230091		BC 190032		92	110	119	101	94	110	105	106	105	94	95	96	110	119	127		114	110	106	119	102	99	89	117	112	105	97	108
96916770		PR 200196		61	65	48	25	35	44	20	39	12	0.83	0.13	3	18.1	3.8	106		30.1	108	-45	22.0	-9.0	-3.9	7.8	11	24	1.31	-0.06	0.72
PR 230091													65	45	25	65	48	46		54	29	7	35	44	16	46	35	33	13	12	12
PR 230092		BC 190032		98	111	112	109	98	117	105	113	103	98	100	92	111	112	124		116	108	103	116	107	101	92	109	106	104	99	112
96916762		PR 200118		62	66	51	25	36	45	20	40	12	0.48	-0.04	-2	18.6	1.9	100		31.3	103	-42	20.2	-12.6	-4.3	9.6	7	19	1.22	0.03	0.98
PR 230092													66	48	25	66	51	47		54	29	7	35	44	18	47	35	33	13	12	12
PR 230097		BOS 122346		88	106	104	87	99	92	102	89	106	96	79	112	106	104	103		102	108	107	115	102	96	102	112	108	99	129	111
98608250		PR 200037		66	58	55	46	49	51	30	47	22	0.64	0.79	21	15.5	-0.2	48		20.9	100	-47	19.6	-9.0	-3.3	16.0	8	21	0.72	1.79	0.92
PR 230097													68	57	46	58	55	53		53	38	20	41	51	40	57	41	40	23	21	20
PR 230100		BOS 122346		91	109	98	89	95	90	97	86	103	98	81	110	109	98	101		103	101	97	118	95	92	102	106	107	97	113	105
96859582		PR 200104		65	67	57	44	49	52	22	46	14	0.54	0.68	18	17.1	-2.0	45		21.0	76	-36	21.2	-3.7	-2.5	16.1	5	20	0.59	0.87	0.59
PR 230100													67	56	44	67	57	56		57	34	8	36	53	39	56	36	36	15	14	14
PR 230101		OKT 160004		92	94	119	103	94	97	88	91	87	94	93	95	94	119	110		97	94	93	93	83	106	97	100	93	87	100	89
96861307		PR 200172		65	67	55	38	42	50	33	47	17	0.79	0.22	1	8.7	3.9	66		16.8	50	-31	7.0	5.5	-5.4	12.7	2	6	-0.44	0.08	-0.33
PR 230101													68	54	38	67	55	53		58	44	19	48	50	25	52	48	47	18	16	16
PR 230107		OKT 160004		83	104	122	94	88	94	95	89	99	85	99	102	104	122	119		103	101	95	105	71	109	90	107	107	99	89	93
96861356		PR 200178		63	66	52	36	41	48	25	43	6	1.57	-0.03	10	14.3	4.8	88		21.4	75	-34	13.8	15.2	-6.0	8.3	5	20	0.71	-0.54	-0.09
PR 230107													67	51	36	66	52	51		55	41	7	44	49	23	51	44	43	6	6	5
PR 230115	1	BOS 199424		90	117	85	89	111	101	110	98	114	89	105	111	117	85	99		112	115	112	122	98	111	117	112	115	109	119	110
96859657		PR 200041		63	66	52	35	38	48	22	43	16	1.21	-0.24	20	21.8	-5.6	40		28.5	125	-53	23.9	-5.9	-6.2	25.2	8	27	1.70	1.23	0.87
PR 230115													67	48	35	66	52	51		57	34	6	38	42	25	48	39	37	16	15	14
PR 230116	4	BC 190032		95	105	121	102	100	114	100	108	97	98	92	95	105	121	124		112	106	107	109	111	97	94	109	100	97	108	104
96916713		PR 200054		62	66	53	32	38	47	28	43	20	0.49	0.25	2	15.1	4.5	99		28.4	94	-46	16.3	-16.3	-3.6	11.3	7	13	0.55	0.59	0.51
PR 230116													66	49	32	66	53	50		56	33	19	40	46	21	48	40	38	21	19	18

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
PR 230121		BOS 122346	81	111	86	86	103	84	95	80	100	86	88	115	111	86	93	106	97	91	110	106	101	101	107	105	97	118	108
96858915		PR 210032	65	67	58	48	50	53	24	47	16	1.48	0.41	24	18.4	-5.2	25	23.7	61	-30	17.0	-12.4	-4.4	15.6	6	18	0.55	1.13	0.77
PR 230121												68	56	48	67	58	58	58	36	11	38	54	40	56	39	38	17	15	15
PR 230124		OKT 160004	92	91	118	112	93	99	89	93	86	93	99	89	91	118	109	94	93	90	91	84	105	95	96	90	87	102	93
96861273		PR 200200	65	67	54	38	42	50	33	47	17	0.92	-0.03	-6	7.1	3.6	64	14.4	48	-28	6.0	5.1	-5.0	11.9	-1	4	-0.43	0.21	-0.12
PR 230124												68	54	38	67	54	53	58	44	19	48	50	24	52	48	47	18	16	16
PR 230128		CR 160021	105	102	95	114	100	107	87	99	87	104	99	89	102	95	101	101	89		117	113	95	95	87	89	89	93	
96858923		PR 210071	64	67	56	38	43	50	23	45	6	-0.03	-0.02	-6	13.0	-2.9	44	20.0	33		21.0	-17.6	-3.1	12.0	-6	3	-0.26	-0.28	
PR 230128												67	53	38	67	56	54	54	43		45	50	27	51	45	44	6	5	
PR 230132		BC 190032	89	104	129	103	96	112	99	107	97	92	93	94	104	129	130	108	103	103	115	103	98	93	112	105	98	91	90
96917539		PR 200289	57	61	47	23	31	41	20	37	12	1.02	0.21	1	14.4	6.8	113	25.1	84	-42	19.4	-9.7	-3.6	10.7	9	18	0.66	-0.43	-0.28
PR 230132												61	43	23	61	47	44	50	29	7	35	35	14	43	35	33	12	11	11
PR 230133		BC 190032	89	108	105	109	96	106	100	101	99	91	99	92	108	105	116	111	102	96	109	107	97	90	110	104	102	101	109
96917554		PR 200325	62	66	51	28	38	46	24	42	14	1.10	0.00	-2	17.0	0.0	79	27.7	80	-35	16.0	-13.3	-3.4	8.9	7	17	1.09	0.17	0.80
PR 230133												66	48	28	66	51	48	54	31	11	37	46	19	48	37	35	14	13	13
PR 230134		BC 190032	101	104	113	116	101	120	98	114	92	104	91	85	104	113	122	110	98	90	107	119	97	91	100	96	96	95	105
96917513		PR 200310	62	66	52	28	38	46	20	41	12	0.04	0.28	-10	14.7	2.3	95	27.1	66	-28	15.0	-22.2	-3.4	9.4	1	10	0.47	-0.18	0.56
PR 230134												66	48	28	66	52	49	54	30	7	36	45	20	48	35	33	12	12	11
PR 230136		BOS 122346	81	109	107	85	107	96	100	92	106	93	69	115	109	107	107	106	107	108	116	107	101	108	112	108	99	128	109
96858964		PR 200235	66	68	60	49	50	54	30	49	22	0.95	1.15	25	17.1	0.7	57	23.8	99	-48	20.3	-13.0	-4.3	20.0	8	21	0.73	1.74	0.79
PR 230136												68	58	49	68	60	59	59	38	20	41	54	41	56	41	40	23	21	20
PR 230145		PB 190051	107	95	116	95	101	104				107	99	102	95	116	105	96				104	97	102					
96859012		PR 210137	58	61	46	34	26	42				-0.21	-0.02	9	9.2	3.0	54	15.6				-10.9	-3.6	15.9					
PR 230145												62	43	34	61	46	47	36				32	5	40					
PR 230155		PB 190051	104	97	119	101	95	105				105	94	97	97	119	113	96				104	94	92					
96859061		PR 200059	60	64	45	18	33	42				-0.08	0.19	3	10.2	4.0	72	16.0				-10.7	-2.9	10.1					
PR 230155												65	43	18	64	45	42	40				42	13	45					
PR 230158	1	BOS 088471	83	113	105	84	107	100	103	97	108	85	100	116	113	105	109	109	107	105	112	103	111	103	103	112	105	108	99
96859095		PR 190028	64	67	60	42	51	53	26	48	22	1.61	-0.04	25	19.8	0.1	64	26.1	99	-45	18.1	-9.6	-6.3	16.8	3	24	1.34	0.58	0.23
PR 230158												66	55	42	67	60	56	58	35	14	38	54	42	58	38	37	23	21	21
PR 230159		BOS 122346	94	109	99	86	101	95	101	91	109	99	84	114	109	99	101	103	106	103	122	93	106	103	112	113	102	114	107
96859103		PR 190068	66	67	59	44	50	53	22	47	14	0.39	0.58	23	17.4	-1.7	45	21.1	95	-42	23.6	-1.8	-5.3	16.9	8	26	1.07	0.93	0.71
PR 230159												68	57	44	67	59	57	56	34	8	36	53	40	56	36	36	15	14	14
PR 230163		BOS 199424	100	107	81	96	116	103			103	98	106	103	107	81	90	104	107	105	107	109	118	111	102	103	102	106	102
96859129		PR 210135	63	66	52	30	36	46			14	0.51	-0.28	10	16.3	-6.7	17	22.5	97	-45	15.0	-14.3	-7.6	21.8	3	16	1.04	0.47	0.41
PR 230163												67	48	30	66	52	49	54	30	5	34	40	22	46	34	33	14	13	13

Breeding Values and Accuracies: Cows

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Orange: <80 Low

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
PR 230165	1	BOS 122346 96859145 PR 200175	92 66	110 67	94 58	88 45	100 50	92 53	103 22	89 47	108 15	97 0.55 68	84 0.58 57	112 21 45	110 17.9 67	94 -3.1 58	99 40 57	104 21.9 58	106 93 34	100 -39 8	121 23.1 37	101 -8.6 54	98 -3.6 40	103 16.6 56	109 7 37	110 23 36	104 1.20 16	115 0.98 14	111 0.94 14
PR 230166		OKT 160004 96861547 PR 150106	116 63	84 64	99 54	107 36	89 38	88 48	77 25	80 43	73 6	113 -0.72 65	106 -0.28 54	93 0 36	84 2.8 64	99 -1.6 54	83 2 51	85 7.5 52	78 -8 41	72 -9 7	87 3.6 44	78 9.7 43	105 -5.0 20	91 9.5 50	89 -5 44	82 -4 43	76 -1.52 6	79 -1.09 6	70 -1.41 5
PR 230167		OKT 160004 96861554 PR 230167	109 64	86 66	110 53	111 38	92 42	97 49	84 33	90 46	81 17	109 -0.44 67	95 0.13 53	91 -4 38	86 4.0 66	110 1.5 53	96 32 52	89 10.4 57	88 30 44	86 -24 19	88 4.2 48	85 4.2 50	106 -5.4 24	91 9.4 52	94 -2 48	86 0 47	82 -0.94 18	99 0.02 16	87 -0.45 16
PR 230172		PR 200201 96859798 PR 200188	98 58	98 62	88 44	102 22	93 30	85 41			81 8	97 0.56 63	103 -0.18 42	97 4 22	98 11.1 62	88 -4.7 44	88 13 43	95 15.3 40	83 10 13	81 -18 8	85 2.3 14	97 -5.1 34	93 -2.7 16	95 11.8 41	94 -2 14	86 0 13	84 -0.72 8	93 -0.28 7	91 -0.23 6
PR 230179		BC 190032 96917448 PR 230179	103 61	105 65	119 54	102 26	93 34	110 45	96 20	105 40	93 12	103 0.11 64	98 0.02 49	96 2 26	105 15.0 65	119 4.0 54	122 94 48	109 26.3 52	100 72 29	99 -38 7	112 17.9 35	97 -5.3 40	97 -3.4 15	91 9.3 46	109 6 35	101 15 33	95 0.35 12	90 -0.47 11	89 -0.35 11
PR 230185		BC 190032 96917463 PR 190170	97 60	109 65	110 52	104 28	100 36	113 45	107 20	109 40	102 12	100 0.37 64	93 0.21 48	95 1 28	109 17.4 65	110 1.4 52	119 88 48	113 29.2 54	108 101 30	101 -40 7	115 19.9 36	111 -16.0 42	99 -3.8 18	93 10.7 47	112 8 35	107 20 33	107 1.57 12	92 -0.35 12	97 0.12 11
PR 230186		BOS 122346 96859848 PR 138352	91 64	110 65	82 59	87 44	100 46	84 52	96 22	80 46	98 14	94 0.83 66	93 0.22 56	114 23 44	110 17.7 65	82 -6.5 59	88 15 56	104 21.8 55	97 60 34	93 -32 8	115 19.9 36	99 -6.8 47	98 -3.7 37	104 17.4 55	103 3 36	101 14 36	93 0.13 15	112 0.83 14	96 0.06 14
PR 230189		OKT 160004 96861588 PR 190160	90 63	99 65	108 55	98 37	98 40	94 49	92 28	88 45	91 10	87 1.38 66	109 -0.43 53	100 7 37	99 11.4 65	108 0.8 55	104 51 52	99 18.2 56	92 43 43	83 -20 11	93 7.4 46	85 4.5 46	112 -6.5 23	97 13.2 52	100 1 46	96 10 45	95 0.40 10	92 -0.36 9	89 -0.32 8
PR 230190	1	BOS 199424 96859863 PR 190051	84 64	123 67	87 54	78 30	115 39	101 48	113 22	99 43	120 16	84 1.68 68	105 -0.24 50	126 37 30	123 25.6 67	87 -5.1 54	101 44 50	120 34.4 56	120 146 34	120 -61 6	128 27.1 38	99 -6.3 41	118 -7.6 27	118 25.9 49	121 14 39	123 35 37	114 2.18 16	118 1.17 15	108 0.72 14
PR 230191	1	BOS 088471 96859871 PR 190089	91 63	115 67	88 58	91 43	111 51	102 52	99 26	97 47	102 22	92 1.01 66	98 0.02 54	109 17 43	115 21.1 67	88 -4.9 58	101 43 56	112 28.5 57	101 77 35	98 -37 14	107 15.2 38	106 -12.2 55	115 -7.1 41	105 17.9 58	96 -1 38	104 18 37	100 0.80 23	107 0.51 21	96 0.10 21
PR 230194		CR 160021 96859897 PR 230194	88 64	119 67	98 55	90 40	103 46	104 51	103 26	100 46	107 10	91 1.05 67	92 0.25 54	108 17 40	119 23.3 67	98 -2.1 55	113 72 54	116 31.4 58	105 92 47		135 30.8 49	112 -16.6 53	98 -3.6 32	101 15.5 54	102 3 49	110 23 48	107 1.54 10	105 0.42 9	113 1.02 8
PR 230197		BOS 122346 96859699 PR 190137	86 66	115 68	101 60	85 45	103 51	99 54	104 22	95 48	113 14	94 0.81 68	78 0.82 58	115 24 45	115 21.0 68	101 -1.1 60	108 62 58	109 26.1 57	110 109 34	107 -47 8	125 25.5 36	98 -5.7 54	105 -5.1 41	105 17.8 57	116 11 36	118 30 36	106 1.42 15	115 0.97 14	109 0.79 14

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high				Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																						
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
PR 230199		BOS 122346		92	113	87	87	101	90	97	86	103	96	90	114	113	87	95	108	101	98	119	100	100	104	110	108	98	111	98
96859715		PR 180048		63	64	58	43	46	51	22	45	14	0.70	0.36	23	19.4	-5.0	31	25.4	76	-37	21.8	-7.8	-4.1	17.4	7	21	0.69	0.76	0.19
PR 230199													65	56	43	64	58	55	54	34	8	36	46	37	54	36	36	15	14	14
PR 230203		OKT 160004		91	94	112	94	97	91	84	84	86	94	94	103	94	112	101	95	89	85	96	81	115	97	100	95	87	83	76
96861513		PR 110106		62	65	56	38	39	49	25	44	6	0.87	0.18	11	8.8	2.0	44	15.0	31	-23	8.8	7.6	-7.1	12.8	1	8	-0.43	-0.89	-1.05
PR 230203													65	53	38	65	56	53	54	41	7	44	45	21	50	44	43	6	6	5
PR 230215		BOS 122346		90	108	99	89	104	96	98	91	103	97	82	111	108	99	101	102	101	95	119	104	101	106	104	107	98	115	107
96859921		PR 190157		65	67	58	44	50	53	22	47	14	0.59	0.67	19	16.6	-1.6	45	20.9	74	-34	21.8	-10.3	-4.3	18.3	4	20	0.61	1.00	0.69
PR 230215													67	56	44	67	58	56	56	34	8	36	53	40	56	36	36	15	14	14
PR 230216	1	BOS 122346		90	113	88	85	105	92	106	90	109	96	83	116	113	88	95	105	107	96	117	101	104	108	108	112	106	114	118
96859939		GH 190709		67	68	60	46	51	54	24	48	16	0.67	0.60	25	19.5	-4.8	31	22.7	97	-35	21.0	-8.5	-4.9	19.7	6	25	1.46	0.94	1.31
PR 230216													69	59	46	68	60	58	59	36	9	39	53	41	58	39	38	17	15	15
PR 230220	1	BOS 122346		83	104	83	92	101	80	90	75	91	87	93	107	104	83	85	97	90	83	116	109	98	99	99	95	86	110	98
96859954		PR 190173		65	66	57	45	50	53	24	47	15	1.43	0.22	16	14.2	-6.1	8	16.9	35	-21	20.2	-14.7	-3.6	14.3	1	8	-0.56	0.72	0.18
PR 230220													67	56	45	66	57	56	57	38	8	40	53	40	56	41	40	16	14	14
PR 230226		OKT 160004		105	83	102	113	90	87	77	79	74	104	101	89	83	102	86	84	79	73	88	77	103	95	90	83	77	80	70
96861661		PR 160058		63	65	56	37	38	48	25	43	6	0.04	-0.10	-5	2.5	-0.8	10	6.7	-5	-10	4.1	10.4	-4.7	11.5	-5	-3	-1.43	-1.08	-1.39
PR 230226													66	54	37	65	56	53	54	41	7	44	44	20	51	44	43	6	6	5
PR 230240		BOS 122346		90	103	96	89	96	85	94	80	98	96	86	110	103	96	94	98	98	97	116	97	95	100	109	106	93	107	90
98607948		PR 170067		63	53	56	44	45	48	22	43	14	0.68	0.52	19	13.8	-2.4	28	17.5	63	-36	20.2	-4.9	-3.1	15.0	7	19	0.14	0.54	-0.30
PR 230240													65	55	44	53	56	51	48	34	8	36	47	37	51	36	36	15	14	14
PR 230242		OKT 160004		89	99	118	94	93	94	87	87	88	90	99	103	99	118	111	100	92	89	98	74	115	94	104	98	89	82	75
96861679		PR 180188		62	64	54	36	37	47	25	43	6	1.13	-0.01	10	11.5	3.6	67	19.2	41	-27	10.2	13.0	-7.0	11.2	4	12	-0.28	-0.93	-1.10
PR 230242													65	53	36	64	54	51	53	41	7	44	42	20	49	44	43	6	6	5
PR 230244		BOS 122346		81	114	106	80	94	88	103	85	111	89	80	122	114	106	107	109	109	110	126	87	94	105	123	120	104	110	94
96859970		PR 140004		65	66	61	45	47	53	22	47	14	1.24	0.75	32	20.0	0.2	59	25.9	106	-50	26.0	3.0	-2.9	18.0	15	32	1.24	0.67	-0.02
PR 230244													67	59	45	66	61	57	54	34	8	36	48	38	56	36	36	15	14	14
PR 230246		OKT 160004		99	92	112	101	90	91	85	84	84	97	104	97	92	112	101	93	87	81	93	69	110	96	96	93	87	85	81
96861687		PR 160066		63	66	56	35	38	48	25	43	6	0.56	-0.23	3	7.4	2.0	45	13.6	25	-18	6.8	16.8	-6.2	12.2	-1	6	-0.47	-0.76	-0.78
PR 230246													66	54	35	66	56	52	54	41	7	44	43	20	51	44	43	6	6	5
PR 230249		BOS 122346		84	109	97	89	103	92	97	87	102	93	76	111	109	97	100	105	101	100	118	101	100	107	113	110	96	111	92
96859996		PR 160016		64	66	60	44	48	52	22	46	14	0.88	0.88	19	17.3	-2.4	43	23.0	76	-40	21.5	-8.6	-4.1	19.0	9	22	0.42	0.73	-0.14
PR 230249													66	58	44	66	60	57	55	34	8	36	50	38	55	36	36	15	14	14
PR 230250		BC 190032		101	97	111	116	95	108	90	101	85	103	92	85	97	111	112	101	91	89	104	108	95	89	99	91	87	88	85
96917489		PR 170078		60	64	53	23	32	44	20	39	12	0.08	0.24	-10	10.2	1.8	70	20.1	41	-27	13.7	-14.1	-3.2	8.0	1	5	-0.41	-0.56	-0.54
PR 230250													63	48	23	64	53	47	51	29	7	35	37	14	46	35	33	12	11	11

Breeding Values and Accuracies: Cows

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Inbreeding in red is high				Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																		
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
PR 230251		BOS 122346		87	106	93	86	95	81	95	77	100	94	80	115	106	93	93	101	99	99	117	95	96	100	111	107	94	108	90
96860002		PR 160076		63	64	58	44	46	51	22	45	14	0.81	0.73	24	15.7	-3.3	26	19.6	67	-38	20.8	-3.3	-3.3	14.5	8	20	0.26	0.55	-0.27
PR 230251													65	55	44	64	58	55	54	34	8	36	47	37	55	36	36	15	14	14
PR 230256	2	BOS 122346		87	119	93	80	99	91	105	89	112	92	88	123	119	93	103	115	110	107	125	97	99	103	120	118	105	115	109
96858204		PR 190101		66	67	59	45	50	53	22	47	15	1.01	0.43	33	23.2	-3.5	48	30.3	107	-46	25.5	-5.3	-3.8	16.7	13	31	1.30	0.97	0.83
PR 230256													68	58	45	67	59	57	58	34	8	36	54	40	56	37	36	16	14	14
PR 230257	1	BOS 122346		86	112	86	88	105	91	102	87	106	93	81	112	112	86	95	106	104	98	118	108	105	101	110	110	102	114	109
96858212		PR 190224		66	67	59	45	51	53	22	47	15	0.89	0.72	21	19.2	-5.2	30	23.9	87	-36	21.3	-13.9	-5.1	15.1	7	23	1.03	0.93	0.81
PR 230257													68	57	45	67	59	57	58	34	8	37	54	41	57	37	36	16	14	14
PR 230261		OKT 160004		94	94	105	100	98	92	88	85	88	95	98	98	94	105	97	92	91	85	100	88	120	88	95	93	89	95	95
96861471		PR 190283		64	67	54	37	43	50	26	45	6	0.77	0.03	4	8.6	0.0	35	13.1	40	-22	11.2	2.0	-8.1	7.5	-1	6	-0.19	-0.20	0.02
PR 230261													67	54	37	67	54	53	56	41	7	44	50	25	53	44	44	6	6	6
PR 230263		BOS 100193		88	121	90	75	96	87	118	88	117	87	109	131	121	90	100	116	120	110	95	85	103	103	122	123	119	108	136
96858220		GH 190701		65	68	59	41	47	52	24	46	22	1.45	-0.39	42	24.4	-4.2	41	31.6	143	-50	8.3	4.6	-4.6	16.6	14	35	2.67	0.55	2.34
PR 230263													68	56	41	68	59	56	57	39	8	41	50	35	56	40	39	23	21	20
PR 230269		BOS 122346		85	113	103	79	94	87	99	83	106	89	90	123	113	103	103	108	105	105	122	88	93	107	117	114	99	109	92
96858238		PR 140027		65	66	61	44	47	53	22	47	14	1.23	0.34	34	19.4	-0.7	50	25.1	89	-45	23.6	2.1	-2.6	19.0	11	27	0.78	0.62	-0.14
PR 230269													67	59	44	66	61	57	55	34	8	36	47	37	56	36	36	15	14	14
PR 230281		PR 200201		103	89	97	122	95	97	80	88	78	105	92	80	89	97	92	88	84	87	78	105	91	95	93	81	80	104	90
96858303		PR 200254		59	62	46	24	33	42	22	38	17	-0.08	0.26	-16	5.5	-2.2	23	10.0	12	-25	-1.6	-11.4	-2.2	11.5	-2	-5	-1.07	0.32	-0.26
PR 230281													63	44	24	62	46	44	44	21	20	24	36	20	43	24	23	18	16	16
PR 230282		PR 210109		101	101	86	100	101	92			92	99	105	99	101	86	88	97	93	86	86	101	104	98	103	97	94	108	111
96858311		PR 200307		61	65	46	29	34	44			12	0.39	-0.26	6	12.7	-5.2	15	17.1	45	-23	3.3	-8.0	-4.9	13.7	3	10	0.27	0.58	0.90
PR 230282													66	45	29	65	46	47	44	22	9	23	36	21	44	23	23	13	12	12
PR 230302		BOS 122346		89	111	93	90	102	93	95	88	101	95	82	110	111	93	100	105	98	94	117	102	97	107	107	107	98	112	102
96858378		PR 160047		65	67	61	43	47	53	22	47	14	0.71	0.67	18	18.6	-3.5	42	23.1	66	-32	20.6	-9.3	-3.5	19.0	6	20	0.63	0.80	0.40
PR 230302													67	58	43	67	61	57	55	34	8	36	47	38	56	36	36	15	14	14
PR 230317		OBS 140279		111	96	77	119	109	105			82	113	90	84	96	77	80	91	85	83	87	110	107	106	84	83	82	85	83
96858568		PR 160052		64	66	59	26	41	48			10	-0.74	0.33	-11	9.8	-7.9	-5	12.1	17	-21	3.5	-15.6	-5.5	18.5	-8	-3	-0.88	-0.77	-0.67
PR 230317													66	55	26	66	59	50	54	26	7	27	45	27	51	26	26	10	9	9
PR 230318		BOS 199424		100	109	97	83	107	100			102	97	111	118	109	97	98	110	106	110	110	95	109	113	108	106	100	101	86
96858782		PR 148346		61	65	54	25	31	45			14	0.62	-0.47	28	17.6	-2.2	38	26.8	93	-50	16.8	-3.4	-5.8	22.9	6	19	0.84	0.15	-0.49
PR 230318													65	48	25	65	54	48	52	30	5	34	31	17	45	34	33	14	13	13
PR 230325	2	OBS 140279		108	101	67	122	107	102			87	110	90	82	101	67	78	95	90	82	87	117	104	98	82	85	90	91	102
96858550		GH 190721		64	67	56	29	45	49			10	-0.53	0.36	-14	12.8	-10.7	-9	15.1	35	-19	3.7	-20.4	-4.9	13.7	-9	-1	-0.17	-0.41	0.39
PR 230325													67	53	29	67	56	51	56	27	7	28	51	31	52	27	27	11	10	10

Breeding Values and Accuracies: Cows

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Inbreeding in red is high				Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																					
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
PR 230328 96858576 PR 230328		PR 200708 PR 150016	96 56	105 59	104 45	93 23	96 30	95 40			92 8	100 0.35	88 0.42	105 13	105 14.9	104 -0.4	104 52	105 22.9	93 48		107 15.1	95 -3.2	94 -2.9	104 17.0	108 6	100 13	88 -0.32	92 -0.38	73 -1.22
PR 230335 96858584 PR 230335		PR 200710 GH 190710	107 59	104 63	85 46	103 19	97 32	95 42			92 6	108 -0.33	93 0.21	96 3	104 14.2	85 -5.6	91 21	101 19.8	96 58		96 9.0	99 -6.5	99 -3.9	97 13.0	103 3	96 10	93 0.18	95 -0.20	100 0.32
PR 230338 96861240 PR 230338		OKT 160004 PR 190151	93 65	97 67	111 55	100 37	94 43	93 50	92 26	88 45	90 6	93 0.91	101 -0.08	98 4	97 10.4	111 1.5	105 54	97 16.7	94 49	84 -22	96 9.1	88 1.6	110 -6.1	88 7.1	99 1	97 11	93 0.20	88 -0.60	93 -0.10
PR 230368 96861794 PR 230368		OKT 160004 PR 160065	89 63	99 64	128 55	90 35	91 38	95 48	95 25	90 43	97 6	89 1.22	101 -0.11	107 16	99 11.4	128 6.4	116 80	97 17.0	99 70	96 -35	102 12.2	73 13.4	108 -5.6	96 12.5	109 7	106 19	98 0.62	87 -0.64	86 -0.49
PR 230383 96861828 PR 230383		OKT 160004 PR 170002	96 61	91 63	113 53	101 35	90 37	89 47	86 25	83 43	85 6	96 0.71	101 -0.11	96 3	91 7.0	113 2.2	101 45	90 11.2	88 30	83 -21	94 7.7	73 13.6	107 -5.5	95 11.7	95 -2	91 5	87 -0.38	82 -0.96	79 -0.87
PR 230391 96858642 PR 230391		PR 200708 PR 110042	102 56	98 59	87 45	97 21	95 29	85 40			82 8	105 -0.10	89 0.40	101 9	98 11.2	87 -5.2	85 7	98 17.2	83 12		97 9.7	101 -8.2	93 -2.7	97 13.0	98 0	89 3	79 -1.18	90 -0.50	69 -1.49
PR 230392 96858659 PR 230392		PR 200092 PR 200315	102 56	100 60	99 42	94 19	89 31	87 39			96 16	104 -0.03	93 0.23	104 12	100 12.0	99 -1.7	95 31	99 17.9	101 77	107 -47	98 9.9	89 1.0	90 -2.1	96 12.2	107 6	98 12	94 0.22	104 0.36	94 -0.05
PR 230394 96858675 PR 230394		PR 200092 PR 200047	94 52	107 56	106 38	84 11	90 21	88 34				97 0.59	93 0.23	116 25	107 16.2	106 0.2	103 50	104 21.9			83 6.0	96 -3.3	98 13.5						
PR 230398 96858691 PR 230398		PR 200201 PR 170121	102 57	94 60	105 47	103 14	92 24	93 39			85 8	101 0.26	101 -0.10	95 2	94 8.8	105 -0.1	98 38	91 12.3	87 25	90 -28	88 4.5	98 -5.6	94 -2.8	93 10.7	104 4	93 7	87 -0.40	87 -0.64	79 -0.90
PR 230408 96858741 PR 230408	2	PR 210109 PR 190080	83 63	122 66	106 49	77 29	112 37	107 46			128 12	83 1.72	105 -0.26	126 37	122 24.9	106 0.3	114 74	116 31.0	126 168	118 -58	123 24.2	101 -8.1	120 -8.0	106 18.7	130 19	132 44	123 3.07	123 1.46	127 1.85
PR 230411 96858725 PR 230411		PR 210233	102 49	98 53	109 32	104 11	94 22	100 32				104 -0.01	91 0.31	95 1	98 10.7	109 1.1	106 55	96 15.7			104 -10.7	104 -4.9	81 3.3						
PR 230413 96858808 PR 230413		PR 200710 PR 190154	98 59	102 62	86 46	99 19	95 31	85 41			95 8	98 0.50	99 -0.01	100 7	102 13.1	86 -5.4	88 14	97 17.0	94 52	91 -29	97 9.3	99 -6.9	94 -3.0	96 12.1	106 5	99 13	95 0.40	100 0.12	99 0.25

Breeding Values and Accuracies: Cows

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Inbreeding in red is high				Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																							
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
PR 230424		PR 200708		92	98	119	93	97	98			94	98	83	104	98	119	110		96	96		108	95	96	104	111	103	91	91	75
96859574		PR 130042		56	59	45	26	30	41			8	0.52	0.61	12	11.1	3.8	66		16.3	59		15.8	-3.2	-3.4	17.2	8	16	-0.05	-0.40	-1.10
PR 230424													60	43	26	59	45	43		40	17		18	28	19	43	18	18	8	7	7
PR 230425		PR 210109		96	105	95	93	98	92			97	94	104	106	105	95	98		100	98		96	94	105	97	110	104	93	104	106
96859566		PR 180174		61	64	48	20	31	42			10	0.81	-0.23	14	15.1	-2.7	36		19.3	66		8.7	-2.4	-5.0	13.0	7	17	0.20	0.34	0.63
PR 230425													65	45	20	64	48	44		40	18		19	32	19	42	19	18	11	10	10
PR 230433		PR 210109		99	99	95	92	101	90			94	101	94	107	99	95	91		95	96		95	95	105	102	109	101	93	99	93
96859319		PR 180186		59	61	44	21	26	40			10	0.28	0.18	15	11.8	-2.9	20		15.0	58		8.1	-3.6	-5.1	15.9	7	14	0.16	0.02	-0.10
PR 230433													63	44	21	61	44	42		38	18		19	22	15	41	19	18	11	10	10
PR 230435		PR 200710		98	104	77	104	89	82			89	99	97	96	104	77	85		101	90	89	91	91	92	94	102	93	90	97	92
96859350		PR 190210		58	62	45	18	31	41			8	0.40	0.07	2	14.2	-7.9	6		20.0	35	-27	6.2	-0.2	-2.5	11.0	3	7	-0.16	-0.08	-0.15
PR 230435													62	42	18	62	45	42		38	13	8	14	33	18	42	14	13	8	7	6
PR 230443		PR 210109		92	110	93	91	103	96			105	96	91	108	110	93	100		105	106		105	97	113	97	112	108	103	113	117
96859384		PR 190104		61	65	47	23	35	44			10	0.68	0.29	16	18.1	-3.4	42		22.9	95		14.1	-4.9	-6.6	13.0	8	21	1.18	0.88	1.26
PR 230443													65	45	23	65	47	45		44	19		20	37	22	45	20	20	11	10	10
PR 230445	13	PR 200708		90	102	92	91	95	81			92	96	84	108	102	92	90		98	92	91	111	92	95	102	103	99	88	106	87
96859400		PR 190105		58	61	44	31	37	43			10	0.67	0.57	16	13.0	-3.6	19		17.1	43	-29	17.6	-1.1	-3.1	15.8	3	13	-0.37	0.47	-0.42
PR 230445													62	43	31	61	44	45		45	24	5	25	38	26	46	26	25	11	10	10
PR 230454		PR 200708		95	97	85	109	88	81			76	101	82	93	97	85	85		96	79		93	93	87	95	91	84	73	93	79
96859426		PR 180211		56	59	41	22	31	40			8	0.27	0.66	-1	10.4	-5.7	7		15.9	-6		7.0	-2.1	-1.5	11.6	-4	-2	-1.83	-0.29	-0.91
PR 230454													60	40	22	59	41	41		39	17		18	33	19	42	18	18	8	7	7
PR 230460		PR 200708		100	100	102	97	97	95			89	105	83	101	100	102	99		99	91		104	100	94	101	106	98	86	93	74
96859434		PR 100102		56	59	46	23	29	40			8	-0.09	0.63	8	11.9	-1.0	39		18.1	39		13.7	-7.2	-2.8	15.6	5	11	-0.52	-0.30	-1.17
PR 230460													60	42	23	59	46	43		38	17		18	28	17	43	18	18	8	7	7
PR 240007		PR 210109		101	102	111	93	101	103			100	99	105	105	102	111	107		98	102		100	96	109	97	114	108	99	100	96
96864871		PR 160077		60	62	48	23	28	42			10	0.43	-0.24	12	13.3	1.6	59		17.7	80		11.0	-4.7	-5.9	13.1	10	21	0.72	0.11	0.05
PR 240007													64	47	23	62	48	44		34	18		19	27	16	41	19	18	11	10	10
PR 240015		PR 210109		99	103	102	87	104	97			97	100	96	113	103	102	97		99	99		97	100	109	102	112	104	95	99	94
96864905		PR 170091		59	61	47	22	28	41			10	0.35	0.12	22	13.7	-0.9	36		18.2	68		9.4	-7.5	-6.0	15.9	8	18	0.40	0.05	-0.04
PR 240015													63	45	22	61	47	43		34	18		19	27	16	40	19	18	11	10	10
PR 240016		PR 210100		120	83	93	120	101	102			71	115	109	82	83	93	81		82	73	74	82	103	101	100	76	75	75	96	82
96864913		PR 180063		60	63	46	16	30	41			12	-0.93	-0.39	-14	2.2	-3.4	-4		4.8	-26	-11	0.6	-10.0	-4.3	14.6	-13	-11	-1.62	-0.13	-0.70
PR 240016													64	44	16	63	46	42		44	17	9	18	34	18	38	18	18	13	12	12
PR 240025		PR 210100		102	99	105	105	107	109			89	98	110	94	99	105	104		97	90	96	96	105	110	103	96	95	93	94	77
96864954		PR 110026		59	62	48	17	30	41			12	0.49	-0.46	0	11.3	0.0	51		16.6	37	-35	9.1	-11.4	-6.0	16.9	-1	8	0.16	-0.27	-1.03
PR 240025													63	45	17	62	48	42		43	17	9	18	31	19	40	18	18	13	12	12

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high				Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																			
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
PR 240032		PR 210100		101	107	103	99	111	114			103	95	117	98	107	103	109		103	103	106	104	112	115	101	102	106	104	102	100
96864988		PR 180084		61	64	48	19	31	42			12	0.73	-0.74	5	16.0	-0.5	63		21.7	82	-46	13.4	-16.7	-7.0	15.6	3	19	1.29	0.24	0.27
PR 240032													65	46	19	64	48	44		46	17	9	18	36	18	39	18	18	13	12	12
PR 240045	1	BOS 200011		99	98	89	97	103	90	85	83	81	102	93	101	98	89	86		96	86	81	80	104	96	108	83	83	82	87	87
98156441		PR 210214		61	65	47	28	34	44	22	40	10	0.20	0.23	8	10.8	-4.5	10		16.2	20	-19	-0.3	-10.6	-3.2	19.8	-8	-3	-0.87	-0.66	-0.44
PR 240045													66	45	28	65	47	47		52	32	8	35	37	21	45	36	35	10	9	9
PR 240047		BOS 200011		111	89	93	113	99	96	78	88	76	111	96	90	89	93	84		87	81	81	79	100	96	103	82	80	75	86	79
98156433		PR 210133		60	64	44	27	33	43	20	38	8	-0.55	0.12	-5	5.5	-3.3	5		9.1	2	-18	-0.9	-7.7	-3.4	16.5	-9	-6	-1.61	-0.73	-0.87
PR 240047													65	42	27	64	44	45		51	31	7	35	37	18	44	35	34	9	8	8
PR 240049	2	BOS 177213		87	115	102	81	119	109	104	105	109	93	86	121	115	102	106		113	108	107	124	113	115	117	112	111	101	126	106
98162134		PR 220017		62	66	55	39	46	50	22	44	18	0.95	0.49	31	20.7	-0.8	57		29.2	103	-46	24.6	-17.9	-7.1	25.2	8	24	0.99	1.60	0.61
PR 240049													65	50	39	66	55	53		56	33	10	35	52	35	52	34	34	18	17	16
PR 240050		BOS 200298		90	98	101	100	95	88			88	90	103	98	98	101	98		96	91		92	93	90	106	105	100	86	89	98
98169816		PR 210097		58	63	41	21	30	40			8	1.13	-0.16	4	10.9	-1.2	37		15.9	40		6.5	-2.2	-2.0	18.2	4	14	-0.52	-0.53	0.16
PR 240050													64	39	21	63	41	42		46	16		17	34	17	40	18	17	9	8	8
PR 240051	2	BOS 177213		100	108	104	92	118	116	105	112	111	104	89	106	108	104	108		105	110	108	125	112	115	115	113	113	103	126	106
98163025		PR 220015		62	66	55	41	46	50	22	44	18	0.04	0.36	14	16.9	-0.2	61		23.2	109	-48	25.3	-16.6	-7.1	24.1	9	26	1.15	1.63	0.65
PR 240051													65	50	41	66	55	54		57	33	10	35	52	35	52	34	34	18	17	16
PR 240052	1	BOS 188154		93	112	84	93	101	93	97	88	108	88	122	106	112	84	96		106	106	107	107	84	105	112	105	110	114	94	100
98156474		PR 210331		64	67	56	39	40	50	28	46	10	1.30	-0.92	14	19.1	-5.9	32		23.5	93	-47	14.9	4.7	-5.1	22.2	4	23	2.18	-0.21	0.31
PR 240052													67	53	39	67	56	54		56	49	6	51	45	29	47	51	51	11	10	9
PR 240053	1	BOS 200011		82	111	101	85	108	96	95	91	99	86	94	115	111	101	103		107	99	97	102	108	107	107	99	102	95	102	97
98156482		PR 220008		62	65	47	33	38	46	24	42	12	1.50	0.19	24	18.2	-1.3	49		24.7	70	-36	12.1	-13.4	-5.4	18.8	1	15	0.36	0.23	0.12
PR 240053													66	46	33	65	47	48		56	35	8	39	40	25	48	40	38	12	11	11
PR 240056		BOS 200011		102	93	98	112	99	98	81	90	81	103	95	90	93	98	93		91	85	86	83	99	98	103	87	85	79	86	81
98156532		PR 210124		61	65	45	27	33	44	20	39	8	0.07	0.14	-5	7.8	-2.0	25		12.2	17	-24	1.1	-6.5	-3.6	16.4	-6	-1	-1.22	-0.69	-0.77
PR 240056													66	43	27	65	45	46		51	31	7	35	37	18	44	35	34	9	8	8
PR 240057		BOS 200298		88	103	104	100	104	100			97	88	101	97	103	104	107		100	100		97	104	94	113	111	108	98	89	101
98169824		PR 220011		61	65	46	26	34	44			9	1.30	-0.08	4	13.9	-0.2	57		19.3	74		9.3	-10.3	-2.8	22.8	8	21	0.68	-0.53	0.38
PR 240057													66	44	26	65	46	46		50	17		19	37	22	44	19	18	9	9	8
PR 240062		BOS 200298		81	121	107	84	106	106			117	81	104	116	121	107	118		118	118		112	97	103	115	131	129	115	93	109
98169626		PR 220031		61	65	47	30	34	45			9	1.88	-0.23	26	24.3	0.7	85		33.2	137		17.7	-4.8	-4.6	23.9	19	41	2.33	-0.32	0.79
PR 240062													66	45	30	65	47	47		49	17		19	37	21	43	19	18	9	9	8
PR 240063		BOS 199424		98	110	88	89	103	95			102	96	108	111	110	88	95		109	106	111	109	90	101	115	108	107	97	105	98
98163181		PR 210261		62	66	50	33	34	46			14	0.69	-0.37	20	18.1	-4.7	30		26.2	94	-51	16.1	0.2	-4.4	24.0	6	20	0.55	0.41	0.17
PR 240063													67	45	33	66	50	50		52	30	5	34	39	20	44	34	33	14	13	13

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed															
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name			Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
PR 240064 98163199 PR 240064	1	BOS 199424 PR 220005	95 63	115 66	81 52	92 33	116 37	104 47	104 21	100 42	105 14	93 0.95 67	107 -0.33 48	108 16 33	115 20.6 66	81 -6.6 52	95 31 50	112 28.1 56	108 99 33	107 -47 6	108 15.6 36	105 -11.7 41	114 -6.8 23	117 25.4 46	101 2 36	104 17 35	102 1.02 15	106 0.44 14	101 0.37 13
PR 240067 98169634 PR 240067		BOS 200298 PR 220042	81 61	113 65	100 47	92 30	109 34	102 45			106 9	82 1.87 66	104 -0.22 45	107 15 30	113 19.9 65	100 -1.3 47	110 65 47	111 27.6 46	108 101 17		103 12.9 19	105 -11.3 37	101 -4.3 21	115 23.9 43	119 13 19	117 30 18	106 1.41 9	91 -0.42 9	105 0.58 8
PR 240072 98163215 PR 240072	1	BOS 200011 PR 210328	90 62	109 66	103 48	85 33	108 35	100 46	101 20	96 41	103 8	92 0.97 67	96 0.10 46	115 24 33	109 17.3 66	103 -0.6 48	103 50 49	105 23.2 52	106 93 31	104 -43 7	98 9.7 35	102 -8.9 39	111 -6.3 21	105 18.0 45	103 3 35	105 18 34	102 1.08 9	94 -0.24 8	100 0.27 8
PR 240080 98170038 PR 240080		BOS 200298 PR 210277	78 61	115 66	105 46	93 26	106 33	103 44			113 8	80 2.03 66	100 -0.06 45	104 12 26	115 20.6 66	105 0.1 46	116 80 46	110 26.6 48	115 127 16		110 16.7 18	101 -8.5 37	102 -4.5 19	111 21.8 44	124 15 18	123 35 17	113 2.16 9	94 -0.22 8	112 0.99 8
PR 240089 98170020 PR 240089		BOS 200298 PR 210356	78 61	114 65	109 47	86 29	111 30	105 44			111 8	79 2.05 66	103 -0.19 45	113 22 29	114 20.2 65	109 1.1 47	114 76 47	111 27.9 47	112 117 16		109 16.3 18	104 -10.4 28	107 -5.5 20	115 23.8 42	123 14 18	121 33 17	109 1.72 9	97 -0.09 8	109 0.78 8
PR 240091 98170012 PR 240091		BOS 200298 PR 210256	78 61	109 65	101 45	93 26	101 34	93 44			99 9	80 1.99 66	101 -0.10 43	105 12 26	109 17.6 65	101 -1.1 45	107 59 45	107 24.5 48	102 79 17		98 10.0 19	98 -6.2 37	94 -2.9 20	110 21.1 44	113 9 19	110 23 18	100 0.84 9	89 -0.51 9	102 0.42 8
PR 240094 98163355 PR 240094		BOS 200011 PR 210355	94 61	103 65	109 47	92 32	105 32	102 45	95 20	97 40	99 8	95 0.71 66	97 0.08 45	105 13 32	103 13.6 65	109 1.1 47	106 56 48	100 19.4 52	101 76 31	103 -42 7	98 9.7 35	103 -9.8 30	105 -5.0 21	106 18.4 44	101 2 35	101 14 34	96 0.49 9	93 -0.28 8	92 -0.13 8
PR 240098 98169444 PR 240098		BOS 200298 PR 210313	92 57	99 61	102 43	92 15	103 27	93 39			93 8	91 1.04 62	104 -0.22 41	106 14 15	99 11.8 61	102 -0.7 43	97 35 40	97 16.9 44	96 57 16		96 9.0 17	101 -7.9 25	93 -2.6 17	115 23.9 39	111 8 18	105 18 17	92 0.07 9	85 -0.77 8	88 -0.41 8
PR 240100 98169386 PR 240100		BOS 200298 PR 210111	82 61	112 65	100 44	83 24	95 33	87 43			105 9	83 1.75 66	103 -0.18 44	117 27 24	112 19.2 65	100 -1.5 44	103 49 44	109 25.9 49	106 95 23		97 9.4 25	89 1.5 36	87 -1.5 20	113 23.0 44	118 12 25	115 28 24	105 1.32 9	91 -0.41 9	106 0.63 8
PR 240105 98163439 PR 240105	1	BOS 199424 PR 210123	79 63	129 66	93 51	69 32	104 37	94 47	120 22	94 42	126 17	75 2.41 67	120 -0.85 48	140 52 32	129 28.9 66	93 -3.4 51	105 55 50	126 39.2 56	128 173 35	127 -68 6	118 21.3 39	84 5.0 40	106 -5.3 24	117 25.5 48	129 18 39	130 42 38	121 2.94 18	115 0.97 16	118 1.31 16
PR 240109 98169402 PR 240109		BOS 200298 PR 200188	93 61	103 66	95 48	91 23	101 34	90 44			90 8	92 1.01 66	105 -0.27 45	108 17 23	103 13.7 66	95 -2.8 48	94 27 46	102 20.4 47	93 47 16		94 7.4 17	99 -6.9 37	93 -2.6 20	111 21.8 44	103 3 18	99 13 17	89 -0.18 9	91 -0.41 8	100 0.29 8
PR 240110 98163421 PR 240110		BOS 177213 PR 200053	105 62	96 67	114 55	104 36	113 46	117 50	96 28	111 46	97 22	111 -0.58 65	80 0.73 50	95 1 36	96 9.7 67	114 2.4 55	108 60 53	98 17.6 56	103 83 33	108 -47 20	104 13.6 35	114 -18.7 52	108 -5.7 34	110 20.8 52	104 4 35	97 10 34	91 -0.05 23	126 1.63 21	100 0.30 21

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 240113 98169394 PR 240113		BOS 200298 PR 190162	95 63	99 67	92 51	100 21	108 36	97 45			90 8	96 0.68	99 -0.03	98 5	99 11.7	92 -3.6	92 23	98 17.2	93 46		96 8.7	113 -17.3	99 -3.9	109 20.5	99 1	97 10	90 -0.13	97 -0.07	106 0.64	
PR 240115 98169410 PR 240115		BOS 200298 PR 200254	98 63	92 66	104 50	109 25	103 36	100 45	89 22	94 40	88 18	100 0.36	95 0.16	92 -2	92 7.7	104 -0.3	97 34	93 13.7	95 53	93 -32	88 4.1	107 -12.9	91 -2.2	111 21.5	103 3	96 9	87 -0.43	102 0.21	100 0.28	
PR 240117 98163454 PR 240117	1	BOS 200011 PR 210165	103 62	94 65	102 48	110 33	109 34	108 45	87 22	100 40	85 10	104 0.01	95 0.16	91 -3	94 8.4	102 -0.8	97 35	91 12.3	89 33	85 -23	82 1.1	107 -12.8	106 -5.3	109 20.4	87 -6	87 1	86 -0.48	88 -0.57	90 -0.28	
PR 240121 98163462 PR 240121	1	BOS 200011 PR 220083	99 62	100 64	95 47	98 32	106 32	98 45	92 20	92 40	90 8	100 0.36	98 0.01	100 7	100 11.8	95 -2.9	94 27	96 16.0	94 50	90 -28	87 3.9	106 -12.0	106 -5.2	104 17.0	90 -5	91 5	91 -0.02	92 -0.38	95 0.00	
PR 240130 98163678 PR 240130	1	BOS 200011 PR 200211	93 63	112 67	100 50	95 29	107 37	107 46	101 22	103 41	102 10	94 0.85	100 -0.06	103 11	112 19.2	100 -1.5	110 65	110 26.9	104 88	100 -39	97 9.1	108 -13.8	106 -5.2	104 17.3	104 4	105 18	102 1.01	95 -0.17	103 0.48	
PR 240131 98169949 PR 240131		BOS 200298 PR 190170	94 61	104 65	95 48	94 20	105 33	96 43			95 9	95 0.78	100 -0.04	104 12	104 14.2	95 -2.8	96 33	102 20.4	98 65		95 8.4	109 -14.8	93 -2.7	111 21.4	108 6	104 18	99 0.73	86 -0.72	93 -0.08	
PR 240133 98163686 PR 240133	2	BOS 177213 PR 190131	103 63	101 67	101 57	93 38	119 47	111 51	94 22	105 45	95 18	108 -0.37	82 0.66	105 13	101 12.8	101 -1.2	98 37	100 19.1	96 56	91 -30	113 18.3	120 -23.1	111 -6.2	114 23.7	98 0	97 11	90 -0.16	125 1.54	102 0.39	
PR 240134 98163694 PR 240134		BOS 177213 PR 148346	108 60	101 65	108 56	91 32	112 41	112 48			96 16	108 -0.34	96 0.10	106 15	101 12.9	108 0.9	104 50	102 20.5	98 65	101 -40	109 16.4	108 -13.6	111 -6.3	110 21.2	103 3	99 13	92 0.08	109 0.64	86 -0.49	
PR 240135 98163769 PR 240135		BOS 122346 PR 200247	87 62	111 63	105 56	83 43	105 45	98 50	102 22	94 44	107 14	91 1.04	90 0.35	118 27	111 18.5	105 0.1	106 57	106 23.6	105 91	102 -41	123 24.4	97 -5.4	104 -4.8	111 21.7	116 10	114 27	102 1.06	112 0.80	99 0.25	
PR 240140 98163744 PR 240140		BOS 122346 PR 200098	96 66	100 67	100 59	90 46	103 51	93 54	95 30	88 49	97 22	102 0.18	82 0.67	108 17	100 11.9	100 -1.4	94 29	98 17.5	99 68	97 -36	109 16.3	104 -10.5	98 -3.7	107 19.1	101 2	98 11	92 0.10	131 1.89	109 0.81	
PR 240141 98169873 PR 240141		BOS 200298 PR 190008	93 60	96 64	93 50	97 19	103 30	88 42			84 8	94 0.84	99 -0.02	102 9	96 9.8	93 -3.3	88 14	94 14.5	88 28		90 5.2	101 -8.4	90 -2.1	115 24.3	102 3	96 10	85 -0.65	83 -0.86	84 -0.59	
PR 240142 98169832 PR 240142		BOS 200298 PR 170078	94 60	99 64	93 49	98 15	100 30	89 42			85 8	95 0.74	99 -0.02	101 8	99 11.7	93 -3.5	91 21	98 17.6	88 30		90 5.5	104 -10.6	92 -2.5	106 18.7	103 3	97 10	85 -0.58	84 -0.85	85 -0.57	

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																	
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																															
PR 240144		BOS 200011	80	115	107	93	110	108	96	102	100	84	94	104	115	107	117		113	102	102	99	104	118	101	99	100	97	100	102	
98163900		PR 190048	63	67	51	24	37	46	21	41	8	1.67	0.20	12	20.7	0.4	83		29.1	80	-41	10.8	-11.0	-7.7	15.5	1	13	0.58	0.11	0.42	
PR 240144												67	49	24	67	51	47		54	31	7	35	40	25	47	36	35	9	8	8	
PR 240148		BOS 199424	103	106	80	96	109	97	100	92	95	101	103	103	106	80	86		105	100	97	101	107	103	112	98	96	98	99	89	
98163926		PR 190197	61	64	50	25	34	44	20	39	14	0.23	-0.16	11	15.4	-7.1	10		23.2	74	-36	11.9	-12.7	-4.6	22.2	0	10	0.63	0.07	-0.35	
PR 240148												65	45	25	64	50	46		53	31	5	34	35	21	46	35	33	15	13	13	
PR 240149		BOS 200011	107	101	101	93	100	99	90	92	93	104	106	105	101	101	97		99	96	99	92	94	102	104	100	97	91	86	80	
98163918		PR 160008	61	65	52	21	31	44	20	39	8	-0.03	-0.28	12	12.5	-1.3	36		18.6	57	-38	6.6	-2.8	-4.5	17.0	1	11	-0.08	-0.70	-0.85	
PR 240149												65	48	21	65	52	46		50	31	7	35	30	17	46	35	34	9	8	8	
PR 240152		BOS 200298	86	110	111	92	109	108	105	104	110	89	94	105	110	111	115		110	116	114	104	107	102	112	123	118	107	108	113	
98169659		PR 200197	63	67	50	25	36	46	22	41	18	1.25	0.19	13	17.8	1.7	78		26.7	129	-55	13.5	-13.3	-4.5	22.3	15	31	1.56	0.60	1.04	
PR 240152												67	48	25	67	50	47		50	23	18	26	39	24	46	26	25	19	17	17	
PR 240154	1	BOS 188154	93	114	81	96	98	92	97	87	106	88	123	103	114	81	97		107	105	103	108	80	100	113	99	107	113	96	109	
98163975		GH 190701	66	69	60	33	43	51	28	46	12	1.30	-0.98	11	20.4	-6.7	34		24.8	91	-42	15.4	8.3	-4.1	22.6	1	20	2.15	-0.14	0.78	
PR 240154												69	57	33	69	60	54		58	49	7	50	46	32	50	50	50	12	11	11	
PR 240155		BOS 122346	88	106	99	85	99	88	97	84	102	93	89	115	106	99	97		101	101	101	119	92	96	109	114	110	96	108	91	
98163983		PR 180123	63	65	59	44	46	51	22	45	14	0.91	0.39	24	15.7	-1.8	36		19.6	77	-41	22.0	-1.3	-3.3	20.5	9	23	0.48	0.58	-0.21	
PR 240155												65	56	44	65	59	56		54	34	8	36	47	37	54	36	36	15	14	14	
PR 240159	1	BOS 199424	74	129	101	72	108	100	119	100	128	74	106	135	129	101	113		126	127	126	132	92	104	120	127	130	120	121	114	
98164007		PR 190037	63	66	52	31	39	47	22	42	16	2.51	-0.28	47	29.1	-1.1	73		38.8	170	-67	29.3	-1.4	-4.9	27.0	17	42	2.86	1.35	1.09	
PR 240159												67	49	31	66	52	50		56	34	6	38	42	26	48	39	37	16	15	14	
PR 240161		BOS 200011	104	96	104	100	109	106	89	99	88	103	101	98	96	104	98		93	91	86	91	112	104	108	91	92	88	90	88	
98164015		PR 160101	62	66	53	21	32	44	20	39	8	0.09	-0.11	5	9.7	-0.4	37		13.4	38	-24	5.8	-16.7	-4.8	19.9	-4	5	-0.30	-0.46	-0.39	
PR 240161												66	50	21	66	53	47		50	31	7	35	32	19	46	35	34	9	8	8	
PR 240162		BOS 199424	110	101	98	95	108	105			101	107	105	103	101	98	96		99	105	105	107	95	112	111	101	103	98	105	99	
98164023		PR 190068	63	66	53	24	37	46			14	-0.23	-0.24	11	12.7	-1.9	34		18.4	89	-45	14.9	-3.6	-6.4	21.6	2	16	0.67	0.38	0.26	
PR 240162												67	48	24	66	53	48		54	30	5	34	40	23	47	34	33	14	13	13	
PR 240163		BOS 200298	84	110	101	90	102	95			100	85	101	108	110	101	105		107	102		101	105	100	101	116	113	96	94	108	
98608177		PR 210025	60	64	42	15	33	41			8	1.61	-0.10	17	17.8	-1.2	55		24.1	79		11.5	-11.4	-4.1	15.5	11	26	0.43	-0.25	0.75	
PR 240163												65	42	15	64	42	40		47	16		17	35	21	42	18	17	9	8	8	
PR 240167		BOS 199424	106	104	96	92	107	103			101	105	102	106	104	96	97		103	105	106	107	95	107	113	101	103	99	105	100	
98164049		PR 200085	63	67	53	29	36	47			14	-0.05	-0.12	14	14.4	-2.5	34		21.0	91	-45	15.1	-3.9	-5.5	22.7	2	16	0.74	0.39	0.27	
PR 240167												67	48	29	67	53	50		54	30	5	34	40	23	46	34	33	14	13	13	
PR 240170	2	BOS 200298	84	121	100	85	108	105			112	83	107	115	121	100	113		120	113		109	102	105	111	126	124	110	95	113	
98170202		PR 200262	62	66	48	23	35	44			10	1.77	-0.35	24	24.4	-1.5	73		34.4	118		16.4	-9.0	-5.1	21.9	17	36	1.83	-0.16	1.02	
PR 240170												67	46	23	66	48	46		48	17		18	37	23	44	18	18	10	9	9	

Breeding Values and Accuracies: Cows

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Orange: <80 Low

Inbreeding in red is high				Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																			
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
PR 240171		BOS 200298		86	108	92	95	102	92			98	85	108	103	108	92	99		106	98	91	93	105	98	104	113	108	99	96	108
98170210		PR 210030		61	66	47	25	35	44			11	1.58	-0.35	10	16.6	-3.6	39		23.4	66	-30	7.3	-11.1	-3.6	17.3	9	21	0.78	-0.13	0.73
PR 240171													66	45	25	66	47	46		50	20	9	22	38	22	45	22	22	12	10	10
PR 240176		BOS 200011		94	103	109	94	104	102	89	95	91	96	96	104	103	109	107		103	95	98	91	101	104	104	99	96	89	86	79
98164080		PR 200289		58	61	44	21	29	40	20	36	8	0.70	0.11	11	14.0	1.0	59		21.1	53	-36	6.1	-8.5	-4.8	17.4	1	10	-0.20	-0.72	-0.88
PR 240176													62	42	21	61	44	42		50	31	7	35	27	17	42	35	34	9	8	8
PR 240180		BOS 122346		83	116	99	80	99	91	109	89	118	92	78	122	116	99	105		113	118	121	126	96	99	105	126	122	109	129	111
98164601		PR 200239		66	67	59	48	50	54	30	49	22	1.01	0.82	33	21.6	-1.8	53		28.8	138	-61	25.8	-4.1	-3.8	17.7	17	34	1.71	1.77	0.91
PR 240180													68	57	48	67	59	58		58	38	20	41	54	40	57	41	40	23	21	20
PR 240181		BOS 200298		84	111	95	94	92	88			99	87	96	104	111	95	104		110	101		97	95	83	105	110	109	100	91	107
98170103		GH 190722		62	67	47	20	35	44			9	1.41	0.10	12	18.6	-2.9	52		26.6	77		9.6	-3.6	-0.7	17.8	7	22	0.85	-0.39	0.67
PR 240181													67	45	20	67	47	45		48	17		19	36	24	45	19	18	9	9	8
PR 240186		BOS 199424		87	119	106	86	111	112			119	86	108	113	119	106	116		117	121	120	118	96	115	114	117	121	114	110	110
98164635		PR 200126		63	67	53	30	36	47			14	1.51	-0.37	22	23.1	0.1	81		32.4	148	-61	21.4	-4.6	-7.1	23.3	11	33	2.22	0.70	0.85
PR 240186													67	48	30	67	53	50		54	30	5	34	40	23	46	34	33	14	13	13
PR 240189		BOS 199424		91	117	82	87	108	95	104	92	109	89	109	114	117	82	95		115	110	110	107	100	107	111	113	111	108	111	107
98164643		PR 200252		63	66	52	29	37	46	23	41	16	1.28	-0.43	23	21.7	-6.5	31		30.7	109	-50	15.4	-7.2	-5.4	21.9	9	24	1.59	0.77	0.68
PR 240189													67	48	29	66	52	49		54	32	10	36	41	23	47	37	35	16	15	14
PR 240193		BOS 199424		101	101	90	94	110	98			92	100	104	105	101	90	89		100	96	100	101	101	107	116	99	95	90	98	82
98164650		PR 160052		62	65	55	21	32	44			14	0.36	-0.21	12	12.5	-4.4	15		19.4	58	-39	11.6	-8.4	-5.5	24.7	1	9	-0.16	0.00	-0.72
PR 240193													66	49	21	65	55	47		52	30	5	34	31	18	46	34	33	14	13	13
PR 240204		BOS 199424		98	106	83	86	108	90			97	97	102	115	106	83	86		105	99	101	103	99	104	114	104	101	95	102	87
98164254		PR 100081		62	65	55	27	33	46			14	0.59	-0.14	24	15.8	-6.2	8		22.7	68	-40	13.0	-7.0	-4.9	23.7	3	14	0.38	0.23	-0.46
PR 240204													66	50	27	65	55	49		52	30	5	34	35	19	46	34	33	14	13	13
PR 240205	1	BOS 199424		84	122	87	77	116	100	114	98	123	84	105	128	122	87	99		117	122	122	130	98	118	119	123	125	115	119	108
98164262		PR 190051		64	67	54	30	39	48	22	43	16	1.70	-0.26	39	24.9	-5.1	40		31.8	153	-63	28.0	-5.8	-7.7	26.6	15	38	2.37	1.19	0.77
PR 240205													68	50	30	67	54	50		56	34	6	38	41	27	49	39	37	16	15	14
PR 240211		BOS 200298		94	106	91	93	106	95			97	95	100	105	106	91	94		103	100		97	110	94	112	110	107	101	86	94
98169758		PR 190199		61	65	48	20	32	43			9	0.78	-0.07	13	15.3	-4.0	29		21.7	72		9.3	-15.0	-2.8	22.2	7	20	0.91	-0.70	-0.03
PR 240211													65	45	20	65	48	44		48	17		19	32	21	44	19	18	9	9	8
PR 240213		BOS 199424		101	101	85	97	107	95			91	97	109	102	101	85	87		102	97	98	104	96	103	117	97	94	91	99	89
98164791		PR 200214		59	62	49	21	29	42			14	0.55	-0.41	9	12.9	-5.5	11		20.3	60	-37	13.2	-4.7	-4.6	25.1	-1	7	-0.04	0.05	-0.34
PR 240213													63	44	21	62	49	44		50	30	5	34	29	17	42	34	33	14	13	13
PR 240216		BOS 122346		75	117	110	76	104	95	110	93	117	83	83	128	117	110	111		110	115	113	128	95	106	109	125	124	109	115	106
98164775		PR 170012		64	65	60	44	46	52	22	46	14	1.78	0.62	39	21.8	1.5	68		26.8	127	-53	26.9	-3.3	-5.2	20.1	16	37	1.73	1.00	0.62
PR 240216													66	57	44	65	60	56		54	34	8	36	48	37	54	36	36	15	14	14

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed															
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
PR 240217 98164783 PR 240217		BOS 199424 PR 140027	103 62	104 65	101 54	86 23	101 32	96 45			99 14	99 0.43	110 -0.45	114 23	104 14.4	101 -1.2	97 36	103 21.6	104 87	109 -49	108 15.4	90 0.7	99 -3.8	114 23.7	108 6	104 17	96 0.49	100 0.08	85 -0.56
PR 240219 98164833 PR 240219		BOS 122346 PR 200115	74 66	118 67	107 59	78 48	102 51	93 54	108 30	91 49	116 22	86 1.47	69 1.18	124 35	118 22.3	107 0.6	111 68	115 30.8	117 134	119 -59	125 25.5	100 -7.1	100 -4.2	105 18.1	123 15	120 32	108 1.68	129 1.78	111 0.93
PR 240221 98169741 PR 240221		PD 210008 PR 170039	116 54	98 62	97 46	105 13	100 27	106 39			86 6	114 -0.83	99 -0.02	94 1	98 11.2	97 -2.3	96 34	96 15.9	90 37		99 10.4	105 -11.5	100 -4.1	97 13.0	96 -1	91 4	89 -0.18	93 -0.31	88 -0.41
PR 240222 98164841 PR 240222	1	BOS 200011 PR 190276	100 63	104 67	97 51	102 25	108 37	107 46	91 22	100 41	89 10	101 0.24	96 0.10	96 3	104 14.4	97 -2.1	102 47	103 21.1	92 44	87 -25	85 2.8	116 -19.8	102 -4.5	103 16.8	89 -5	90 4	90 -0.16	91 -0.43	95 0.02
PR 240229 98162076 PR 240229	1	PR 210101 PR 220010	91 58	110 64	83 42	91 26	99 33	87 42			103 13	89 1.25	109 -0.41	109 17	110 18.0	83 -6.2	92 22	108 25.6	103 81	100 -39	97 9.3	81 7.6	111 -6.3	104 17.2	102 3	106 19	106 1.47	106 0.48	100 0.28
PR 240231 98162100 PR 240231		BOS 122346 PR 200125	89 66	106 67	96 59	88 47	103 50	91 54	100 30	87 49	104 22	97 0.59	77 0.86	111 20	106 15.5	96 -2.5	97 34	103 21.1	106 95	108 -48	116 19.9	104 -10.3	98 -3.8	106 18.6	113 9	107 20	97 0.56	126 1.63	106 0.62
PR 240233 98162118 PR 240233		PR 210330 PR 210137	113 54	90 58	105 41	96 11	91 20	90 35				114 -0.81	92 0.25	101 9	90 6.6	105 -0.1	91 22	89 10.2	90 34		88 4.2	88 1.8	90 -2.1	101 15.5	105 4	94 8			
PR 240281 98163074 PR 240281		BOS 199424 PR 170085	102 61	109 65	87 54	91 21	112 31	104 44			103 14	97 0.62	117 -0.71	108 17	109 17.6	87 -5.0	94 29	109 26.1	108 101	110 -50	107 15.0	104 -10.2	109 -5.9	116 24.4	100 1	101 14	101 0.98	104 0.35	97 0.12
PR 240288 98163082 PR 240288	1	PR 210101 PR 220075	97 58	104 64	76 43	109 26	103 33	94 42			92 13	95 0.76	107 -0.32	93 -1	104 14.6	76 -8.2	85 7	103 21.6	93 48	89 -28	89 5.0	95 -3.3	108 -5.7	105 17.8	93 -3	95 9	98 0.69	102 0.23	90 -0.27
PR 240305 98199953 PR 240305		BOS 200011 PR 170121	102 61	100 64	110 51	95 21	103 30	104 43	89 20	97 38	90 8	101 0.25	102 -0.13	103 10	100 12.1	110 1.3	105 54	99 18.6	94 50	97 -35	90 5.6	102 -8.8	103 -4.8	103 16.4	98 0	95 9	88 -0.30	86 -0.73	79 -0.90
PR 240309 98199995 PR 240309		BOS 200298 PR 150067	93 62	114 65	103 51	86 15	112 30	110 42			109 8	92 1.04	107 -0.33	114 23	114 20.4	103 -0.6	109 63	111 27.8	110 107		108 15.9	111 -15.7	105 -5.0	115 23.8	124 15	119 32	109 1.78	92 -0.35	101 0.37
PR 240310 98200009 PR 240310		BOS 200298 PR 150063	96 62	105 66	101 52	87 15	99 30	93 43			100 8	94 0.83	106 -0.30	112 21	105 15.2	101 -1.1	100 41	103 21.6	103 82		102 12.4	96 -4.3	95 -3.1	107 19.0	119 12	113 26	99 0.74	86 -0.69	90 -0.24

Breeding Values and Accuracies: Cows

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Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 240313 98200033 PR 240313	2	PR 210109 PR 200173	98 60	119 64	96 45	82 21	98 32	99 42			119 11	98 0.50	99 -0.03	119 29	119 23.1	96 -2.6	106 57	116 31.3	118 139		42 19	112 18.1	86 3.8	112 -6.4	97 12.9	131 19	126 38	114 2.26	108 0.57	117 1.26
PR 240314 98200041 PR 240314		PR 210150 PR 130044	112 60	100 63	91 50	104 21	101 30	103 42			93 10	108 -0.32	109 -0.41	95 1	100 12.4	91 -3.9	93 27	99 18.2	98 64	98 -37		96 9.1	102 -9.1	101 -4.2	102 15.7	98 0	96 10	95 0.35	91 -0.44	81 -0.79
PR 240315 98200058 PR 240315		PR 210101 PR 210233	96 59	110 64	92 44	92 19	120 33	110 42			102 12	95 0.76	105 -0.24	107 15	110 17.9	92 -3.6	99 40	111 27.3	101 77	102 -41		99 10.4	118 -21.3	127 -9.5	103 16.6	104 4	106 19	105 1.32	103 0.28	88 -0.37
PR 240328 98199730 PR 240328		PR 210109 PR 200054	111 62	100 65	94 47	91 28	103 34	97 45	98 22	92 40	97 19	112 -0.64	93 0.22	108 16	100 11.9	94 -3.1	90 18	98 17.4	102 79	103 -42		92 6.3	103 -9.4	105 -5.1	101 15.4	109 6	99 13	94 0.29	117 1.08	108 0.75
PR 240399 98199797 PR 240399		PR 210101 PR 210215	95 58	112 64	85 42	96 24	105 32	98 42			101 12	94 0.85	105 -0.24	102 10	112 18.8	85 -5.6	97 35	112 28.1	100 73	101 -40		98 9.9	95 -3.3	116 -7.3	101 15.2	102 3	105 18	104 1.23	103 0.27	88 -0.39
PR 240403 98199821 PR 240403	1	BOS 088471 PR 190028	80 64	116 67	104 60	83 42	108 51	100 53	106 26	97 48	112 22	82 1.83	100 -0.07	118 28	116 21.6	104 -0.2	111 67	112 28.0	110 110	108 -48		115 19.5	101 -8.6	112 -6.6	104 17.5	107 5	115 28	108 1.62	109 0.61	100 0.30
PR 240418 98199847 PR 240418	1	PR 210101 PR 220061	105 58	103 64	81 43	99 21	106 32	96 41			94 13	100 0.30	110 -0.47	100 7	103 14.0	81 -6.7	86 9	104 21.8	95 54	91 -30		91 5.7	95 -3.8	112 -6.5	107 19.2	95 -2	97 11	100 0.81	102 0.24	91 -0.24
PR 240426 98199904 PR 240426		PR 210150 PR 160016	104 60	107 63	94 50	107 21	105 31	110 43			101 10	101 0.21	105 -0.27	93 0	107 16.0	94 -3.2	103 50	105 23.3	105 89	105 -45		102 12.0	105 -11.3	106 -5.2	103 16.9	105 4	104 17	101 0.97	95 -0.20	85 -0.56
PR 240428 98199912 PR 240428		PD 210008 PR 130042	102 55	105 62	114 45	95 17	103 27	111 39			105 6	104 -0.01	92 0.27	102 10	105 15.2	114 2.4	114 76	102 20.4	108 101			110 17.1	100 -7.3	109 -5.8	99 14.2	118 12	111 24	105 1.38	93 -0.30	91 -0.21
PR 240429 98199920 PR 240429	2	PR 210109 PR 200041	98 62	109 65	90 47	93 33	106 36	99 46			107 12	100 0.37	96 0.10	105 13	109 17.1	90 -4.4	97 34	102 20.8	106 95	99 -38		109 16.3	99 -6.7	111 -6.3	105 17.8	112 9	111 24	104 1.26	118 1.15	118 1.30
PR 240436 98200116 PR 240436		PR 210086 PR 170002	101 55	103 59	108 42	93 12	91 22	96 36				102 0.15	96 0.11	105 12	103 14.0	108 0.8	106 57	98 17.4	101 75			95 8.5	82 6.7	94 -2.8	104 17.0	108 6	102 15			
PR 240464 98219009 PR 240464	3	PR 210086 PR 190240	104 57	101 60	108 43	95 20	97 27	101 39				106 -0.16	90 0.32	102 10	101 12.7	108 0.9	105 54	98 17.4	98 64			91 6.1	97 -4.8	94 -2.9	104 17.3	104 4	98 11	98 0.70		

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Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 240468 98219041 PR 240468		PR 210109 PR 180186	104 59	93 61	98 44	99 21	101 26	92 40			84 10	106 -0.13 63	92 0.25 44	99 6	93 7.9 61	98 -2.1 44	89 15 42		90 11.3 38	88 28 18		88 4.0 19	99 -6.3 22	102 -4.5 15	103 16.6 41	100 1 19	91 5 18	85 -0.66 11	97 -0.08 10	89 -0.30 10
PR 240470 98219066 PR 240470		PR 210086 PR 170063	95 58	99 61	123 45	95 14	98 23	104 38				98 0.48 62	92 0.28 42	102 9	99 11.5 61	123 5.0 45	116 79 40		95 15.0 39	101 75 16		98 9.7 18	94 -2.4 22	95 -3.1 9	108 19.8 39	110 7 18	103 16 17			
PR 240474 98219447 PR 240474		PR 210099 PR 210093	100 57	105 60	92 46	111 28	103 34	106 42			90 8	103 0.08 61	90 0.35 43	91 -3 28	105 14.7 60	92 -3.8 46	100 42 45		101 19.7 41	91 40 17		101 11.6 18	103 -10.0 36	97 -3.4 23	108 19.7 42	95 -2 18	94 7 18	88 -0.35 8	101 0.15 7	95 -0.01 7
PR 240476 98219470 PR 240476		PR 210086 PR 180012	101 56	102 60	114 44	88 15	90 22	94 38				102 0.17 60	95 0.13 41	110 19 15	102 13.4 60	114 2.5 44	107 59 40		98 17.9 36	100 74 16		97 9.3 18	80 8.2 20	90 -2.0 9	106 18.8 38	113 9 18	105 18 17			
PR 240479 98219496 PR 240479		PR 210095 PR 180074	95 55	112 58	82 43	89 12	90 21	81 36				96 0.66 59	98 0.01 39	112 20 12	112 18.9 58	82 -6.4 43	91 22 38		108 25.3 30			82 6.2 20	99 -3.8 7	95 11.6 37						
PR 240480 98219504 PR 240480		PR 210095 PR 160066	103 57	108 61	89 46	91 10	92 23	89 38				100 0.33 61	108 -0.36 42	109 17 10	108 16.9 61	89 -4.6 46	94 28 39		106 23.5 32			80 8.1 21	100 -4.1 7	101 15.2 40						
PR 240482 98219280 PR 240482		PR 210109 PR 200310	108 61	105 64	85 46	95 24	104 34	99 43			99 10	109 -0.38 65	95 0.13 45	103 11 24	105 15.2 64	85 -5.5 46	91 20 45		102 20.3 44	101 75 19		95 8.1 20	108 -13.5 36	107 -5.4 21	98 13.4 45	107 5 20	103 16 20	100 0.85 11	105 0.39 10	112 0.96 10
PR 240485 98219298 PR 240485		PR 210086 PR 190210	102 59	101 62	92 45	100 19	91 31	88 41			91 8	102 0.14 63	97 0.08 43	99 6 19	101 13.0 62	92 -3.8 45	93 26 42		97 16.7 42	92 44 20	89 -28 9	85 2.3 22	89 1.1 32	91 -2.2 18	100 14.5 42	102 2 23	95 9 22	94 0.28 8	92 -0.35 7	94 -0.04 7
PR 240486 98219306 PR 240486		PR 210095 PR 200001	94 56	116 59	78 43	92 19	100 27	91 39			105 8	92 1.04 60	108 -0.38 40	108 17 19	116 21.3 59	78 -7.6 43	94 27 40		113 29.4 38	106 94 13	103 -43 8	106 14.3 14	95 -3.6 28	102 -4.5 14	102 16.2 40	115 10 14	107 20 13	105 1.34 8	100 0.10 7	97 0.14 6
PR 240488 98219314 PR 240488		PR 210330 PR 200172	109 59	98 62	106 45	95 19	92 31	96 41	97 22	91 37	95 16	113 -0.74 63	85 0.54 43	103 10 19	98 10.9 62	106 0.4 45	100 43 42		98 17.8 42	102 80 23	109 -49 18	91 5.8 26	93 -2.3 33	90 -2.0 18	100 14.9 42	113 9 26	100 14 25	94 0.23 17	99 0.03 15	87 -0.46 15
PR 240489 98219322 PR 240489		PR 210109 PR 210028	103 62	107 65	79 47	95 28	98 34	88 45			98 12	101 0.25 66	104 -0.21 46	104 12 28	107 15.9 65	79 -7.3 47	86 10 47		103 21.1 46	97 61 22	91 -29 9	90 5.4 23	97 -5.0 36	102 -4.5 22	97 12.9 45	108 6 23	102 15 23	99 0.73 13	109 0.64 12	113 1.01 12
PR 240507 98219348 PR 240507		PR 210150 PR 180155	111 61	109 64	92 49	97 23	100 34	104 44			104 10	104 -0.03 65	116 -0.68 46	102 9 23	109 17.2 64	92 -3.7 49	100 43 45		106 23.7 39	107 97 15	109 -48 6	104 13.2 17	95 -3.2 35	105 -5.0 23	102 16.0 43	107 5 17	107 20 16	102 1.07 11	98 -0.03 10	97 0.10 10

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Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																																
PR 240517		PR 210095		102	114	78	88	100	92			106	101	102	113	114	78	90		111	110		107	96	103	103	111	108	109	95	97	
98219413		GH 180363		58	48	44	19	30	37			6	0.29	-0.13	22	20.4	-7.5	19		27.6	109		15.0	-4.1	-4.6	16.7	8	21	1.69	-0.21	0.14	
PR 240517													62	43	19	48	44	37		32	13		14	29	18	42	14	14	7	6	6	
PR 240523		PR 210150		116	100	86	102	99	98			98	110	111	97	100	86	88		98	101	102	99	100	101	98	102	100	99	91	82	
98219439		PR 180124		58	47	43	19	28	37			10	-0.53	-0.49	4	12.2	-5.2	14		17.8	77	-42	10.8	-7.3	-4.3	13.5	2	14	0.73	-0.39	-0.70	
PR 240523													62	43	19	47	43	36		29	15	6	17	25	17	42	17	16	11	10	10	
PR 250005		PR 210100		118	90	89	115	101	102			79	113	109	88	90	89	83		89	80	83	87	101	103	100	84	83	82	97	85	
98666902		PR 180063		60	63	46	16	30	41			12	-0.73	-0.40	-7	6.6	-4.5	3		10.6	-1	-20	3.9	-7.9	-4.8	14.6	-8	-3	-0.95	-0.05	-0.53	
PR 250005													65	44	16	63	46	42		46	17	9	18	34	18	38	18	18	13	12	12	
PR 250009		PR 210100		107	94	96	108	100	99			82	103	109	93	94	96	91		92	83	88	91	102	105	96	89	86	87	92	74	
98666928		PR 140044		60	61	46	15	28	40			12	0.06	-0.43	0	8.6	-2.5	22		13.1	12	-26	5.8	-8.9	-5.0	12.5	-5	0	-0.46	-0.34	-1.19	
PR 250009													64	45	15	61	46	41		42	17	9	18	26	17	40	18	18	13	12	12	
PR 250015		PR 210100		109	94	99	104	106	103			82	104	113	95	94	99	92		93	83	87	90	108	108	101	88	86	86	92	74	
98666969		PR 150024		60	62	48	19	29	41			12	0.03	-0.58	1	8.4	-1.8	24		13.6	11	-25	5.7	-13.7	-5.6	15.3	-5	0	-0.49	-0.35	-1.19	
PR 250015													64	47	19	62	48	43		42	17	9	18	29	19	40	18	18	13	12	12	
PR 250017		PR 210346		86	99	114	102	104	103			88	89	96	96	99	114	111		98	91		98	114	103	96	99	94	87	95		
98666977		PR 220139		56	61	36	12	25	36			5	1.25	0.12	2	11.7	2.5	69		17.8	39		9.7	-18.8	-4.7	12.0	1	7	-0.43	-0.18		
PR 250017													62	35	12	61	36	36		41	9		9	30	11	35	9	9	5	5		
PR 250019		PR 210100		105	99	111	101	106	112			93	98	118	96	99	111	109		98	94	99	99	103	110	102	99	98	96	95	78	
98666985		PR 160077		60	62	48	19	29	41			12	0.47	-0.76	3	11.6	1.8	62		17.5	49	-38	10.8	-9.7	-6.2	16.3	1	11	0.49	-0.20	-0.94	
PR 250019													64	46	19	62	48	43		42	17	9	18	29	19	40	18	18	13	12	12	
PR 250026		PR 210346		89	104	105	97	95	95			95	93	91	100	104	105	107		100	99		97	99	92	100	107	102	95	88	97	
98667025		GH 180357		58	63	43	16	29	40			6	0.93	0.29	7	14.5	0.1	59		19.4	67		9.1	-6.5	-2.5	15.0	5	15	0.33	-0.58	0.15	
PR 250026													63	41	16	63	43	41		43	13		14	29	19	39	14	14	7	6	6	
PR 250032		PR 210346		99	92	119	110	86	98				101	92	90	92	119	111		90				90	86	93						
98667058		PR 210001		56	61	39	11	25	37				0.23	0.27	-4	7.6	4.0	67		11.4				0.6	-1.2	10.8						
PR 250032													62	37	11	61	39	37		38				28	12	35						
PR 250035		PR 210346		95	87	117	112	86	92			82	102	80	89	87	117	104		87	90	100	88	97	80	94	100	87	87	78	98	84
98667066		PR 200055		58	61	40	15	27	38			16	0.16	0.72	-5	4.4	3.5	51		8.9	35	-39	4.2	-4.8	-0.1	11.2	2	1	-1.27	-0.03	-0.64	
PR 250035													63	40	15	61	40	39		42	17	18	19	30	14	37	19	19	17	15	15	
PR 250038		PR 210346		100	93	115	110	87	97				103	91	91	93	115	108		90				92	87	93						
98667074		PR 200104		56	61	39	11	25	37				0.11	0.28	-3	8.0	2.9	60		11.5				-0.9	-1.5	10.4						
PR 250038													62	37	11	61	39	37		40				28	12	36						
PR 250042		PR 210346		95	103	111	95	91	95				96	98	103	103	111	109		101	97		100	94	93	94	112	102				
98667090		PR 190101		58	62	42	11	26	38				0.69	0.01	10	13.7	1.7	64		20.2	60		11.4	-3.0	-2.6	11.1	8	16				
PR 250042													63	40	11	62	42	38		41	5		5	29	14	36	5	5				

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ID Number Name																														
PR 250049 98667132 PR 250049		PR 210100 PR 170071	118 59	91 61	79 46	116 15	103 27	98 40			74 12	110 -0.50 63	118 -0.78 44	88 -7 15	91 6.7 61	79 -7.4 46	74 -18 41		89 10.7 43	75 -19 17	77 -14 9	83 1.6 18	106 -12.0 24	103 -4.6 17	100 14.7 39	79 -11 18	76 -9 18	79 -1.17 13	91 -0.43 12	71 -1.36 12
PR 250054 98667165 PR 250054		PR 210100 PR 140043	109 60	101 62	91 48	96 15	101 28	96 41			95 12	103 0.07 64	115 -0.65 46	103 10 15	101 12.5 62	91 -3.9 48	90 19 42		96 16.1 43	95 54 17	101 -41 9	101 11.4 18	100 -7.7 27	103 -4.7 18	99 14.4 40	102 2 18	100 14 18	98 0.63 13	95 -0.21 12	79 -0.92 12
PR 250060 99600496 PR 250060	2	BOS 177213 PR 220115	101 61	108 66	99 54	89 40	122 47	115 50	101 22	110 44	104 20	103 0.09 65	92 0.27 49	110 19 40	108 16.9 66	99 -1.8 54	101 46 53		107 24.5 52	104 87 33	100 -39 11	114 19.0 35	121 -24.1 53	118 -7.7 36	114 23.6 52	99 1 35	104 17 34	99 0.76 20	125 1.56 19	107 0.70 18
PR 250062 99600512 PR 250062		BOS 200298 PR 200053	84 63	109 67	110 50	86 25	104 35	99 45	104 22	95 40	110 18	88 1.35 67	92 0.26 47	113 22 25	109 17.5 67	110 1.4 50	110 66 47		109 25.7 45	115 127 23	116 -56 18	105 13.9 26	102 -9.3 38	98 -3.7 24	109 20.6 44	126 17 26	120 32 25	107 1.50 19	106 0.45 17	108 0.76 17
PR 250063 99600520 PR 250063		PR 210101 PR 220136	99 59	110 64	86 43	88 19	112 31	100 41			105 12	96 0.70 64	110 -0.45 40	112 21 19	110 17.8 64	86 -5.5 43	92 24 42		110 26.9 36	105 91 17	100 -39 9	102 12.0 19	107 -12.9 36	118 -7.7 18	104 17.2 39	103 3 19	107 20 18	111 1.91 13	106 0.46 12	97 0.10 12
PR 250068 99600561 PR 250068		PD 210008 PR 220104	97 56	115 64	93 42	86 28	105 34	101 42			110 10	99 0.39 61	94 0.17 38	115 24 28	115 21.0 64	93 -3.4 42	102 47 45		110 27.1 42	110 107 20	103 -42 5	118 21.5 21	108 -13.8 36	109 -5.8 23	97 13.1 43	116 11 21	114 27 21	108 1.60 10	112 0.79 9	113 1.03 9
PR 250073 99600587 PR 250073		PR 210150 PR 220330	100 60	115 63	88 44	95 25	109 32	108 42			114 10	98 0.52 65	106 -0.31 44	103 11 25	115 20.8 63	88 -4.7 44	103 49 44		111 27.8 34	116 132 16	114 -55 7	112 18.1 17	107 -13.3 36	110 -6.0 19	105 18.2 40	111 8 17	113 26 17	114 2.26 11	102 0.22 10	104 0.51 10
PR 250075 99611030 PR 250075		PR 210150 PR 220241	104 60	112 63	81 43	103 25	104 32	104 42			107 10	101 0.26 65	108 -0.36 43	96 3 25	112 18.9 63	81 -6.6 43	97 35 44		108 25.6 33	110 109 16	109 -49 7	107 14.9 17	103 -10.1 36	107 -5.5 19	101 15.2 40	106 5 17	107 20 17	108 1.61 11	100 0.12 10	97 0.15 10
PR 250080 99611063 PR 250080	1	BOS 188154 GH 190701	94 66	118 69	78 60	92 33	97 42	91 51	101 28	88 46	112 12	89 1.22 69	122 -0.94 57	108 16 33	118 22.6 69	78 -7.6 60	96 33 54		111 27.7 53	110 110 49	108 -48 7	112 17.9 50	78 9.5 46	101 -4.4 32	112 22.2 49	105 4 50	114 26 50	118 2.66 12	97 -0.07 11	111 0.91 11
PR 250081 6020264914 PR 250081		PR 190109	81 52	115 55	98 38	88 21	89 28	85 37			108 8	85 1.54 56	92 0.25 36	112 20 21	115 21.0 55	98 -2.0 38	108 60 38		110 26.5 28	108 101 17		118 21.3 18	86 3.7 30	104 -4.8 21	85 5.7 32	120 13 18	116 29 18	99 0.73 8	108 0.55 7	106 0.65 7
PR 250083 99611089 PR 250083		BOS 200298 PR 200197	83 63	112 67	111 50	90 25	108 36	107 46	108 22	103 41	114 18	86 1.50 67	95 0.14 48	109 17 25	112 19.1 67	111 1.6 50	116 79 47		112 28.1 46	119 142 23	118 -59 18	107 15.3 26	107 -12.6 39	103 -4.7 24	111 21.7 44	127 17 26	123 35 25	111 1.92 19	109 0.65 17	115 1.13 17
PR 250084 99611097 PR 250084		BOS 200298 PR 160101	88 62	109 66	101 53	87 16	107 31	98 43			106 8	87 1.41 66	106 -0.28 49	113 21 16	109 17.3 66	101 -1.1 53	103 49 45		105 22.9 40	106 94 16		108 15.7 17	106 -11.8 30	97 -3.5 19	114 23.2 43	120 13 18	118 30 17	105 1.33 9	92 -0.34 8	102 0.41 8

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Inbreeding in red is high				Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																							
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
PR 250090 99611121 PR 250090		PR 210101 PR 220345		99 58	109 64	80 43	97 23	110 30	100 41			101 12	97 0.62 63	107 -0.31 40	102 10 23	109 17.4 64	80 -6.9 43	91 21 43	108 25.3 34	101 74 17	98 -37 9	100 11.3 18	100 -7.4 35	117 -7.6 18	106 18.8 38	99 1 19	103 17 18	105 1.38 13	110 0.67 12	99 0.22 12	
PR 250091 99611139 PR 250091	2	BOS 200011 PR 220168		94 62	106 65	102 48	87 32	115 37	105 46	94 24	99 42	97 14	94 0.80 66	101 -0.11 46	112 21 32	106 15.6 65	102 -1.0 48	101 43 48	104 22.2 49	99 68 34	97 -36 10	92 6.4 38	112 -17.1 40	115 -7.0 25	109 20.5 46	92 -3 39	98 11 38	96 0.44 14	94 -0.22 13	92 -0.13 13	
PR 250093 99613259 PR 250093	2	BOS 177213 PR 190051		99 63	106 67	100 57	90 37	120 47	112 51	101 22	107 45	106 18	103 0.07 66	88 0.44 52	108 17 37	106 15.8 67	100 -1.3 57	102 46 54	104 22.4 52	106 93 33	104 -43 10	121 23.2 35	115 -19.2 52	117 -7.5 36	114 23.6 52	109 6 34	108 21 34	99 0.73 18	125 1.57 17	104 0.55 16	
PR 250096 99613275 PR 250096	1	BOS 122346 GH 190709		88 67	119 68	85 60	82 46	105 50	93 54	110 24	92 48	115 16	94 0.82 69	83 0.61 59	121 31 46	119 23.3 68	85 -5.7 60	98 37 58	112 28.7 54	112 117 36	102 -42 9	122 23.7 39	100 -7.2 53	105 -5.1 41	108 19.7 57	114 10 39	118 31 38	112 2.01 17	115 1.01 15	120 1.44 15	
PR 250097 99613283 PR 250097		BOS 200298 PR 190068		95 63	107 66	106 50	89 19	103 34	102 44			107 8	95 0.78 67	102 -0.14 47	109 17 19	107 16.3 66	106 0.2 50	107 58 45	104 22.2 42	108 102 16		105 14.2 17	96 -4.7 37	104 -4.9 23	108 19.5 43	118 12 18	117 30 17	105 1.34 9	92 -0.34 8	107 0.68 8	
PR 250100 99613317 PR 250100	1	BOS 088471 PR 190028		85 64	114 67	104 60	82 42	107 51	100 53	106 26	97 48	112 22	86 1.47 66	99 -0.01 55	119 28 42	114 20.3 67	104 -0.3 60	108 60 56	110 26.6 52	111 111 35	109 -48 14	115 19.7 38	102 -9.2 54	112 -6.4 42	103 16.6 57	107 5 38	115 28 37	108 1.65 23	109 0.62 21	100 0.31 21	
PR 250101 99613325 PR 250101		BOS 200298 PR 200109		97 62	103 66	85 49	89 23	104 34	87 44			94 8	96 0.69 67	104 -0.21 46	111 20 23	103 13.9 66	85 -5.6 49	85 7 46	101 19.6 41	97 61 16		97 9.3 17	105 -11.7 37	97 -3.5 22	108 19.8 43	107 6 18	104 17 17	93 0.21 9	92 -0.36 8	101 0.38 8	
PR 250103 99613333 PR 250103		BOS 200298 PR 150067		94 62	110 65	106 51	87 15	112 29	108 42			107 8	91 1.04 66	108 -0.36 48	113 22 15	110 17.7 65	106 0.2 51	107 59 44	106 23.9 40	108 101 16		107 15.1 17	112 -16.9 28	103 -4.8 17	114 23.3 43	122 14 18	117 30 17	108 1.61 9	92 -0.37 8	101 0.33 8	
PR 250107 99613358 PR 250107	1	BOS 200011 PR 220339		90 61	115 65	100 46	85 28	108 34	103 44	105 23	99 40	109 10	91 1.12 66	101 -0.09 45	115 24 28	115 20.6 65	100 -1.5 46	107 58 46	111 27.3 48	109 104 35	105 -44 8	94 7.5 39	103 -10.2 38	112 -6.4 20	104 17.3 43	109 6 39	111 24 38	108 1.59 10	95 -0.21 9	103 0.47 9	
PR 250112 99630089 PR 250112		BOS 200298 PR 230045		86 61	107 65	96 44	89 21	107 31	93 42			97 8	88 1.31 66	96 0.09 43	110 19 21	107 15.9 65	96 -2.6 44	97 36 43	104 21.8 42	100 72 16		101 11.6 18	111 -16.2 35	100 -4.1 18	107 18.9 41	112 8 18	108 21 17	97 0.51 9	92 -0.35 8	99 0.25 8	
PR 250114 6020297393 PR 250114		PR 220401		98 48	93 52	115 30	110 17	84 19	94 32				101 0.28 54	91 0.29 29	91 -3 17	93 8.2 52	115 2.8 30	108 61 33	91 12.4 19				90 0.5 26	94 -2.9 6	81 3.2 25						
PR 250118 99630113 PR 250118		PR 210100 PR 220347		106 59	100 63	98 42	110 23	108 31	112 41			92 12	103 0.12 64	108 -0.37 41	92 -2 23	100 11.9 63	98 -1.9 42	100 42 43	97 16.7 38	92 43 17	94 -33 9	99 10.7 18	106 -12.1 35	111 -6.3 19	104 17.2 38	93 -3 19	94 8 18	96 0.48 13	103 0.26 12	91 -0.22 12	

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 250123 99630147 PR 250123		PD 210008 PR 220143	97 56	107 64	89 42	99 28	106 34	100 42			100 10	99 0.38 61	93 0.23 37	99 6	107 16.2 64	89 -4.4 42	97 35 45	101 20.1 42	101 76 20	94 -33 5	113 18.3 21	110 -15.3 37	108 -5.7 22	98 13.5 43	102 3 21	100 14 21	99 0.75 10	114 0.95 9	111 0.95 9	
PR 250124 99630154 PR 250124		PR 210101 PR 220308	90 59	114 64	81 43	89 25	111 31	95 42			103 14	88 1.35 64	108 -0.38 41	112 20 25	114 20.0 64	81 -6.9 43	92 24 44	113 28.9 36	102 79 19	100 -39 9	103 13.0 20	103 -10.2 35	118 -7.6 19	105 18.2 39	103 3 20	106 19 20	105 1.37 14	111 0.74 13	92 -0.13 12	
PR 250126 99630162 PR 250126	2	PD 210008 PR 220132	92 55	117 63	104 39	79 22	103 31	102 40			116 8	94 0.87 61	98 0.02 34	123 34 22	117 22.1 63	104 -0.4 39	109 62 41	113 28.9 40	115 125 15	107 -47 5	119 21.8 16	103 -9.4 34	108 -5.7 19	99 14.1 40	119 12 16	119 32 16	116 2.38 9	111 0.77 8	116 1.18 8	
PR 250131 99630212 PR 250131		BOS 200298 PR 200180	83 61	109 66	98 48	86 18	94 33	84 43			104 8	83 1.72 66	104 -0.21 45	113 22 18	109 17.1 66	98 -2.1 48	100 41 44	106 23.5 42	106 93 16		104 13.5 17	96 -4.7 36	85 -1.0 21	107 19.1 43	117 11 18	114 27 17	102 1.02 9	94 -0.26 8	105 0.58 8	
PR 250134 99630246 PR 250134		BOS 200298 PR 190164	85 63	114 66	118 50	86 19	103 35	107 44			113 8	87 1.40 67	98 0.03 47	113 22 19	114 20.3 66	118 3.6 50	121 92 45	111 27.8 42	114 122 16		110 16.9 17	101 -8.5 38	101 -4.3 24	106 18.3 43	124 15 18	124 36 17	110 1.82 9	93 -0.28 8	109 0.79 8	
PR 250140 99630295 PR 250140	2	BOS 122346 PR 200262	86 66	117 59	95 57	83 47	105 49	97 51		104 22	94 45	111 15	91 1.10 68	89 0.40 57	118 28 47	117 22.0 59	95 -2.7 57	105 53 54	113 29.0 53	108 103 34	104 -43 8	124 24.7 36	100 -7.8 53	105 -5.1 40	106 18.3 53	118 12 37	117 29 36	105 1.33 16	117 1.07 14	112 0.99 14
PR 250141 6020297401 PR 250141		PR 190236	103 48	95 52	99 35	104 7	82 17	83 31				106 -0.14 53	89 0.37 32	95 2 7	95 9.2 52	99 -1.6 35	94 28 31	94 14.7 18	90 35 5		96 8.8 5	86 3.4 17	89 -1.9 8	85 5.2 27	103 3 5	95 9 5				
PR 250142 99630303 PR 250142		PD 210008 PR 180151	106 54	96 62	105 44	101 16	98 24	100 38			93 6	107 -0.25 59	93 0.21 37	97 4 16	96 10.0 62	105 -0.1 44	100 41 41	93 13.8 34	97 60 10		100 10.9 11	101 -8.5 22	102 -4.4 13	94 11.3 38	106 5 11	99 12 11	94 0.24 6	92 -0.37 5	86 -0.48 5	
PR 250150 99630899 PR 250150		BOS 200298 PR 220069	87 61	107 65	98 47	94 30	108 33	100 44			103 8	88 1.33 66	101 -0.09 45	104 11 30	107 16.3 65	98 -2.0 47	103 48 47	104 21.9 43	106 95 16		102 12.4 18	111 -15.8 37	104 -4.9 21	106 18.7 42	115 10 18	113 26 17	104 1.27 9	93 -0.31 8	107 0.72 8	
PR 250152 99630907 PR 250152	3	PR 220298 PR 220096	103 58	100 62	107 40	102 15	107 26	111 38				103 0.05 63	97 0.05 39	96 2 15	100 12.3 62	107 0.5 40	106 57 39	98 17.4 28			101 11.6 5	107 -13.0 31	111 -6.2 11	100 15.1 35	98 0 5	94 8 5				
PR 250154 6020259385 PR 250154		PR 220195	92 48	102 53	94 29	102 16	87 20	84 32				97 0.62 54	89 0.39 29	96 3 16	102 13.2 53	94 -3.2 29	97 34 33	98 17.8 21	94 50 5		97 9.1 5	93 -2.0 27	96 -3.3 8	84 4.6 26	103 3 5	97 10 5				
PR 250157 99630931 PR 250157		PR 220298 PR 220217	89 57	115 61	107 40	92 17	103 24	107 38				90 1.17 62	99 0.00 38	106 13 17	115 21.1 61	107 0.4 40	117 83 39	113 29.0 26				95 -3.4 28	111 -6.2 9	101 15.2 35						

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Inbreeding in red is high				Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																			
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
PR 250161 99637332 PR 250161		PR 210101 PR 230027		94 58	102 64	93 43	96 23	112 31	100 42			93 12	93 0.88 63	102 -0.14 40	102 9	102 13.5	93 -3.4	94 29		103 21.6	93 48	93 -31 9	92 6.6 18	109 -14.6 35	117 -7.5 19	104 17.0 38	95 -2 18	97 10 18	97 0.56 13	101 0.19 12	85 -0.56 12
PR 250165 99637373 PR 250165		BOS 200298 PR 210087		88 63	110 67	92 50	96 29	113 35	103 46			102 8	90 1.18 67	98 0.04 47	102 10	110 17.7	92 -3.7	101 44		107 24.7	104 85		104 13.6 19	116 -19.8 38	109 -5.8 24	108 20.0 44	109 7 19	108 21 18	101 0.99 9	100 0.12 8	115 1.13 8
PR 250166 99637381 PR 250166		BOS 122346 PR 170121		88 64	106 65	105 60	83 43	97 45	89 51	97 22	84 45	102 14	93 0.90 66	88 0.42 57	117 26	106 15.5	105 -0.1	101 44		101 19.9	101 78	102 -41 8	119 22.2 36	95 -3.4 46	96 -3.4 37	103 16.7 53	114 9 36	110 23 36	96 0.49 15	108 0.58 14	91 -0.21 14
PR 250175 99637456 PR 250175		BOS 200011 PR 190134		99 62	101 65	95 50	98 24	111 33	102 44	94 21	97 39	93 8	102 0.17 66	92 0.28 48	101 8	101 12.4	95 -2.8	95 29		99 18.2	97 62	96 -35 7	94 7.7 35	113 -17.9 35	110 -6.2 21	104 17.5 44	93 -3 36	91 5 35	92 0.10 9	96 -0.12 8	92 -0.17 8
PR 250176 99637464 PR 250176		BOS 200298 PR 210272		98 61	96 65	83 47	95 29	104 33	84 44			85 9	96 0.66 66	105 -0.24 44	104 11	96 10.0	83 -6.2	79 -8 47		94 14.7 42	88 30		87 3.5 19	105 -11.6 36	95 -3.0 21	111 21.6 41	98 0 19	94 8 18	87 -0.42 9	86 -0.69 9	96 0.07 8
PR 250188 99639783 PR 250188		BOS 199424 PR 140027		102 62	105 65	100 54	84 23	101 31	96 44			103 14	98 0.47 66	110 -0.45 50	116 25	105 15.2	100 -1.4	97 35		105 22.9	107 97	112 -52 5	110 16.8 34	89 1.2 31	99 -3.9 18	114 23.3 44	111 8 34	108 21 33	99 0.79 14	100 0.12 13	86 -0.49 13
PR 250193 99639791 PR 250193	2	BOS 200298 PR 200192		87 62	118 66	96 48	86 18	95 34	93 43			109 10	87 1.45 67	106 -0.28 45	114 23	118 22.6	96 -2.6	107 60		117 32.0	110 109		109 16.2 18	94 -3.2 37	88 -1.6 21	107 19.1 43	122 14 18	120 33 18	107 1.53 10	94 -0.23 9	111 0.93 9
PR 250197 6020259393 PR 250197		PR 220146		92 48	102 52	117 29	86 33	83 18	85 34				94 0.87 54	97 0.07 28	112 21	102 13.3	117 3.2	108 62		100 19.3			84 5.0 26		82 3.4 26						
PR 250200 99649279 PR 250200	1	BOS 200298 GH 190710		94 64	113 68	92 51	89 22	107 36	100 46			105 10	94 0.86 68	102 -0.15 49	110 19	113 19.6	92 -3.7	101 44		110 26.7	108 102	97 -36 6	101 11.7 22	107 -13.1 38	100 -4.1 24	110 21.2 46	117 11 22	115 27 22	107 1.51 11	95 -0.20 10	117 1.29 10
PR 250201 99649287 PR 250201		BOS 200011 PR 210260		96 62	112 66	98 48	91 28	104 34	102 45	96 20	97 40	101 8	97 0.57 66	96 0.11 46	107 15	112 18.9	98 -2.1	106 55		110 26.7	102 80	102 -41 7	98 10.1 35	101 -8.2 38	110 -6.1 20	99 14.2 44	101 2 35	103 16 34	99 0.74 9	91 -0.39 8	93 -0.12 8
PR 250205 99649329 PR 250205		PR 210109 PR 170057		103 60	102 63	99 48	88 20	99 27	93 41			105 10	102 0.19 64	101 -0.10 45	111 20	102 13.4	99 -1.6	95 31		99 18.4	106 95		103 13.0 19	93 -1.6 25	108 -5.7 15	97 13.2 40	118 12 19	112 25 18	104 1.20 11	104 0.35 10	104 0.52 10
PR 250206 99649337 PR 250206		BOS 200298 PR 210220		89 62	118 66	104 47	78 29	103 33	100 45			118 9	89 1.27 67	103 -0.18 45	125 36 29	118 22.8	104 -0.4	109 63		115 30.4	118 138		112 17.9 19	93 -1.6 36	102 -4.5 20	111 21.6 42	130 19 19	130 42 18	117 2.51 9	95 -0.21 9	113 1.04 8

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 250213		BOS 122346	90	108	84	91	109	93	102	89	105	96	83	109	108	84	91	102	104	98	118	109	110	104	108	109	101	115	108	
99613390		PR 210135	66	67	59	48	49	54	22	48	14	0.65	0.62	18	16.9	-5.8	20	20.6	86	-37	21.6	-14.7	-6.1	17.5	6	22	0.99	0.96	0.75	
PR 250213												68	57	48	67	59	58	53	34	8	36	53	40	54	36	36	15	14	14	
PR 250214	1	BOS 122346	86	113	85	87	108	92	102	89	106	92	84	114	113	85	94	106	103	98	118	106	106	109	105	108	100	114	107	
99613408		PR 220005	66	67	59	50	50	54	23	48	16	0.98	0.57	23	19.5	-5.5	29	23.3	83	-37	21.4	-12.3	-5.2	20.2	4	21	0.83	0.91	0.68	
PR 250214												68	57	50	67	59	59	54	36	8	38	54	40	55	39	38	16	15	14	
PR 250225	1	BOS 200011	98	100	102	95	106	100	90	93	90	99	96	103	100	102	99	98	92	88	95	103	106	106	91	93	87	100	94	
99613440		PR 190118	64	67	52	30	38	47	24	42	12	0.41	0.12	11	12.2	-0.8	39	17.5	42	-26	8.5	-9.6	-5.2	18.5	-4	6	-0.41	0.13	-0.07	
PR 250225												68	50	30	67	52	50	50	35	8	39	40	27	47	40	38	12	11	11	
PR 250237		BOS 200298	85	111	92	92	106	95			103	85	104	107	111	92	100	108	105		104	108	100	108	114	112	101	96	108	
99613465		PR 210071	62	66	49	28	33	45			8	1.61	-0.21	15	18.3	-3.7	42	25.3	89		13.3	-13.5	-4.0	19.6	10	25	0.94	-0.12	0.77	
PR 250237												66	46	28	66	49	48	41	16		17	36	22	42	18	17	9	8	8	
PR 250263		PR 220219	109	100	108	95	107	109				110	93	103	100	108	103	98				102	107	108						
99656068		PR 170096	57	60	45	12	21	37				-0.49	0.22	10	12.0	0.8	50	17.8			-9.1	-5.4	19.5							
PR 250263												61	42	12	60	45	39	25				22	7	34						
PR 250275		6020259427	102	95	99	91	90	81			87	102	97	108	95	99	89	92	88		98	87	100	90	95	93	83	107	100	
6020259427		PR 210096	51	54	36	30	27	37			8	0.16	0.04	16	9.2	-1.7	16	13.1	29		9.9	2.7	-4.1	8.4	-1	7	-0.86	0.50	0.30	
PR 250275												55	35	30	54	36	40	28	17		18	30	19	32	18	18	8	7	7	
PR 250292		PR 220155	107	103	100	90	110	105	106	102	107	110	88	109	103	100	97	102	110	106	108	109	112	103	111	109	104	124	116	
99656217		PR 200079	59	62	48	27	35	43	22	39	18	-0.50	0.43	17	13.6	-1.4	36	20.9	110	-45	15.5	-14.5	-6.5	16.6	8	22	1.28	1.53	1.19	
PR 250292												63	46	27	62	48	46	38	24	18	26	38	25	41	27	26	18	17	16	
PR 250294		PR 210109	105	98	98	89	99	91			96	105	98	110	98	98	91	94	98		96	95	104	99	111	103	94	99	94	
99656233		PR 180108	59	62	46	21	27	41			10	-0.07	0.03	18	10.8	-1.9	20	14.7	64		8.9	-3.9	-4.9	14.1	8	16	0.30	0.04	-0.06	
PR 250294												63	44	21	62	46	43	31	18		19	25	15	40	19	18	11	10	10	
PR 250297		PR 220298	92	114	93	112	108	114			105	95	92	91	114	93	112	107	104		107	100	113	105	103	105	105	106	110	
99657140		PR 220180	58	61	41	22	29	40			6	0.73	0.28	-4	20.0	-3.4	70	24.5	87		14.9	-7.7	-6.7	18.0	3	18	1.34	0.43	0.85	
PR 250297												63	40	22	61	41	41	34	16		17	33	17	38	16	16	6	6	6	
PR 250312		6020297419	112	85	107							111	98		85	107		83				80		84						
6020297419		PR 160066	50	53	38							-0.55	0.02		3.2	0.7		6.1				8.6		4.9						
PR 250312												54	35		53	38		12				12		28						
PR 250317		PR 220073	111	90	91	112	103	99				110	99	90	90	91	84	88				104	100	104						
99657199		PR 200214	53	57	40	14	20	35				-0.46	-0.02	-4	6.6	-3.9	5	9.6			-10.6	-4.1	17.0							
PR 250317												58	37	14	57	40	37	25			20	8	32							
PR 250340		PR 220073	103	101	97	98	106	102			97	102	103	100	101	97	96	97	97		90	110	100	106	98	101	101	100		
99657256		PR 210194	57	61	44	31	31	42			8	0.19	-0.18	7	12.5	-2.3	33	16.9	62		5.3	-15.1	-4.0	18.4	0	15	1.00	0.15	0.27	
PR 250340												62	41	31	61	44	45	34	17		18	35	19	39	18	18	9	8	8	

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high				Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																	
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
PR 250341 99657264 PR 250341		PR 210100 PR 200093	106 61	95 64	104 47	106 21	103 34	105 43	86 23	98 39	91 20	105 -0.08 65	101 -0.10 45	94 0 21	95 9.2 64	104 -0.2 47	99 41 44	96 15.7 42	95 54 24	102 -42 20	93 7.0 27	107 -13.3 37	101 -4.4 24	100 14.8 42	95 -1 27	92 6 26	94 0.22 21	112 0.78 19	91 -0.20 19
PR 250347 99663395 PR 250347		PR 210100 PR 200172	103 61	101 64	104 47	100 21	107 35	109 43	90 23	102 39	97 20	101 0.27 66	106 -0.30 45	98 5 21	101 12.8 64	104 -0.2 47	104 52 44	101 19.9 42	100 73 24	108 -48 20	97 9.4 27	107 -13.1 38	105 -5.1 24	106 18.6 42	101 2 27	98 11 26	99 0.71 21	113 0.84 19	93 -0.08 19
PR 250348 99663403 PR 250348		PR 220219 PR 200211	104 59	110 62	88 46	94 23	106 30	103 42				106 -0.16 63	91 0.31 43	105 13 23	110 18.0 62	88 -4.7 46	97 35 44	107 24.6 32	112 115 7		111 17.5 8	108 -14.1 34	106 -5.2 17	102 16.3 38	114 10 8	112 25 8			
PR 250352 99678294 PR 250352		PR 220155 PR 210310	97 58	113 62	105 47	85 35	104 34	105 44	113 22	103 40	118 18	101 0.27 62	88 0.40 44	115 24 35	113 19.8 62	105 0.0 47	109 64 48	112 28.0 38	122 150 24	121 -62 18	115 19.7 26	99 -6.4 38	107 -5.4 24	104 17.4 41	127 17 27	122 34 26	112 2.00 18	121 1.35 17	111 0.93 16
PR 250353 99678278 PR 250353		PR 210100 PR 220054	108 55	93 59	100 40	103 15	103 25	100 37			85 12	103 0.08 60	112 -0.52 38	95 2 15	93 7.8 59	100 -1.4 40	92 24 38	91 12.0 32	86 20 17	90 -29 9	93 6.9 18	103 -9.6 24	105 -5.1 17	101 15.6 35	91 -4 18	89 3 18	89 -0.25 13	93 -0.32 12	75 -1.13 12
PR 250354 99678302 PR 250354		PR 220219 PR 180155	111 58	97 62	96 46	97 15	102 27	98 40				111 -0.60 62	95 0.16 43	101 9 15	97 10.3 62	96 -2.7 46	91 20 41	96 15.6 26			101 -8.4 31	103 -4.7 16	103 16.4 35						
PR 250370 99679268 PR 250370	1	PR 210100 PR 210239	114 59	91 63	82 44	118 28	102 32	99 43			80 13	109 -0.39 64	111 -0.47 42	85 -10 28	91 6.9 63	82 -6.6 44	78 -9 45	89 10.6 38	81 5 18	80 -17 9	86 2.9 19	101 -8.6 35	99 -3.8 21	106 18.6 39	81 -9 20	82 -4 19	87 -0.47 14	95 -0.20 12	84 -0.58 12
PR 250384 99679219 PR 250384		PR 210109 PR 150063	113 61	95 64	98 50	93 20	96 28	92 42			94 10	110 -0.52 65	103 -0.16 47	105 13 20	95 8.9 64	98 -2.0 50	89 16 45	91 12.5 32	96 58 18		95 8.0 19	95 -3.3 25	104 -4.8 16	94 10.9 42	109 7 19	101 14 18	93 0.16 11	99 0.02 10	93 -0.10 10
PR 250385 99679227 PR 250385	1	PR 210100 PR 220080	103 61	109 64	95 47	96 30	111 36	110 45			106 14	99 0.39 66	110 -0.44 45	102 9 30	109 17.1 64	95 -2.9 47	102 47 47	105 22.8 44	104 87 24	103 -42 10	112 18.2 26	111 -15.9 39	110 -6.1 26	107 18.9 42	103 3 26	107 20 25	107 1.53 15	113 0.86 14	106 0.66 14
PR 250386 99679235 PR 250386	6	PR 220108 PR 190210	107 57	99 61	79 47	101 27	98 36	87 43			87 10	106 -0.18 61	98 0.02 44	98 5 27	99 11.5 61	79 -7.4 47	80 -5 45	94 14.5 38	87 24 22	80 -18 10	103 12.7 23	107 -12.9 39	92 -2.4 25	100 14.9 43	98 0 24	91 5 23	89 -0.27 11	106 0.43 10	103 0.45 10
PR 260005 6020363617 PR 260005		PR 210100 PR 170071	126 59	85 50	79 45	117 15	103 26	98 37			72 12	118 -1.12 63	116 -0.68 44	87 -8 15	85 3.5 50	79 -7.4 45	69 -32 37	84 6.3 36	74 -22 17	76 -13 9	83 1.2 18	107 -12.7 24	102 -4.5 17	100 14.6 37	78 -11 18	75 -10 18	78 -1.29 13	91 -0.45 12	70 -1.39 12
PR 260034 6020364037 PR 260034		PR 210100 PR 200055	105 61	93 54	102 44	111 21	100 33	102 40	83 23	94 37	87 20	105 -0.04 65	99 -0.01 45	91 -4 21	93 8.1 54	102 -1.0 44	96 33 40	93 13.7 42	91 41 24	98 -37 20	90 5.2 27	106 -12.5 37	96 -3.2 23	101 15.4 40	91 -4 27	87 1 26	90 -0.12 21	111 0.74 19	90 -0.29 19

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
PR 260051 6020364045 PR 260051	2	PR 210100 GH 180357	103 61	107 54	90 47	97 22	110 35	105 41			100 14	99 0.38 65	108 -0.39 46	102 9 22	107 16.3 54	90 -4.3 47	97 35 41	104 21.8 42	100 72 21	97 -35 10	98 10.0 23	109 -14.4 37	107 -5.5 26	108 19.7 42	97 0 23	102 15 23	106 1.46 15	101 0.18 14	104 0.50 13	
PR 260053 6020364052 PR 260053	1	PR 210100 PR 190222	112 62	101 55	87 46	113 21	101 34	105 41			93 13	106 -0.13 66	116 -0.68 46	90 -4 21	101 12.4 55	87 -5.2 46	92 23 41	98 17.7 41	94 51 18	91 -29 9	95 8.2 19	103 -9.7 37	102 -4.5 24	100 14.5 41	90 -4 20	93 7 19	100 0.86 14	102 0.22 12	99 0.24 12	
PR 260057 6020364060 PR 260057		PR 210100 PR 180063	117 60	87 53	92 45	118 16	101 30	102 38			75 12	112 -0.62 64	110 -0.44 44	85 -10 16	87 4.3 53	92 -3.6 45	83 2 38	85 7.3 38	77 -12 17	79 -16 9	85 2.4 18	102 -9.4 34	102 -4.5 18	100 14.8 37	80 -10 18	79 -6 18	78 -1.27 13	97 -0.09 12	84 -0.61 12	
PR 260062 6020364078 PR 260062		PR 210100 PR 200102	103 60	105 53	98 42	100 18	105 32	107 39			100 14	99 0.44 65	113 -0.55 44	98 5 18	105 15.0 53	98 -1.9 42	103 49 38	104 21.9 40	100 73 17	101 -40 9	103 13.1 19	103 -9.7 36	106 -5.3 21	104 17.4 39	101 2 19	102 15 19	103 1.14 14	102 0.21 13	100 0.32 12	

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value										
						nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★★★																	
1	PR 230114	PR 230114	BC 190032	PR 200247	0.0	HH	0	0	0		99	82	116	84	136	81	97	78	112	79	139	74	115	78	135	75	
2	PR 230119	PR 230119	BC 190032	PR 210017	0.0	HH	0	0	0		99	83	108	85	133	82	100	80	109	80	130	75	113	79	126	76	
										★★★★★☆																	
1	PR 230243	PR 230243	BC 190032	PR 160001	0.0	HH	0	0	0		102	83	110	84	111	82	114	79	110	80	129	75	100	79	123	76	
2	PR 240060	PR 240060	BOS 177213	PR 210096	2.1	HH	0	0	0		111	85	115	86	82	84	85	82	132	83	120	77	107	80	116	78	
3	PR 240158	PR 240158	BOS 200011	PR 160047	0.0	PcH	0	0	0		108	84	107	85	103	83	105	80	113	80	122	76	91	80	114	77	
4	PR 240437	PR 240437	PR 210150	PR 170096	0.0	PcH	0	0	1		115	83	109	83	104	81	93	78	114	79	121	74	113	78	118	75	
										★★★★★																	
1	PD 221163	PD22-1163	BOS 188650	PD 170345	0.0	HH	0	0	0		136	82	106	84	62	83	118	81	103	82	111	76	108	80	108	77	
2	PR 210100	PR 210100	BOS 177146	PR 150048	0.0	HH	0	0	0		103	90	101	91	90	84	105	81	119	83	112	79	83	80	103	79	
3	PR 230096	PR 230096	BOS 199424	PR 200210	0.0	HH	0	0	0		83	84	130	85	105	82	79	80	111	81	114	76	124	80	114	77	
4	PR 230131	PR 230131	PB 190051	PR 210015	0.0	HH	0	0	0		121	83	95	84	108	80	98	78	105	79	112	74	100	78	107	75	
5	PR 230156	PR 230156	BOS 199424	PR 160084	0.0	PcH	0	0	0		103	85	121	85	92	83	76	80	117	81	112	76	118	80	110	77	
6	PR 230196	PR 230196	BOS 122346	PR 140013	0.0	HH	1	0	0		89	86	117	86	112	85	80	82	113	83	113	77	117	81	111	78	
7	PR 230276	PR 230276	BOS 199424	PR 160101	0.0	HH	0	0	0		101	85	116	85	99	83	87	80	119	81	118	76	118	80	116	77	
8	PR 230289	PR 230289	GH 160126	PR 180003	0.0	PcH	1	0	0		84	83	121	83	130	81	95	79	94	80	118	74	111	78	115	75	
9	PR 230365	PR 230365	OBS 140279	PR 170096	0.0	HH	0	0	0		101	85	114	85	103	83	105	80	105	81	119	76	115	80	116	77	
10	PR 240083	PR 240083	BOS 199424	PR 220080	0.6	PcH	0	0	0		101	84	120	85	87	83	88	80	112	81	110	76	121	80	109	77	
11	PR 240123	PR 240123	BOS 122346	PR 140013	0.0	HH	1	0	0		91	86	123	86	102	85	75	83	114	83	111	78	130	82	112	79	
12	PR 240127	PR 240127	BOS 199424	PR 200038	0.0	HH	1	0	0		90	84	121	85	108	83	82	80	113	81	115	76	122	80	114	77	
13	PR 240129	PR 240129	BOS 188154	PR 190109	0.4	PcH	0	0	0		102	86	118	86	82	85	99	82	112	83	113	77	102	82	108	78	
14	PR 240168	PR 240168	BOS 200011	PR 200175	1.4	HH	0	0	0		95	84	117	85	108	82	91	79	104	80	112	75	108	79	109	76	
15	PR 240185	PR 240185	BOS 199424	PR 200337	0.0	HH	0	0	0		98	83	122	84	85	82	83	79	126	80	117	75	120	80	115	76	
16	PR 240206	PR 240206	BOS 200011	PR 170016	0.0	PcH	0	0	0		108	84	102	85	94	83	95	80	120	81	112	76	91	80	105	77	
17	PR 240220	PR 240220	BOS 122346	PR 150002	0.0	HH	0	0	0		68	86	140	85	110	84	66	82	111	82	112	77	134	80	114	78	
18	PR 240306	PR 240306	PR 210109	PR 200091	0.0	HH	0	0	0		96	84	120	85	92	81	101	79	103	80	111	75	124	78	111	76	
19	PR 240307	PR 240307	PD 210008	PR 190007	0.0	PcH	0	0	0		110	81	115	82	97	79	99	77	107	78	118	73	112	76	115	74	

Selection List on Cow Value

Bulls 2 years and older

ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value		Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID								nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
												★★★★★																
1	COR 210008	21/08		BOS 155035	BOS 100050	2.4	HH	0	0	0		89	86	103	86	104	84	91	81	118	83	106	77	83	80	98	78	
2	PR 230082	PR 230082		BOS 122346	PR 210026	0.0	HH	0	0	0		88	85	115	85	100	83	80	82	117	82	106	76	110	80	103	77	
3	PR 230093	PR 230093		BOS 199155	PR 200197	0.0	HH	1	0	0		89	82	102	83	101	81	117	79	100	80	105	74	101	78	101	75	
4	PR 230104	PR 230104		OKT 160004	PR 200350	0.0	HH	1	0	0		103	84	92	85	127	82	102	80	94	81	106	76	99	80	101	77	
5	PR 230110	PR 230110		OKT 160004	PR 200211	0.5	HH	1	0	0		86	84	103	85	119	83	92	80	100	81	100	76	102	80	96	77	
6	PR 230112	PR 230112		BOS 122346	PR 200262	1.6	HH	0	0	0		94	86	116	86	93	84	85	82	113	83	106	77	105	81	102	78	
7	PR 230113	PR 230113		BOS 199155	PR 200162	0.0	HH	0	0	0		86	82	121	83	91	80	98	78	97	79	100	74	111	78	98	75	
8	PR 230205	PR 230205		ONE 188011	PR 200331	0.0	HH	0	0	0		70	81	125	82	122	79	80	77	101	78	106	73	110	77	104	74	
9	PR 230208	PR 230208		OKT 160004	PR 150002	0.0	PcH	0	0	0		75	84	123	84	114	82	80	80	96	80	100	75	117	80	99	76	
10	PR 230212	PR 230212		BC 190032	PR 180216	0.0	PcH	0	0	0		96	82	105	83	98	81	99	78	101	79	100	74	111	78	97	75	
11	PR 230238	PR 230238		BOS 122346	PR 170063	0.0	HH	1	0	0		72	85	114	85	116	84	83	81	108	82	102	76	111	80	100	77	
12	PR 230245	PR 230245		BOS 122346	PR 170012	0.0	HH	1	0	0		84	85	121	85	110	84	73	81	114	82	109	76	122	80	109	77	
13	PR 230248	PR 230248		OKT 160004	PR 180196	0.0	HH	0	0	0		99	84	102	85	118	83	86	80	106	81	106	76	111	80	104	77	
14	PR 230331	PR 230331		BOS 155035	PR 190065	1.3	HH	1	0	0		88	85	99	86	100	83	103	80	112	82	101	76	90	80	95	77	
15	PR 230414	PR 230414		PR 200709	PR 170085	0.0	HH	0	0	0		95	83	110	83	93	81	93	79	106	80	101	74	110	78	99	75	
16	PR 240055	PR 240055		BOS 188154	PR 210083	0.6	HH	1	0	0		83	87	125	87	81	85	80	83	115	84	100	78	101	83	96	79	
17	PR 240065	PR 240065		BOS 200011	PR 210145	1.1	HH	0	0	0		91	84	119	85	106	83	77	81	112	81	109	76	114	80	107	77	
18	PR 240084	PR 240084		BOS 199424	PR 210194	1.2	HH	0	0	0		92	85	122	86	85	84	81	82	110	83	101	77	109	82	98	78	
19	PR 240088	PR 240088		BOS 199424	PR 210198	0.4	HH	0	0	0		100	84	117	85	77	82	91	81	116	81	106	76	109	80	103	77	
20	PR 240136	PR 240136		BOS 200298	PR 140016	0.0	HH	1	0	0		88	84	115	84	102	82	83	78	111	79	105	75	104	78	101	76	
21	PR 240139	PR 240139		BOS 200298	PR 180029	0.0	HH	0	0	0		100	83	117	84	80	82	83	78	118	79	105	75	112	78	103	76	
22	PR 240147	PR 240147		BOS 199424	PR 200304	0.1	HH	0	0	0		88	84	117	85	81	83	92	81	112	81	100	76	110	80	98	77	
23	PR 240173	PR 240173		BOS 200298	PR 190160	0.0	HH	1	0	0		91	83	118	84	90	81	83	78	111	79	102	74	118	78	102	75	
24	PR 240207	PR 240207		BOS 122346	PR 180048	0.0	PcH	1	0	0		93	85	120	85	85	83	84	81	112	82	102	76	106	80	99	77	
25	PR 240209	PR 240209		BOS 200298	PR 200301	0.4	HH	1	0	0		73	84	136	85	101	82	70	79	109	80	105	75	120	78	105	76	
26	PR 240218	PR 240218		BOS 122346	PR 200235	0.0	PcH	0	0	0		85	86	109	86	113	85	84	83	115	83	108	78	102	82	104	79	
27	PR 240303	PR 240303		BOS 200011	PR 210223	1.4						97	61	105	65	100	46	95	25	106	35	103	44	97	22	98	40	
28	PR 240311	PR 240311		BOS 122346	PR 210017	0.0	HH	0	0	0		84	86	120	86	97	84	83	83	114	83	105	77	104	81	101	78	
29	PR 240392	PR 240392		PD 210008	PR 160084	0.0	PcH	0	0	0		115	81	107	83	92	80	87	77	111	78	107	73	100	76	102	74	
30	PR 240422	PR 240422		PR 210109	PR 190080	2.0	HH	1	0	0		78	85	142	86	92	83	65	81	112	81	107	76	141	80	111	77	
31	PR 240443	PR 240443		PR 210109	GH 190710	0.0	HH	0	0	0		106	84	119	85	83	82	85	79	105	80	102	75	120	80	102	76	

Selection List on Cow Value
Bulls 2 years and older

ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value									
Sorted on ID								nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
												★★★																
1	PR	210109	PR 210109	BOS 100193	PR 128236	0.0	HH	0	0	0		101	92	111	93	87	87	85	84	107	85	98	81	115	84	97	82	
2	PR	230102	PR 230102	BOS 122346	PR 200051	0.4	HH	0	0	0		89	86	108	86	92	84	90	82	105	83	93	77	101	81	89	78	
3	PR	230137	PR 230137	BOS 122346	PR 200102	1.6	HH	1	0	0		82	86	122	85	90	84	82	82	107	83	97	77	120	80	97	78	
4	PR	230138	PR 230138	BOS 122346	PR 200073	0.0	HH	1	0	0		77	86	129	86	91	84	73	82	102	83	92	77	113	81	91	78	
5	PR	230182	PR 230182	BOS 122346	PR 160012	0.0	HH	1	0	0		93	85	108	84	102	84	82	82	105	82	96	76	109	80	94	77	
6	PR	230187	PR 230187	BOS 122346	PR 200001	0.0	PcH	1	0	0		72	85	115	85	102	84	80	82	109	83	93	77	110	81	91	78	
7	PR	230221	PR 230221	OKT 160004	PR 190100	0.3	PcH	1	0	0		89	84	92	85	113	82	103	80	98	81	94	76	90	80	88	77	
8	PR	230272	PR 230272	BOS 122346	PR 160089	0.0	PcH	0	0	1		96	85	119	85	69	84	88	82	104	82	90	77	110	80	89	78	
9	PR	230327	PR 230327	BOS 155035	PR 190022	0.0	HH	1	0	0		98	85	100	85	101	83	87	80	99	82	90	76	84	80	83	77	
10	PR	230400	PR 230400	PR 200709	PR 170039	0.0	HH	1	0	0		86	83	125	84	91	82	81	80	101	80	97	75	115	79	96	76	
11	PR	240044	PR 240044	BOS 188154	PR 210077	0.0	HH	1	0	0		78	86	123	86	104	85	92	83	92	83	98	78	107	82	96	79	
12	PR	240079	PR 240079	BOS 155035	PR 210310	0.0	HH	0	0	0		81	85	115	85	112	83	81	81	102	82	99	76	115	80	98	77	
13	PR	240086	PR 240086	BOS 199424	PR 220062	0.2	PcH	1	0	0		89	84	109	85	83	82	89	81	113	81	94	76	108	80	91	77	
14	PR	240156	PR 240156	BOS 200011	PR 190134	0.4	HH	0	0	0		89	84	107	85	92	82	91	80	112	80	98	75	108	80	95	76	
15	PR	240395	PR 240395	BOS 200298	PR 160035	0.0						86	61	114	64	106	50	79	17	103	30	96	42					
16	PR	240481	PR 240481	PR 210086	PR 190118	0.4						98	59	107	63	103	46	86	25	97	33	94	43					
												★★★																
1	PR	230039	PR 230039	PR 190117	PR 160057	0.0						112	55	85	57	90	44	102	17	96	27	84	38					
2	PR	230118	PR 230118	BOS 122346	PR 200115	0.0	HH	0	0	0		73	86	120	86	96	84	79	82	99	83	88	77	110	81	86	78	
3	PR	230334	PR 230334	BOS 155035	PR 130012	0.0	HH	1	0	0		83	84	110	84	98	82	84	79	100	81	88	75	98	79	84	76	
4	PR	240128	PR 240128	BOS 200011	PR 190084	0.6	HH	1	0	0		78	84	117	85	85	82	88	80	102	81	88	76	102	80	85	77	

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
										★★★★★☆☆																
1	PR	140013	PR140013		0.0						112	67	104	65	121	79	89	20	114	33	123	50				
2	PR	200197	PR 200197	BC 160639	PR 110112	0.0					101	70	93	70	126	72	114	39	106	49	120	56	98	37	114	52
3	PR	230134	PR 230134	BC 190032	PR 200310	0.0					101	62	104	66	113	52	116	28	101	38	120	46	98	20	114	41
										★★★★★★																
1	PR	180084	PR 180084		PR 140013	0.0					97	68	105	66	118	73	99	40	104	37	114	53				
2	PR	190068	PR 190068	GH 160126	PR 160003	0.0					121	67	87	67	115	70	112	20	96	46	110	51				
3	PR	190080	PR 190080	BOS 122346	PR 140013	0.0					73	72	127	72	126	75	70	43	116	55	117	59	128	22	118	52
4	PR	190137	PR 190137	GH 160126	PR 110026	0.0					103	69	105	69	117	72	101	22	100	47	114	52				
5	PR	190164	PR 190164	GH 160126	PR 130026	0.0					99	67	106	68	136	71	94	20	95	46	117	51				
6	PR	200126	PR 200126	GH 160126	PR 170015	0.0					86	67	114	68	131	70	93	34	103	44	119	53				
7	PR	200262	PR 200262	PD 150024	PR 170016	0.0					101	66	110	66	104	65	95	32	103	44	110	51				
8	PR	210017	PR 210017		PR 180198	0.0					106	57	92	58	113	61	115	61	107	34	115	50				
9	PR	210077	PR 210077	GH 160126	PR 180003	0.0					85	64	108	65	148	63	87	46	89	43	110	52				
10	PR	210087	PR 210087	PB 160059	PR 180029	0.0					106	68	95	68	86	71	121	46	115	47	112	56				
11	PR	210356	PR 210356	PR 190067	PR 170015	0.0					83	63	113	64	115	63	88	45	109	30	110	49				
12	PR	220031	PR 220031	GH 180359	PR 180062	0.0					100	62	102	63	123	62	96	52	100	41	111	52				
13	PR	220098	PR 220098	PB 190051	PR 190240	0.0					100	63	108	65	123	57	82	31	104	38	111	48				
14	PR	220114	PR 220114	PB 190051	PR 190164	0.0					102	62	104	65	129	50	91	18	101	35	115	44				
15	PR	220401	PR 220401	PR 190107	PR 150016	0.0					89	60	103	62	125	57	104	34	97	36	111	47				
16	PR	230090	PR 230090	BC 190032	PR 200177	0.0					90	61	115	66	120	51	97	28	97	38	114	46	112	20	111	41
17	PR	230091	PR 230091	BC 190032	PR 200196	0.0					92	61	110	65	119	48	101	25	94	35	110	44	105	20	106	39
18	PR	230092	PR 230092	BC 190032	PR 200118	0.0					98	62	111	66	112	51	109	25	98	36	117	45	105	20	113	40
19	PR	230116	PR 230116	BC 190032	PR 200054	3.9					95	62	105	66	121	53	102	32	100	38	114	47	100	28	108	43
20	PR	230132	PR 230132	BC 190032	PR 200289	0.0					89	57	104	61	129	47	103	23	96	31	112	41	99	20	107	37
21	PR	230179	PR 230179	BC 190032	PR 130008	0.0					103	61	105	65	119	54	102	26	93	34	110	45	96	20	105	40
22	PR	230185	PR 230185	BC 190032	PR 190170	0.0					97	60	109	65	110	52	104	28	100	36	113	45	107	20	109	40
23	PR	240032	PR 240032	PR 210100	PR 180084	0.0					101	61	107	64	103	48	99	19	111	31	114	42				
24	PR	240051	PR 240051	BOS 177213	PR 220015	2.1					100	62	108	66	104	55	92	41	118	46	116	50	105	22	112	44
25	PR	240110	PR 240110	BOS 177213	PR 200053	0.0					105	62	96	67	114	55	104	36	113	46	117	50	96	28	111	46
26	PR	240133	PR 240133	BOS 177213	PR 190131	2.1					103	63	101	67	101	57	93	38	119	47	111	51	94	22	105	45

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value			
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc			
											★★★★★										
27	PR 240134	PR 240134	BOS 177213	PR 148346	0.0						108 60	101 65	108 56	91 32	112 41	112 48					
28	PR 240186	PR 240186	BOS 199424	PR 200126	0.0						87 63	119 67	106 53	86 30	111 36	112 47					
29	PR 240309	PR 240309	BOS 200298	PR 150067	0.0						93 62	114 65	103 51	86 15	112 30	110 42					
30	PR 240315	PR 240315	PR 210101	PR 210233	0.0						96 59	110 64	92 44	92 19	120 33	110 42					
31	PR 240426	PR 240426	PR 210150	PR 160016	0.0						104 60	107 63	94 50	107 21	105 31	110 43					
32	PR 240428	PR 240428	PD 210008	PR 130042	0.0						102 55	105 62	114 45	95 17	103 27	111 39					
											★★★★☆										
1	GH 190709	GH 190709	BOS 100484	GH 131468	0.0						109 69	108 68	86 71	95 31	105 49	102 54					
2	GH 190710	GH 190710	BOS 100484	GH 121303	0.0						111 69	108 69	84 75	97 31	103 50	102 55					
3	PR 160016	PR160016			0.0						96 58	86 56	113 74	116 32	99 32	100 47					
4	PR 160077	PR160077			0.0						105 60	90 55	134 73	101 29	94 29	108 46					
5	PR 170015	17015			0.0						82 59	108 57	125 74	82 37	107 26	106 47					
6	PR 170016	17016			0.0						104 58	92 56	112 73	95 32	109 29	105 46					
7	PR 170063	17063			0.0						90 61	89 59	137 73	102 32	102 29	108 47					
8	PR 190109	PR 190109	BOS 122346	PR 110101	0.0						95 70	104 70	102 74	91 43	107 55	101 58	98 22	96 51			
9	PR 190157	PR 190157	GH 160126	PR 100074	0.0						106 65	94 65	112 66	107 20	101 45	108 49					
10	PR 190276	PR 190276	AHD 140091	PR 130066	0.0						105 69	103 70	92 73	105 28	98 49	100 54					
11	PR 200038	PR 200038	GH 160126	PR 170090	0.0						97 63	102 65	124 66	98 32	96 44	108 50					
12	PR 200040	PR 200040	PB 160059	PR 170019	0.0						92 64	103 66	106 65	96 23	104 47	101 50					
13	PR 200051	PR 200051	PB 160059	PR 130020	0.0						112 67	88 66	98 65	114 23	101 47	101 50					
14	PR 200053	PR 200053	BC 160639	PR 120005	0.0						95 68	92 69	125 71	100 39	96 49	101 55	93 37	95 51			
15	PR 200079	PR 200079	BC 160639	PR 090106	0.0						103 70	93 70	114 71	99 29	104 47	105 54	102 37	101 51			
16	PR 200085	PR 200085	GH 160126	PR 170083	0.0						117 67	92 68	110 69	103 32	94 45	102 53					
17	PR 200091	PR 200091	BC 160639	PR 130071	0.0						104 65	91 66	118 66	118 38	94 47	109 53	96 37	103 50			
18	PR 200162	PR 200162	PD 150024	PR 170008	0.0						109 63	108 64	97 63	96 20	94 42	101 47					
19	PR 200172	PR 200172	BC 160639	PR 160007	0.0						106 68	90 68	121 69	109 29	97 48	108 53	88 37	100 50			
20	PR 200200	PR 200200	BC 160639	PR 120027	0.0						104 68	97 69	112 68	113 31	94 48	107 53	99 37	102 50			
21	PR 200210	PR 200210	BC 171044	PR 130042	0.0						79 66	115 67	120 68	80 32	99 43	100 52					
22	PR 200211	PR 200211	AHD 140091	PR 110030	0.0						97 68	107 69	102 71	100 40	96 48	101 55					
23	PR 200235	PR 200235	BC 160639	PR 110106	0.0						93 69	90 69	130 71	98 42	107 49	107 56	87 37	100 52			

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value									
Sorted on ID						Horned / Polled nt821 Q204X F94L Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
							★★★★☆																
24	PR	200301	PR	200301	AHD 140091	PR 130074	0.0	92	68	116	68	106	70	80	40	103	47	102	55				
25	PR	210135	PR	210135	PR 190012	PR 130091	0.0	112	66	91	67	83	68	120	38	113	43	107	53				
26	PR	210162	PR	210162	GH 180359	PR 180188	0.0	95	63	104	63	107	63	97	41	99	40	100	50				
27	PR	210165	PR	210165	GH 190705	PR 110106	0.0	110	63	87	64	98	63	116	48	101	41	101	52				
28	PR	210193	PR	210193	PR 190012	PR 160016	0.0	104	63	96	65	82	60	116	31	107	41	100	49				
29	PR	210220	PR	210220	GH 190705	PR 140016	0.0	110	65	100	66	117	64	84	47	94	40	100	52				
30	PR	210310	PR	210310	BC 160639	PR 180151	0.0	87	66	104	67	130	67	95	51	92	47	103	55	108	37	100	51
31	PR	220005	PR	220005	OBS 140279	PR 150024	0.0	107	68	99	68	84	67	109	50	111	47	104	56				
32	PR	220015	PR	220015	BOS 122346	PR 160077	0.0	88	68	108	68	113	69	88	57	106	52	104	58	101	22	100	51
33	PR	220042	PR	220042	GH 180359	PR 170008	0.0	99	62	98	63	102	63	112	52	105	41	108	52				
34	PR	220069	PR	220069	PR 190012	PR 170031	0.0	104	64	93	64	96	62	117	50	105	40	105	52				
35	PR	220080	PR	220080	BOS 122346	PR 180084	0.0	88	69	117	70	101	69	89	51	104	53	105	58	111	22	102	51
36	PR	220096	PR	220096	PB 190051	PR 190162	0.0	115	65	87	67	104	59	108	28	103	41	104	49				
37	PR	220105	PR	220105	PB 190051	PR 190224	0.0	106	62	98	65	104	50	99	21	105	35	106	44				
38	PR	220106	PR	220106	PB 190051	PR 190089	0.0	104	64	94	67	99	57	110	37	106	42	105	50				
39	PR	220115	PR	220115	BOS 088471	PR 190131	1.1	88	66	112	69	98	65	79	51	117	54	102	56	99	26	97	50
40	PR	220122	PR	220122	ONE 188011	PR 190095	1.0	82	62	114	64	99	56	97	34	106	43	103	48				
41	PR	220136	PR	220136	PB 190051	PR 190170	0.0	113	63	93	65	108	57	98	21	101	37	103	46				
42	PR	220145	PR	220145	PB 190051	PR 160035	0.0	112	63	87	65	120	58	95	66	99	35	101	53				
43	PR	220146	PR	220146	PB 190051	PR 170029	0.0	94	61	98	62	136	54	80	65	96	34	100	51				
44	PR	220168	PR	220168	BOS 088471	PR 110106	0.0	96	63	103	65	102	65	81	48	114	50	100	54	93	23	94	48
45	PR	220180	PR	220180	OBS 140279	PR 190038	0.9	88	66	114	68	79	61	120	43	104	49	106	53	104	20	103	46
46	PR	220190	PR	220190	OBS 140279	PR 190104	1.6	105	67	105	68	78	62	117	28	108	49	108	51				
47	PR	220200	PR	220200	PB 190051	PR 160084	0.0	112	63	96	64	114	52	87	27	103	36	104	46				
48	PR	220290	PR	220290	PR 190083	PR 120027	0.0	107	64	100	65	98	58	117	38	94	39	105	49				
49	PR	220328	PR	220328	PR 190083	PR 160011	0.0	88	61	103	62	116	55	96	38	99	37	101	47				
50	PR	220330	PR	220330	PR 190026	PR 170063	0.0	89	65	103	67	102	60	96	28	109	37	100	48				
51	PR	230027	PR	230027	PR 190107	PR 170091	0.0	96	60	98	62	112	57	103	32	102	35	104	46				
52	PR	230034	PR	230034	PR 200070	PR 180022	0.0	109	56	90	61	103	51	121	26	96	32	105	43				
53	PR	230038	PR	230038	PR 200070	PR 180052	0.0	98	59	97	63	118	54	105	13	101	32	109	42				
54	PR	230115	PR	230115	BOS 199424	PR 200041	0.6	90	63	117	66	85	52	89	35	111	38	101	48	110	22	98	43
55	PR	230128	PR	230128	CR 160021	PR 210071	0.0	105	64	102	67	95	56	114	38	100	43	107	50	87	23	99	45

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Inbreeding	Myostatin	Calving Ease	Calf Growth	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID					%	nt821 Horned / Polled Q204X F94L Genomic tested	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	
							★★★★★								
56	PR 230133	PR 230133	BC 190032	PR 200325	0.0		8962	10866	10551	10928	9638	10646	10024	10142	
57	PR 230145	PR 230145	PB 190051	PR 210137	0.0		10758	9561	11646	9534	10126	10442			
58	PR 230155	PR 230155	PB 190051	PR 200059	0.0		10460	9764	11945	10118	9533	10542			
59	PR 230158	PR 230158	BOS 088471	PR 190028	1.1		8364	11367	10560	8442	10751	10053	10326	9748	
60	PR 230163	PR 230163	BOS 199424	PR 210135	0.2		10063	10766	8152	9630	11636	10346			
61	PR 230190	PR 230190	BOS 199424	PR 190051	0.6		8464	12367	8754	7830	11539	10148	11322	9943	
62	PR 230191	PR 230191	BOS 088471	PR 190089	1.1		9163	11567	8858	9143	11151	10252	9926	9747	
63	PR 230194	PR 230194	CR 160021	PR 210072	0.0		8864	11967	9855	9040	10346	10451	10326	10046	
64	PR 230250	PR 230250	BC 190032	PR 170078	0.0		10160	9764	11153	11623	9532	10844	9020	10139	
65	PR 230317	PR 230317	OBS 140279	PR 160052	0.0		11164	9666	7759	11926	10941	10548			
66	PR 230318	PR 230318	BOS 199424	PR 148346	0.0		10061	10965	9754	8325	10731	10045			
67	PR 230325	PR 230325	OBS 140279	GH 190721	1.6		10864	10167	6756	12229	10745	10249			
68	PR 230408	PR 230408	PR 210109	PR 190080	2.0		8363	12266	10649	7729	11237	10746			
69	PR 230411	PR 230411		PR 210233	0.0		10249	9853	10932	10411	9422	10032			
70	PR 240007	PR 240007	PR 210109	PR 160077	0.0		10160	10262	11148	9323	10128	10342			
71	PR 240016	PR 240016	PR 210100	PR 180063	0.0		12060	8363	9346	12016	10130	10241			
72	PR 240025	PR 240025	PR 210100	PR 110026	0.0		10259	9962	10548	10517	10730	10941			
73	PR 240049	PR 240049	BOS 177213	PR 220017	2.1		8762	11566	10255	8139	11946	10950	10422	10544	
74	PR 240057	PR 240057	BOS 200298	PR 220011	0.4		8861	10365	10446	10026	10434	10044			
75	PR 240062	PR 240062	BOS 200298	PR 220031	0.4		8161	12165	10747	8430	10634	10645			
76	PR 240064	PR 240064	BOS 199424	PR 220005	0.9		9563	11566	8152	9233	11637	10447	10421	10042	
77	PR 240067	PR 240067	BOS 200298	PR 220042	0.4		8161	11365	10047	9230	10934	10245			
78	PR 240072	PR 240072	BOS 200011	PR 210328	0.7		9062	10966	10348	8533	10835	10046	10120	9641	
79	PR 240080	PR 240080	BOS 200298	PR 210277	0.2		7861	11566	10546	9326	10633	10344			
80	PR 240089	PR 240089	BOS 200298	PR 210356	0.1		7861	11465	10947	8629	11130	10544			
81	PR 240094	PR 240094	BOS 200011	PR 210355	0.2		9461	10365	10947	9232	10532	10245	9520	9740	
82	PR 240115	PR 240115	BOS 200298	PR 200254	0.0		9863	9266	10450	10925	10336	10045	8922	9440	
83	PR 240117	PR 240117	BOS 200011	PR 210165	1.4		10362	9465	10248	11033	10934	10845	8722	10040	
84	PR 240130	PR 240130	BOS 200011	PR 200211	1.4		9363	11267	10050	9529	10737	10746	10122	10341	
85	PR 240144	PR 240144	BOS 200011	PR 190048	0.4		8063	11567	10751	9324	11037	10846	9621	10241	
86	PR 240152	PR 240152	BOS 200298	PR 200197	0.0		8663	11067	11150	9225	10936	10846	10522	10441	
87	PR 240159	PR 240159	BOS 199424	PR 190037	0.6		7463	12966	10152	7231	10839	10047	11922	10042	

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						nt821 Horned / Polled Q204X F94L Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
							★★★★★								
88	PR 240161	PR 240161	BOS 200011	PR 160101	0.0		104 62	96 66	104 53	100 21	109 32	106 44	89 20	99 39	
89	PR 240162	PR 240162	BOS 199424	PR 190068	0.0		110 63	101 66	98 53	95 24	108 37	105 46			
90	PR 240167	PR 240167	BOS 199424	PR 200085	0.0		106 63	104 67	96 53	92 29	107 36	103 47			
91	PR 240170	PR 240170	BOS 200298	PR 200262	2.4		84 62	121 66	100 48	85 23	108 35	105 44			
92	PR 240176	PR 240176	BOS 200011	PR 200289	0.0		94 58	103 61	109 44	94 21	104 29	102 40	89 20	95 36	
93	PR 240205	PR 240205	BOS 199424	PR 190051	0.6		84 64	122 67	87 54	77 30	116 39	100 48	114 22	98 43	
94	PR 240221	PR 240221	PD 210008	PR 170039	0.0		116 54	98 62	97 46	105 13	100 27	106 39			
95	PR 240222	PR 240222	BOS 200011	PR 190276	1.4		100 63	104 67	97 51	102 25	108 37	107 46	91 22	100 41	
96	PR 240281	PR 240281	BOS 199424	PR 170085	0.0		102 61	109 65	87 54	91 21	112 31	104 44			
97	PR 240305	PR 240305	BOS 200011	PR 170121	0.0		102 61	100 64	110 51	95 21	103 30	104 43	89 20	97 38	
98	PR 240314	PR 240314	PR 210150	PR 130044	0.0		112 60	100 63	91 50	104 21	101 30	103 42			
99	PR 240403	PR 240403	BOS 088471	PR 190028	1.1		80 64	116 67	104 60	83 42	108 51	100 53	106 26	97 48	
100	PR 240464	PR 240464	PR 210086	PR 190240	3.4		104 57	101 60	108 43	95 20	97 27	101 39			
101	PR 240470	PR 240470	PR 210086	PR 170063	0.0		95 58	99 61	123 45	95 14	98 23	104 38			
102	PR 240474	PR 240474	PR 210099	PR 210093	0.0		100 57	105 60	92 46	111 28	103 34	106 42			
103	PR 240507	PR 240507	PR 210150	PR 180155	0.0		111 61	109 64	92 49	97 23	100 34	104 44			
							★★★★								
1	GH 180350	GH 180350	BOS 100484	GH 110039	0.1		112 68	101 72	81 76	102 32	100 50	95 56			
2	GH 180357	GH 180357	BOS 100484	GH 121077	0.0		96 63	113 67	88 72	91 31	101 51	95 53			
3	GH 180363	18 0363	BOS 100484		0.0		110 64	106 62	86 71	92 31	106 45	99 51			
4	PR 160101	PR160101			0.0		111 64	89 62	105 78	101 16	102 33	99 48			
5	PR 170039	17039			0.0		100 58	106 56	103 74	91 31	91 29	93 46			
6	PR 170091	17091			0.0		97 54	89 52	120 70	89 39	102 26	94 45			
7	PR 180029	18 0029			0.0		121 55	91 53	74 70	109 31	108 25	97 44			
8	PR 180155	PR 180155		PR 110049	0.0		109 65	90 65	111 72	99 32	88 42	91 52			
9	PR 190030	PR 190030	PB 160059	PR 160089	0.0		109 70	95 71	72 74	122 25	103 50	97 54			
10	PR 190051	PR 190051	BOS 122346	PR 160052	0.0		80 71	112 71	101 75	80 43	112 54	96 58	100 22	92 51	
11	PR 190088	PR 190088	GH 160126	PR 140051	0.0		125 66	86 67	98 68	114 20	86 45	95 50			
12	PR 190101	PR 190101	PD 150024	PR 140032	0.0		108 69	108 67	101 69	88 21	92 46	97 51			
13	PR 190113	PR 190113	PB 160059	PR 140020	0.0		97 69	99 69	94 73	99 24	102 49	94 53			

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc		Acc						
									★★★★																	
14	PR 190131	PR 190131	BOS 122346	PR 100081	0.0					85	71	103	72	101	75	81	48	109	55	90	60	90	22	84	52	
15	PR 190134	19 134	PB 160059		0.0					98	60	96	60	91	70	101	23	107	39	94	47					
16	PR 190151	PR 190151	AHD 140091	PR 110113	0.0					100	68	109	67	100	70	93	27	95	49	98	53					
17	PR 190160	19 160	CM 130234		0.0					102	60	104	59	96	69	93	28	104	38	99	47	100	22	94	42	
18	PR 190162	PR 190162	PB 160059	PR 100044	0.0					112	70	85	71	83	74	121	26	103	50	96	55					
19	PR 190165	PR 190165	GH 160126	PR 140043	0.0					113	67	94	68	102	69	110	20	83	45	93	51					
20	PR 190199	19 199	AHD 140091		0.0					114	57	94	57	81	66	106	27	99	38	92	46					
21	PR 190222	PR 190222	AHD 140091	PR 120027	0.0					116	70	99	70	82	70	118	28	84	48	93	54					
22	PR 190236	19 236	PD 150024		0.0					106	58	101	57	93	68	95	15	93	33	91	44					
23	PR 190267	PR 190267	PB 160059	PR 150028	0.0					97	61	96	63	102	55	108	23	99	39	99	45					
24	PR 200001	20 001	CM 130234		0.0					94	57	105	57	88	66	100	31	104	40	95	47	95	22	90	42	
25	PR 200041	PR 200041	BOS 122346	PR 140048	0.0					93	68	103	68	95	68	104	53	104	54	99	57	97	22	94	50	
26	PR 200054	PR 200054	BC 160639	PR 150056	0.0					121	68	83	68	104	69	99	38	97	48	93	54	80	37	85	51	
27	PR 200080	PR 200080	BC 160639	PR 150106	0.0					129	69	79	68	96	70	113	39	88	48	91	55	80	37	83	51	
28	PR 200093	PR 200093	BC 160639	PR 130096	0.0					104	67	88	67	117	69	110	29	87	48	96	52	87	37	89	49	
29	PR 200102	PR 200102	PD 150024	PR 170063	0.0					96	66	109	64	106	60	95	17	91	42	98	47					
30	PR 200184	PR 200184	BC 160639	PR 160028	0.0					110	68	85	67	105	67	118	29	82	47	90	52	81	37	83	49	
31	PR 200254	PR 200254	BC 160639	PR 150058	0.0					115	68	79	68	102	70	126	39	93	49	98	55	80	37	89	51	
32	PR 200304	PR 200304	CM 130234	PR 160016	0.0					90	66	105	67	86	67	115	39	100	47	98	53	93	22	92	47	
33	PR 210083	PR 210083	GH 190711	PR 148346	0.0					101	65	116	66	104	63	68	47	98	41	94	52	111	20	92	46	
34	PR 210093	PR 210093	BOS 122346	PR 160089	0.0					95	70	108	70	69	73	98	51	110	54	91	59	92	22	86	52	
35	PR 210096	PR 210096	BOS 122346	PR 160084	0.0					94	68	115	69	88	70	69	60	109	53	90	59	103	22	87	52	
36	PR 210126	PR 210126	GH 180359	PR 180206	0.0					87	62	109	63	100	63	105	52	91	42	96	52					
37	PR 210194	PR 210194	BOS 144062	PR 100081	0.0					97	64	104	68	99	68	90	55	100	49	94	56	88	22	88	49	
38	PR 210236	PR 210236	GH 190705	PR 110030	0.0					111	60	95	63	94	57	103	26	94	39	94	46					
39	PR 210293	PR 210293	GH 190705	PR 140004	0.0					100	64	94	65	124	64	100	47	87	41	98	52					
40	PR 220033	PR 220033	BOS 122346	PR 150019	0.0					78	67	111	67	116	68	89	57	88	51	91	57	102	22	87	50	
41	PR 220052	PR 220052	PR 190012	PR 180134	0.0					104	62	91	64	89	59	114	38	96	38	91	49					
42	PR 220061	PR 220061	GH 180359	PR 170072	0.0					107	59	97	60	95	56	110	30	88	39	94	46					
43	PR 220099	PR 220099	PB 190051	PR 190154	0.0					99	65	97	67	106	59	90	31	105	41	97	49					
44	PR 220100	PR 220100	ONE 188011	PR 190150	1.8					95	62	99	64	93	55	111	36	103	43	99	49					
45	PR 220104	PR 220104	BOS 122346	PR 190101	1.6					86	67	120	68	99	64	74	52	104	53	95	56	106	22	92	49	

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Inbreeding	Myostatin	Calving Ease	Calf Growth	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID					%	nt821 Horned / Polled Q204X F94L Genomic tested	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	
							★★★★								
46	PR 220109	PR 220109	ONE 188011	PR 190284	0.0		9860	10761	9854	10133	8540	9146			
47	PR 220112	PR 220112	PR 180040	PR 190022	0.0		11760	8362	8654	12033	9636	9346			
48	PR 220129	PR 220129	ONE 188011	PR 180108	0.0		9160	10261	11255	8132	9938	9046			
49	PR 220132	PR 220132	ONE 188011	PR 190037	1.2		7162	12564	12256	6340	10144	9750			
50	PR 220133	PR 220133	BOS 122346	PR 190063	25.1		9566	11566	8356	7848	11055	9354	10524	9048	
51	PR 220143	PR 220143	BOS 122346	PR 190065	0.4		8067	11668	8563	8952	10554	9156	10322	8849	
52	PR 220167	PR 220167	PR 190083	PR 100081	0.0		9264	9864	11559	8340	9939	9150			
53	PR 220195	PR 220195	PR 190026	PR 190075	0.2		9363	10965	8356	9633	10439	9348			
54	PR 220220	PR 220220	PR 190024	PR 190008	0.0		11559	7961	8655	11830	10034	9045			
55	PR 220241	PR 220241	PR 190026	PR 170067	0.0		10163	9764	8657	11328	9936	9547			
56	PR 220275	PR 220275	PR 190012	PR 160090	0.0		10762	9264	8558	11938	10038	9749			
57	PR 220288	PR 220288	PR 190026	PR 180123	0.0		10564	9965	8459	10128	9836	9047			
58	PR 220293	PR 220293	PR 190083	PR 180206	0.0		8461	10660	10946	9730	9338	9344			
59	PR 220308	PR 220308	PR 190083	PR 138352	0.0		9662	10464	9557	9538	10037	9348			
60	PR 220344	PR 220344	PR 190026	PR 170012	0.0		9464	10766	9160	8428	10736	9148			
61	PR 220353	PR 220353	PR 190026	PR 128077	0.0		10263	9764	8157	11228	9836	9147			
62	PR 230024	PR 230024	PR 190117	PR 170075	0.0		9557	9256	10240	10414	10134	9338			
63	PR 230053	PR 230053	PR 200709	PR 170074	0.0		9056	10059	10742	9723	9337	9041			
64	PR 230062	PR 230062	PR 200709	PR 110026	0.0		8958	10560	10648	9424	9631	9442			
65	PR 230079	PR 230079		PR 200078	0.0		11250	8654	11335	11819	8426	9935			
66	PR 230084	PR 230084	BOS 199424	PR 200057	0.0		9763	11066	8951	9524	10436	9945			
67	PR 230085	PR 230085	BOS 122346	PR 200038	0.0		8165	11667	10458	8447	10150	9753	10622	9447	
68	PR 230086	PR 230086	BOS 122346	PR 200085	0.0		9066	11367	9659	8447	10050	9354	10122	9048	
69	PR 230097	PR 230097	BOS 122346	PR 200037	0.0		8866	10658	10455	8746	9949	9251	10230	8947	
70	PR 230100	PR 230100	BOS 122346	PR 200104	0.0		9165	10967	9857	8944	9549	9052	9722	8646	
71	PR 230101	PR 230101	OKT 160004	PR 200172	0.0		9265	9467	11955	10338	9442	9750	8833	9147	
72	PR 230107	PR 230107	OKT 160004	PR 200178	0.0		8363	10466	12252	9436	8841	9448	9525	8943	
73	PR 230124	PR 230124	OKT 160004	PR 200200	0.0		9265	9167	11854	11238	9342	9950	8933	9347	
74	PR 230136	PR 230136	BOS 122346	PR 200235	0.0		8166	10968	10760	8549	10750	9654	10030	9249	
75	PR 230159	PR 230159	BOS 122346	PR 190068	0.0		9466	10967	9959	8644	10150	9553	10122	9147	
76	PR 230165	PR 230165	BOS 122346	PR 200175	0.7		9266	11067	9458	8845	10050	9253	10322	8947	
77	PR 230167	PR 230167	OKT 160004	PR 200332	0.0		10964	8666	11053	11138	9242	9749	8433	9046	

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Inbreeding	Myostatin	Calving Ease	Calf Growth	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID					%	nt821 Horned / Polled Q204X F94L Genomic tested	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	
							★★★★								
78	PR 230189	PR 230189	OKT 160004	PR 190160	0.1		9063	9965	10855	9837	9840	9449	9228	8845	
79	PR 230197	PR 230197	BOS 122346	PR 190137	0.0		8666	11568	10160	8545	10351	9954	10422	9548	
80	PR 230199	PR 230199	BOS 122346	PR 180048	0.0		9263	11364	8758	8743	10146	9051	9722	8645	
81	PR 230203	PR 230203	OKT 160004	PR 110106	0.0		9162	9465	11256	9438	9739	9149	8425	8444	
82	PR 230215	PR 230215	BOS 122346	PR 190157	0.0		9065	10867	9958	8944	10450	9653	9822	9147	
83	PR 230216	PR 230216	BOS 122346	GH 190709	1.5		9067	11368	8860	8546	10551	9254	10624	9048	
84	PR 230242	PR 230242	OKT 160004	PR 180188	0.0		8962	9964	11854	9436	9337	9447	8725	8743	
85	PR 230246	PR 230246	OKT 160004	PR 160066	0.0		9963	9266	11256	10135	9038	9148	8525	8443	
86	PR 230249	PR 230249	BOS 122346	PR 160016	0.0		8464	10966	9760	8944	10348	9252	9722	8746	
87	PR 230256	PR 230256	BOS 122346	PR 190101	1.6		8766	11967	9359	8045	9950	9153	10522	8947	
88	PR 230257	PR 230257	BOS 122346	PR 190224	0.7		8666	11267	8659	8845	10551	9153	10222	8747	
89	PR 230261	PR 230261	OKT 160004	PR 190283	0.2		9464	9467	10554	10037	9843	9250	8826	8545	
90	PR 230281	PR 230281	PR 200201	PR 200254	0.0		10359	8962	9746	12224	9533	9742	8022	8838	
91	PR 230282	PR 230282	PR 210109	PR 200307	0.0		10161	10165	8646	10029	10134	9244			
92	PR 230302	PR 230302	BOS 122346	PR 160047	0.0		8965	11167	9361	9043	10247	9353	9522	8847	
93	PR 230328	PR 230328	PR 200708	PR 150016	0.0		9656	10559	10445	9323	9630	9540			
94	PR 230335	PR 230335	PR 200710	GH 190710	0.0		10759	10463	8546	10319	9732	9542			
95	PR 230338	PR 230338	OKT 160004	PR 190151	0.5		9365	9767	11155	10037	9443	9350	9226	8845	
96	PR 230368	PR 230368	OKT 160004	PR 160065	0.0		8963	9964	12855	9035	9138	9548	9525	9043	
97	PR 230398	PR 230398	PR 200201	PR 170121	0.0		10257	9460	10547	10314	9224	9339			
98	PR 230424	PR 230424	PR 200708	PR 130042	0.0		9256	9859	11945	9326	9730	9841			
99	PR 230425	PR 230425	PR 210109	PR 180174	0.0		9661	10564	9548	9320	9831	9242			
100	PR 230433	PR 230433	PR 210109	PR 180186	0.0		9959	9961	9544	9221	10126	9040			
101	PR 230443	PR 230443	PR 210109	PR 190104	0.0		9261	11065	9347	9123	10335	9644			
102	PR 230460	PR 230460	PR 200708	PR 100102	0.0		10056	10059	10246	9723	9729	9540			
103	PR 240015	PR 240015	PR 210109	PR 170091	0.0		9959	10361	10247	8722	10428	9741			
104	PR 240045	PR 240045	BOS 200011	PR 210214	1.4		9961	9865	8947	9728	10334	9044	8522	8340	
105	PR 240047	PR 240047	BOS 200011	PR 210133	0.0		11160	8964	9344	11327	9933	9643	7820	8838	
106	PR 240052	PR 240052	BOS 188154	PR 210331	0.6		9364	11267	8456	9339	10140	9350	9728	8846	
107	PR 240053	PR 240053	BOS 200011	PR 220008	1.1		8262	11165	10147	8533	10838	9646	9524	9142	
108	PR 240056	PR 240056	BOS 200011	PR 210124	0.0		10261	9365	9845	11227	9933	9844	8120	9039	
109	PR 240063	PR 240063	BOS 199424	PR 210261	0.0		9862	11066	8850	8933	10334	9546			

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc								
Sorted on ID				nt821			Q204X	F94L										Genomic tested						
								★★★★																
110	PR 240091	PR 240091	BOS 200298	PR 210256	0.4				78	61	109	65	101	45	93	26	101	34	93	44				
111	PR 240098	PR 240098	BOS 200298	PR 210313	0.0				92	57	99	61	102	43	92	15	103	27	93	39				
112	PR 240105	PR 240105	BOS 199424	PR 210123	0.5				79	63	129	66	93	51	69	32	104	37	94	47	120	22	94	42
113	PR 240109	PR 240109	BOS 200298	PR 200188	0.0				93	61	103	66	95	48	91	23	101	34	90	44				
114	PR 240113	PR 240113	BOS 200298	PR 190162	0.2				95	63	99	67	92	51	100	21	108	36	97	45				
115	PR 240121	PR 240121	BOS 200011	PR 220083	0.7				99	62	100	64	95	47	98	32	106	32	98	45	92	20	92	40
116	PR 240131	PR 240131	BOS 200298	PR 190170	0.4				94	61	104	65	95	48	94	20	105	33	96	43				
117	PR 240135	PR 240135	BOS 122346	PR 200247	0.0				87	62	111	63	105	56	83	43	105	45	98	50	102	22	94	44
118	PR 240140	PR 240140	BOS 122346	PR 200098	0.0				96	66	100	67	100	59	90	46	103	51	93	54	95	30	88	49
119	PR 240148	PR 240148	BOS 199424	PR 190197	0.4				103	61	106	64	80	50	96	25	109	34	97	44	100	20	92	39
120	PR 240149	PR 240149	BOS 200011	PR 160008	0.0				107	61	101	65	101	52	93	21	100	31	99	44	90	20	92	39
121	PR 240154	PR 240154	BOS 188154	GH 190701	1.2				93	66	114	69	81	60	96	33	98	43	92	51	97	28	87	46
122	PR 240163	PR 240163	BOS 200298	PR 210025	0.0				84	60	110	64	101	42	90	15	102	33	95	41				
123	PR 240171	PR 240171	BOS 200298	PR 210030	0.0				86	61	108	66	92	47	95	25	102	35	92	44				
124	PR 240180	PR 240180	BOS 122346	PR 200239	0.0				83	66	116	67	99	59	80	48	99	50	91	54	109	30	89	49
125	PR 240189	PR 240189	BOS 199424	PR 200252	0.1				91	63	117	66	82	52	87	29	108	37	95	46	104	23	92	41
126	PR 240193	PR 240193	BOS 199424	PR 160052	0.0				101	62	101	65	90	55	94	21	110	32	98	44				
127	PR 240204	PR 240204	BOS 199424	PR 100081	0.0				98	62	106	65	83	55	86	27	108	33	90	46				
128	PR 240211	PR 240211	BOS 200298	PR 190199	0.4				94	61	106	65	91	48	93	20	106	32	95	43				
129	PR 240213	PR 240213	BOS 199424	PR 200214	0.0				101	59	101	62	85	49	97	21	107	29	95	42				
130	PR 240216	PR 240216	BOS 122346	PR 170012	0.0				75	64	117	65	110	60	76	44	104	46	95	52	110	22	93	46
131	PR 240217	PR 240217	BOS 199424	PR 140027	0.0				103	62	104	65	101	54	86	23	101	32	96	45				
132	PR 240219	PR 240219	BOS 122346	PR 200115	0.0				74	66	118	67	107	59	78	48	102	51	93	54	108	30	91	49
133	PR 240231	PR 240231	BOS 122346	PR 200125	0.0				89	66	106	67	96	59	88	47	103	50	91	54	100	30	87	49
134	PR 240233	PR 240233	PR 210330	PR 210137	0.0				113	54	90	58	105	41	96	11	91	20	90	35				
135	PR 240288	PR 240288	PR 210101	PR 220075	0.8				97	58	104	64	76	43	109	26	103	33	94	42				
136	PR 240310	PR 240310	BOS 200298	PR 150063	0.0				96	62	105	66	101	52	87	15	99	30	93	43				
137	PR 240313	PR 240313	PR 210109	PR 200173	2.0				98	60	119	64	96	45	82	21	98	32	99	42				
138	PR 240328	PR 240328	PR 210109	PR 200054	0.0				111	62	100	65	94	47	91	28	103	34	97	45	98	22	92	40
139	PR 240399	PR 240399	PR 210101	PR 210215	0.0				95	58	112	64	85	42	96	24	105	32	98	42				
140	PR 240418	PR 240418	PR 210101	PR 220061	0.8				105	58	103	64	81	43	99	21	106	32	96	41				
141	PR 240429	PR 240429	PR 210109	PR 200041	2.0				98	62	109	65	90	47	93	33	106	36	99	46				

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc		Acc						
									★★★★																	
142	PR	240436	PR 240436	PR 210086	PR 170002	0.0					101	55	103	59	108	42	93	12	91	22	96	36				
143	PR	240468	PR 240468	PR 210109	PR 180186	0.0					104	59	93	61	98	44	99	21	101	26	92	40				
144	PR	240476	PR 240476	PR 210086	PR 180012	0.0					101	56	102	60	114	44	88	15	90	22	94	38				
145	PR	240482	PR 240482	PR 210109	PR 200310	0.0					108	61	105	64	85	46	95	24	104	34	99	43				
146	PR	240486	PR 240486	PR 210095	PR 200001	0.0					94	56	116	59	78	43	92	19	100	27	91	39				
147	PR	240488	PR 240488	PR 210330	PR 200172	0.0					109	59	98	62	106	45	95	19	92	31	96	41	97	22	91	37
148	PR	240517	PR 240517	PR 210095	GH 180363	0.0					102	58	114	48	78	44	88	19	100	30	92	37				
149	PR	240523	PR 240523	PR 210150	PR 180124	0.0					116	58	100	47	86	43	102	19	99	28	98	37				
									★★★★☆																	
1	GH	190701	GH 190701	BOS 100484	GH 131459	0.0					106	69	101	69	94	74	100	33	87	51	89	55				
2	GH	190721	GH 190721	AHD 140091	GH 131312	0.0					105	64	98	65	74	67	113	27	94	46	87	50				
3	PR	140004	PR140004			0.0					93	63	89	59	134	76	95	32	81	32	88	49				
4	PR	140027	PR140027			0.0					109	62	88	58	122	74	89	33	83	27	86	47				
5	PR	150024	PR150024			0.0					110	63	82	56	108	73	102	30	94	32	89	47				
6	PR	170083	17083			0.0					115	58	78	56	105	73	103	32	89	31	84	47				
7	PR	180063	PR 180063		PR 110030	0.0					128	64	69	62	93	68	126	16	83	32	84	46				
8	PR	190022	19 022	CM 130234		0.0					108	60	95	59	80	70	103	31	101	41	88	49	83	22	81	44
9	PR	190118	PR 190118	BOS 122346	PR 110034	0.0					95	71	100	71	101	75	91	43	96	55	88	58	88	22	82	51
10	PR	190129	PR 190129	PB 160059	PR 100275	0.0					97	70	94	70	92	73	108	23	93	50	87	54				
11	PR	190154	PR 190154	CM 130234	PR 160101	0.0					93	70	103	71	88	74	96	32	97	50	86	56	93	22	81	49
12	PR	200055	PR 200055	BC 160639	PR 170045	0.0					101	67	84	66	112	66	115	29	82	47	87	51	83	37	80	48
13	PR	200252	PR 200252	CM 130234	PR 140020	0.0					93	67	105	67	87	69	95	36	95	48	85	53	90	22	79	47
14	PR	200287	PR 200287	CM 130234	PR 110049	0.0					100	68	101	68	86	70	99	28	99	48	89	53	86	22	83	47
15	PR	200307	PR 200307	CM 130234	PR 160058	0.0					105	66	93	67	82	67	112	40	92	46	86	53	81	22	78	47
16	PR	210108	PR 210108	GH 180359	PR 180012	0.0					96	63	103	64	105	64	89	41	83	41	82	51				
17	PR	210123	PR 210123	BOS 100193	PR 140027	0.0					85	68	117	66	111	64	64	47	88	49	81	54	113	22	81	48
18	PR	210145	PR 210145	BOS 122346	PR 130032	0.0					71	68	121	69	107	70	68	60	99	52	86	59	110	22	85	52
19	PR	210175	PR 210175	GH 180359	PR 190008	0.0					102	63	95	64	82	64	109	43	93	41	85	51				
20	PR	210261	PR 210261	PR 180040	PR 180155	0.0					116	63	86	65	100	61	105	64	85	39	86	54				
21	PR	210328	PR 210328	PR 190012	PR 140029	0.0					88	65	107	66	106	64	77	52	97	41	86	53				

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc		
Sorted on ID							nt821	Q204X										F94L
								★★★★										
22	PR 210331	PR 210331	GH 190711	PR 130098	0.0				10164	9965	10061	9346	9341	8851	10520	8645		
23	PR 220017	PR 220017	BOS 122346	PR 170091	0.0				7767	11168	10668	6951	10952	8957	9722	8550		
24	PR 220030	PR 220030	BOS 122346	PR 150049	0.0				10167	9466	7367	10557	10252	8357	8322	7650		
25	PR 220037	PR 220037	PR 190012	PR 160057	0.0				11364	9064	8263	11147	9540	8852				
26	PR 220062	PR 220062	PR 190012	PR 170027	0.0				10364	9364	8163	10150	10640	8852				
27	PR 220083	PR 220083	PR 190012	PR 180109	0.0				10463	9454	8860	9947	9433	8347				
28	PR 220131	PR 220131	BOS 122346	PR 190032	0.4				8067	10768	9362	9352	10353	8856	9522	8449		
29	PR 220163	PR 220163	BOS 100193	PR 100106	0.0				8964	10763	10358	7639	10147	8850	10422	8544		
30	PR 220170	PR 220170	BOS 122346	PR 130044	0.0				8166	10766	9565	8352	10251	8355	9522	7948		
31	PR 220183	PR 220183	PR 190026	PR 190114	12.5				8865	11267	8258	8130	10241	8249				
32	PR 220202	PR 220202	BOS 122346	PR 130083	0.0				8864	10165	11060	8144	9848	8752	9922	8346		
33	PR 220239	PR 220239	PR 190026	PR 160089	0.0				10765	10165	7054	10320	9938	8646				
34	PR 220354	PR 220354	PR 190012	PR 180186	0.0				10462	9353	7756	11238	10032	8845				
35	PR 220367	PR 220367	PR 190012	PR 130057	0.0				11062	9464	8359	9438	9739	8249				
36	PR 220384	PR 220384	PR 190026	PR 140038	0.0				9963	10065	8558	8728	10436	8547				
37	PR 230083	PR 230083	BOS 122346	PR 200287	0.0				8466	11467	8559	8445	10350	8753	10024	8347		
38	PR 230121	PR 230121	BOS 122346	PR 210032	0.0				8165	11167	8658	8648	10350	8453	9524	8047		
39	PR 230166	PR 230166	OKT 160004	PR 150106	0.0				11663	8464	9954	10736	8938	8848	7725	8043		
40	PR 230172	PR 230172	PR 200201	PR 200188	0.0				9858	9862	8844	10222	9330	8541				
41	PR 230186	PR 230186	BOS 122346	PR 138352	0.0				9164	11065	8259	8744	10046	8452	9622	8046		
42	PR 230220	PR 230220	BOS 122346	PR 190173	0.6				8365	10466	8357	9245	10150	8053	9024	7547		
43	PR 230226	PR 230226	OKT 160004	PR 160058	0.0				10563	8365	10256	11337	9038	8748	7725	7943		
44	PR 230240	PR 230240	BOS 122346	PR 170067	0.0				9063	10353	9656	8944	9645	8548	9422	8043		
45	PR 230244	PR 230244	BOS 122346	PR 140004	0.0				8165	11466	10661	8045	9447	8853	10322	8547		
46	PR 230251	PR 230251	BOS 122346	PR 160076	0.0				8763	10664	9358	8644	9546	8151	9522	7745		
47	PR 230263	PR 230263	BOS 100193	GH 190701	0.0				8865	12168	9059	7541	9647	8752	11824	8846		
48	PR 230269	PR 230269	BOS 122346	PR 140027	0.0				8565	11366	10361	7944	9447	8753	9922	8347		
49	PR 230383	PR 230383	OKT 160004	PR 170002	0.0				9661	9163	11353	10135	9037	8947	8625	8343		
50	PR 230391	PR 230391	PR 200708	PR 110042	0.0				10256	9859	8745	9721	9529	8540				
51	PR 230392	PR 230392	PR 200092	PR 200315	0.0				10256	10060	9942	9419	8931	8739				
52	PR 230394	PR 230394	PR 200092	PR 200047	0.0				9452	10756	10638	8411	9021	8834				
53	PR 230413	PR 230413	PR 200710	PR 190154	0.0				9859	10262	8646	9919	9531	8541				

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc								
Sorted on ID							nt821	Q204X	F94L										Genomic tested						
								★★★★																	
54	PR 230435	PR 230435	PR 200710	PR 190210	0.0					98	58	104	62	77	45	104	18	89	31	82	41				
55	PR 230445	PR 230445	PR 200708	PR 190105	12.5					90	58	102	61	92	44	91	31	95	37	81	43				
56	PR 230454	PR 230454	PR 200708	PR 180211	0.0					95	56	97	59	85	41	109	22	88	31	81	40				
57	PR 240050	PR 240050	BOS 200298	PR 210097	0.0					90	58	98	63	101	41	100	21	95	30	88	40				
58	PR 240100	PR 240100	BOS 200298	PR 210111	0.4					82	61	112	65	100	44	83	24	95	33	87	43				
59	PR 240141	PR 240141	BOS 200298	PR 190008	0.0					93	60	96	64	93	50	97	19	103	30	88	42				
60	PR 240142	PR 240142	BOS 200298	PR 170078	0.0					94	60	99	64	93	49	98	15	100	30	89	42				
61	PR 240155	PR 240155	BOS 122346	PR 180123	0.0					88	63	106	65	99	59	85	44	99	46	88	51	97	22	84	45
62	PR 240181	PR 240181	BOS 200298	GH 190722	0.4					84	62	111	67	95	47	94	20	92	35	88	44				
63	PR 240229	PR 240229	PR 210101	PR 220010	0.8					91	58	110	64	83	42	91	26	99	33	87	42				
64	PR 240479	PR 240479	PR 210095	PR 180074	0.0					95	55	112	58	82	43	89	12	90	21	81	36				
65	PR 240480	PR 240480	PR 210095	PR 160066	0.0					103	57	108	61	89	46	91	10	92	23	89	38				
66	PR 240485	PR 240485	PR 210086	PR 190210	0.0					102	59	101	62	92	45	100	19	91	31	88	41				
67	PR 240489	PR 240489	PR 210109	PR 210028	0.0					103	62	107	65	79	47	95	28	98	34	88	45				
								★★★																	
1	PR 190008	19 0008			0.0					112	55	78	53	83	70	114	32	93	26	78	44				
2	PR 190210	PR 190210	CM 130234	PR 150062	0.0					101	69	97	69	73	72	113	28	87	49	78	54	79	22	71	48
3	PR 200109	PR 200109	BC 171044	PR 110062	0.0					124	65	86	66	69	68	96	29	96	43	75	51				
4	PR 200188	PR 200188	BC 171044	PR 130008	0.0					107	64	99	66	84	64	91	29	89	41	78	50				
5	PR 210028	PR 210028	CM 130234	PR 138459	0.0					103	68	100	68	73	69	104	39	85	47	75	54	82	22	69	48
6	PR 210111	PR 210111	GH 190711	PR 130064	0.0					101	64	103	63	96	55	84	34	78	41	73	48	101	20	70	42
7	PR 210239	PR 210239	GH 190706	PR 160058	0.0					114	62	84	63	71	62	123	44	86	40	78	50				
8	PR 210272	PR 210272	GH 190706	PR 150034	0.0					123	61	82	62	59	61	105	47	97	40	71	50				
9	PR 220010	PR 220010	GH 180359	PR 180223	0.0					97	59	99	61	99	53	98	41	73	40	74	47				
10	PR 220390	PR 220390	PR 190141	PR 130068	0.0					107	60	98	61	86	57	91	28	85	36	75	45				
								★★★																	
1	PR 210214	PR 210214	GH 190706	PR 160002	0.0					104	60	95	61	72	60	91	34	88	40	65	48				

Selection List on Cow Value

Bull Calves younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc									
Sorted on ID							nt821	Q204X	F94L																			
												★★★★★																
1	PR 250164	PR 250164	BOS 177213	PR 190080	2.1							90	63	123	68	109	57	80	37	122	47	122	51	122	22	121	45	
												★★★★★																
1	PR 250058	PR 250058	BOS 200011	PR 140013	0.0							113	63	97	66	112	53	96	21	115	32	118	45	99	20	112	40	
2	PR 250170	PR 250170	BOS 177213	PR 210077	0.0							98	61	111	66	121	53	90	39	108	44	119	49					
3	PR 250171	PR 250171	BOS 177213	PR 210083	0.7							108	61	113	66	100	53	81	39	113	43	111	49	109	22	108	44	
4	PR 260018	PR 260018	PR 210100	PR 180084	0.0							105	61	103	54	104	47	102	19	111	31	115	40					
5	PR 260030	PR 260030	PR 210100	PR 160077	0.0							109	59	95	51	112	47	103	19	107	29	112	39					
												★★★★★																
1	PR 250071	PR 250071	BOS 200011	PR 220328	0.5							89	61	112	65	105	45	90	29	107	33	105	44	98	22	100	40	
2	PR 250085	PR 250085	BOS 200011	PR 180188	0.0							100	60	100	53	111	48	93	22	105	30	105	40	89	20	98	36	
3	PR 250130	PR 250130	BOS 200298	PR 200301	0.4							78	63	126	66	99	50	76	26	107	35	101	45					
4	PR 250138	PR 250138	BOS 200011	PR 200337	0.0							105	59	100	62	95	46	96	21	111	28	104	41	92	20	97	37	
5	PR 250139	PR 250139	BOS 200298	PR 200126	0.0							78	63	126	66	109	49	80	24	107	34	108	45					
6	PR 250144	PR 250144	BOS 200011	PR 160065	0.0							97	61	105	64	120	50	88	21	103	31	108	43	98	20	102	38	
7	PR 250148	PR 250148	BOS 200298	PR 190007	0.0							90	60	109	64	99	49	93	17	105	28	100	42					
8	PR 250180	PR 250180	PR 210150	PR 220163	0.4							95	61	117	53	90	43	85	27	105	34	100	41					
9	PR 250315	PR 250315	PR 220219	PR 210165	0.1							112	57	96	61	89	43	103	26	108	27	102	40					
10	PR 250345	PR 250345	PR 210100	PR 180012	0.0							114	59	91	62	106	47	98	18	102	28	102	41					
11	PR 250349	PR 250349	PR 210100	GH 180363	1.5							109	61	102	64	90	47	99	22	112	34	107	43					
12	PR 260008	PR 260008	PR 210100	PR 200184	0.0							111	61	93	54	98	45	113	21	100	34	104	40	82	23	96	37	
13	PR 260012	PR 260012	PR 210100	PR 150024	0.0							111	60	91	51	99	47	103	19	106	29	102	39					
14	PR 260013	PR 260013	PR 210100	PR 190101	0.1							111	61	104	54	95	46	96	19	105	33	106	40					
												★★★★★																
1	PR 250074	PR 250074	PR 210101	PR 220129	1.1							81	58	115	64	90	42	81	24	111	31	94	42					
2	PR 250082	PR 250082	BOS 200011	PR 160008	0.0							112	61	92	65	105	52	98	21	99	30	98	43	85	20	91	38	
3	PR 250094	PR 250094	BOS 200298	PR 200254	0.0							91	63	101	66	101	50	98	25	102	36	96	45	96	22	91	40	

Selection List on Cow Value

Bull Calves younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID							nt821	Q204X	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
											★★★																
4	PR	250127	PR 250127	BOS 122346	PR 170012	0.0					73	64	121	65	108	60	73	44	104	46	95	52	113	22	94	46	
5	PR	250143	PR 250143	BOS 122346	PR 210198	0.7					92	64	103	66	89	56	97	50	103	48	92	53	95	22	87	47	
6	PR	250167	PR 250167	BOS 200298	PR 190113	0.2					86	63	111	67	95	50	88	20	107	36	96	45					
7	PR	250215	PR 250215	BOS 122346	PR 220015	25.1					82	66	114	67	99	59	80	52	106	51	94	55	107	24	92	49	
8	PR	250253	PR 250253	PR 210330	PR 220031	3.4					106	57	107	61	105	42	87	29	93	27	97	41					
9	PR	250288	PR 250288	BOS 200298	GH 180350	0.7					88	63	119	68	86	52	85	22	105	36	96	46					
10	PR	260002	PR 260002	PR 210100	PR 140044	0.0					110	59	91	50	97	45	109	15	100	27	99	37					
											★★★☆☆																
1	PR	250072	PR 250072		PR 220384	0.0					101	49	88	52	99	30	104	14	87	19	81	31					
2	PR	250261	PR 250261		PR 190276	0.0					101	52	103	55	94	38	99	14	85	25	86	35					
3	PR	250337	PR 250337		PR 230028	0.0					94	48	108	51	113	29	88	18	81	19	88	31					
											★★★																
1	PR	250295	PR 250295		PR 170083	0.0					111	49	87	52	100	38	101	16	80	16	78	33					

Selection List on Cow Value

Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID							nt821	Q204X	F94L										Genomic tested						
								★★★★★																	
1	PR	250019	PR 250019	PR 210100	PR 160077	0.0				105	60	99	62	111	48	101	19	106	29	112	41				
2	PR	250060	PR 250060	BOS 177213	PR 220115	2.3				101	61	108	66	99	54	89	40	122	47	115	50	101	22	110	44
3	PR	250093	PR 250093	BOS 177213	PR 190051	2.1				99	63	106	67	100	57	90	37	120	47	112	51	101	22	107	45
4	PR	250118	PR 250118	PR 210100	PR 220347	0.1				106	59	100	63	98	42	110	23	108	31	112	41				
5	PR	250152	PR 250152	PR 220298	PR 220096	3.1				103	58	100	62	107	40	102	15	107	26	111	38				
6	PR	250297	PR 250297	PR 220298	PR 220180	0.4				92	58	114	61	93	41	112	22	108	29	114	40				
7	PR	250385	PR 250385	PR 210100	PR 220080	0.5				103	61	109	64	95	47	96	30	111	36	110	45				
								★★★★★																	
1	PR	250005	PR 250005	PR 210100	PR 180063	0.0				118	60	90	63	89	46	115	16	101	30	102	41				
2	PR	250015	PR 250015	PR 210100	PR 150024	0.0				109	60	94	62	99	48	104	19	106	29	103	41				
3	PR	250017	PR 250017	PR 210346	PR 220139	0.0				86	56	99	61	114	36	102	12	104	25	103	36				
4	PR	250063	PR 250063	PR 210101	PR 220136	0.4				99	59	110	64	86	43	88	19	112	31	100	41				
5	PR	250068	PR 250068	PD 210008	PR 220104	0.4				97	56	115	64	93	42	86	28	105	34	101	42				
6	PR	250073	PR 250073	PR 210150	PR 220330	0.2				100	60	115	63	88	44	95	25	109	32	108	42				
7	PR	250075	PR 250075	PR 210150	PR 220241	0.2				104	60	112	63	81	43	103	25	104	32	104	42				
8	PR	250083	PR 250083	BOS 200298	PR 200197	0.0				83	63	112	67	111	50	90	25	108	36	107	46	108	22	103	41
9	PR	250090	PR 250090	PR 210101	PR 220345	0.1				99	58	109	64	80	43	97	23	110	30	100	41				
10	PR	250091	PR 250091	BOS 200011	PR 220168	1.8				94	62	106	65	102	48	87	32	115	37	105	46	94	24	99	42
11	PR	250097	PR 250097	BOS 200298	PR 190068	0.0				95	63	107	66	106	50	89	19	103	34	102	44				
12	PR	250100	PR 250100	BOS 088471	PR 190028	1.1				85	64	114	67	104	60	82	42	107	51	100	53	106	26	97	48
13	PR	250103	PR 250103	BOS 200298	PR 150067	0.0				94	62	110	65	106	51	87	15	112	29	108	42				
14	PR	250107	PR 250107	BOS 200011	PR 220339	1.4				90	61	115	65	100	46	85	28	108	34	103	44	105	23	99	40
15	PR	250123	PR 250123	PD 210008	PR 220143	0.5				97	56	107	64	89	42	99	28	106	34	100	42				
16	PR	250126	PR 250126	PD 210008	PR 220132	2.4				92	55	117	63	104	39	79	22	103	31	102	40				
17	PR	250134	PR 250134	BOS 200298	PR 190164	0.0				85	63	114	66	118	50	86	19	103	35	107	44				
18	PR	250142	PR 250142	PD 210008	PR 180151	0.0				106	54	96	62	105	44	101	16	98	24	100	38				
19	PR	250150	PR 250150	BOS 200298	PR 220069	0.2				87	61	107	65	98	47	94	30	108	33	100	44				
20	PR	250157	PR 250157	PR 220298	PR 220217	0.0				89	57	115	61	107	40	92	17	103	24	107	38				
21	PR	250161	PR 250161	PR 210101	PR 230027	0.0				94	58	102	64	93	43	96	23	112	31	100	42				
22	PR	250165	PR 250165	BOS 200298	PR 210087	0.2				88	63	110	67	92	50	96	29	113	35	103	46				

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc									
											★★★★☆																
23	PR 250175	PR 250175	BOS 200011	PR 190134	0.4						99	62	101	65	95	50	98	24	111	33	102	44	94	21	97	39	
24	PR 250200	PR 250200	BOS 200298	GH 190710	0.7						94	64	113	68	92	51	89	22	107	36	100	46					
25	PR 250201	PR 250201	BOS 200011	PR 210260	0.0						96	62	112	66	98	48	91	28	104	34	102	45	96	20	97	40	
26	PR 250206	PR 250206	BOS 200298	PR 210220	0.4						89	62	118	66	104	47	78	29	103	33	100	45					
27	PR 250225	PR 250225	BOS 200011	PR 190118	1.1						98	64	100	67	102	52	95	30	106	38	100	47	90	24	93	42	
28	PR 250263	PR 250263	PR 220219	PR 170096	0.0						109	57	100	60	108	45	95	12	107	21	109	37					
29	PR 250292	PR 250292	PR 220155	PR 200079	0.0						107	59	103	62	100	48	90	27	110	35	105	43	106	22	102	39	
30	PR 250340	PR 250340	PR 220073	PR 210194	0.4						103	57	101	61	97	44	98	31	106	31	102	42					
31	PR 250341	PR 250341	PR 210100	PR 200093	0.0						106	61	95	64	104	47	106	21	103	34	105	43	86	23	98	39	
32	PR 250347	PR 250347	PR 210100	PR 200172	0.0						103	61	101	64	104	47	100	21	107	35	109	43	90	23	102	39	
33	PR 250348	PR 250348	PR 220219	PR 200211	0.1						104	59	110	62	88	46	94	23	106	30	103	42					
34	PR 250352	PR 250352	PR 220155	PR 210310	0.0						97	58	113	62	105	47	85	35	104	34	105	44	113	22	103	40	
35	PR 250353	PR 250353	PR 210100	PR 220054	0.0						108	55	93	59	100	40	103	15	103	25	100	37					
36	PR 260034	PR 260034	PR 210100	PR 200055	0.0						105	61	93	54	102	44	111	21	100	33	102	40	83	23	94	37	
37	PR 260051	PR 260051	PR 210100	GH 180357	1.5						103	61	107	54	90	47	97	22	110	35	105	41					
38	PR 260053	PR 260053	PR 210100	PR 190222	0.8						112	62	101	55	87	46	113	21	101	34	105	41					
39	PR 260057	PR 260057	PR 210100	PR 180063	0.0						117	60	87	53	92	45	118	16	101	30	102	38					
40	PR 260062	PR 260062	PR 210100	PR 200102	0.1						103	60	105	53	98	42	100	18	105	32	107	39					
											★★★★																
1	PR 250009	PR 250009	PR 210100	PR 140044	0.0						107	60	94	61	96	46	108	15	100	28	99	40					
2	PR 250026	PR 250026	PR 210346	GH 180357	0.0						89	58	104	63	105	43	97	16	95	29	95	40					
3	PR 250032	PR 250032	PR 210346	PR 210001	0.0						99	56	92	61	119	39	110	11	86	25	98	37					
4	PR 250035	PR 250035	PR 210346	PR 200055	0.0						95	58	87	61	117	40	112	15	86	27	92	38					
5	PR 250038	PR 250038	PR 210346	PR 200104	0.0						100	56	93	61	115	39	110	11	87	25	97	37					
6	PR 250042	PR 250042	PR 210346	PR 190101	0.0						95	58	103	62	111	42	95	11	91	26	95	38					
7	PR 250049	PR 250049	PR 210100	PR 170071	0.0						118	59	91	61	79	46	116	15	103	27	98	40					
8	PR 250054	PR 250054	PR 210100	PR 140043	0.0						109	60	101	62	91	48	96	15	101	28	96	41					
9	PR 250062	PR 250062	BOS 200298	PR 200053	0.0						84	63	109	67	110	50	86	25	104	35	99	45	104	22	95	40	
10	PR 250080	PR 250080	BOS 188154	GH 190701	1.2						94	66	118	69	78	60	92	33	97	42	91	51	101	28	88	46	
11	PR 250084	PR 250084	BOS 200298	PR 160101	0.0						88	62	109	66	101	53	87	16	107	31	98	43					

Selection List on Cow Value

Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value									
Sorted on ID							nt821	Q204X	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
										★★★																	
12	PR	250096	PR 250096	BOS 122346	GH 190709	1.5					88	67	119	68	85	60	82	46	105	50	93	54	110	24	92	48	
13	PR	250112	PR 250112	BOS 200298	PR 230045	0.1					86	61	107	65	96	44	89	21	107	31	93	42					
14	PR	250114	PR 250114		PR 220401	0.0					98	48	93	52	115	30	110	17	84	19	94	32					
15	PR	250124	PR 250124	PR 210101	PR 220308	0.3					90	59	114	64	81	43	89	25	111	31	95	42					
16	PR	250140	PR 250140	BOS 122346	PR 200262	1.6					86	66	117	59	95	57	83	47	105	49	97	51	104	22	94	45	
17	PR	250188	PR 250188	BOS 199424	PR 140027	0.0					102	62	105	65	100	54	84	23	101	31	96	44					
18	PR	250193	PR 250193	BOS 200298	PR 200192	2.4					87	62	118	66	96	48	86	18	95	34	93	43					
19	PR	250205	PR 250205	PR 210109	PR 170057	0.0					103	60	102	63	99	48	88	20	99	27	93	41					
20	PR	250213	PR 250213	BOS 122346	PR 210135	0.4					90	66	108	67	84	59	91	48	109	49	93	54	102	22	89	48	
21	PR	250214	PR 250214	BOS 122346	PR 220005	0.9					86	66	113	67	85	59	87	50	108	50	92	54	102	23	89	48	
22	PR	250237	PR 250237	BOS 200298	PR 210071	0.0					85	62	111	66	92	49	92	28	106	33	95	45					
23	PR	250294	PR 250294	PR 210109	PR 180108	0.0					105	59	98	62	98	46	89	21	99	27	91	41					
24	PR	250317	PR 250317	PR 220073	PR 200214	0.0					111	53	90	57	91	40	112	14	103	20	99	35					
25	PR	250354	PR 250354	PR 220219	PR 180155	0.0					111	58	97	62	96	46	97	15	102	27	98	40					
26	PR	250370	PR 250370	PR 210100	PR 210239	0.8					114	59	91	63	82	44	118	28	102	32	99	43					
27	PR	250384	PR 250384	PR 210109	PR 150063	0.0					113	61	95	64	98	50	93	20	96	28	92	42					
28	PR	260005	PR 260005	PR 210100	PR 170071	0.0					126	59	85	50	79	45	117	15	103	26	98	37					
										★★★☆																	
1	PR	250081	PR 250081		PR 190109	0.0					81	52	115	55	98	38	88	21	89	28	85	37					
2	PR	250101	PR 250101	BOS 200298	PR 200109	0.0					97	62	103	66	85	49	89	23	104	34	87	44					
3	PR	250131	PR 250131	BOS 200298	PR 200180	0.0					83	61	109	66	98	48	86	18	94	33	84	43					
4	PR	250141	PR 250141		PR 190236	0.0					103	48	95	52	99	35	104	7	82	17	83	31					
5	PR	250154	PR 250154		PR 220195	0.0					92	48	102	53	94	29	102	16	87	20	84	32					
6	PR	250166	PR 250166	BOS 122346	PR 170121	0.0					88	64	106	65	105	60	83	43	97	45	89	51	97	22	84	45	
7	PR	250176	PR 250176	BOS 200298	PR 210272	0.4					98	61	96	65	83	47	95	29	104	33	84	44					
8	PR	250197	PR 250197		PR 220146	0.0					92	48	102	52	117	29	86	33	83	18	85	34					
9	PR	250275	PR 250275		PR 210096	0.0					102	51	95	54	99	36	91	30	90	27	81	37					
10	PR	250386	PR 250386	PR 220108	PR 190210	6.3					107	57	99	61	79	47	101	27	98	36	87	43					

	EBVi	Description / Measurement	Goal	Low Value	High Value
Selection Values	Calving Ease Value	Difficult calving due to high birth weight	Average birth weight	High	Low
	Calf Growth Value	Calf's genetic ability for prewean growth	Heavy weaner	Light	Heavy
	Milk Value	Cow's genetic mothering and milking ability	Enough milk for calf	Less	More
	Maintenance Value	Maintenance requirement of cow (weight and milk)	Low cow maintenance	High	Low
	Fertility Value	Fertility and retention of cows and heifers	Fertile cows	Low	High
	Cow Value	Combination of calving ease, calf growth, milk, maintenance and fertility values (Rand-value per Ha)	Profitable cows	Loss	Profit
	Weaner Calf Value	Heavier weaners and more milk, with lower birth and cow weights	Heavy weaner	Light	Heavy
	Growth Value	Efficient growth on veld and in feedlot (Rand-value per animal)	Profitable growth	Loss	Profit
	Production Value	Combination of Cow- and Growth Values (Rand-value)	Profitable animals	Loss	Profit
	Carcass Value	Meat on carcass (Weight and RTU EBVs)	Meat on carcass	Less	More
Birth	Cow weight - birth	Cow weight at birth of calves	Mature cow weight	Light	Heavy
	Birth weight direct	Birth weight (Calf's genetic ability)	Average birth weight	Heavy	Light
	Cow-Calf birth	EBV Birth dir / EBV Mature cow weight	Average	Low	High
Wean	Cow Weight wean	Cow weight at weaning of calves	Mature cow weight	Light	Heavy
	Weaning weight direct	Weaning weight (Calf's genetic ability)	Heavy weaners	Light	Heavy
	Weaning weight mat	Weaning weight (Dam's genetic ability)	Good mothers	Poor	Good
	Cow-Calf Wean	EBV Wean dir / EBV Mature cow weight	High cow-calf ratio	Low	High
Growth & Adaptation	Post-Wean weight	12- and 18mth weights	Post-wean growth	Low	High
	Ave. Daily Gain	Average daily gain in growth test (Phase C and D)	Good growth	Poor	Good
	Veld Growth	ADG on veld (Phase B)	Good adaptation	Poor	Good
	Feed Conversion Ratio	100g feed intake /g weight gain	Feed Efficiency	Poor	Good
	Final Test Weight	Final weight in growth test (Phase C and D)	Heavy Carcasses	Light	Heavy
	Skin Thickness	Measured in growth tests	Thicker skin	Thin	Thick
Fertility	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
	Heifer Fertility	Age at first calving	Fertile heifers	Less	More
	Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less	More
	Longevity	Retention of progeny	Acceptable progeny	Poor	Good
Frame	Height	Shoulder / Hip height in growth test	Average height	Short	Tall
	Length	Length in growth test	Longer (more meat)	Short	Long
	Length:Height	EBV Length / EBV Height	Longer, not higher	Less desirable	More desirable
Carcass	Eye Muscle Area	RTU Eye muscle area	Muscle in carcass	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality & adaptability	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Notes on the interpretation of EBVs, EBVi's, sub-values and selection values

EBVi (EBVindex) is the breeding value index and is easier to interpret than the breeding value, especially for commercial farmers buying from stud farmers. The base of a breeding value index is 100, which is the average of all the live animals in the breed, and all values are expressed relative to this value. Values above 100 are always in a more desirable direction: an index of 105 for AFC indicates a genetic potential to calve earlier. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values can be better.

EBV: (Estimated Breeding Value) indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (1990 for most breeds and traits). Higher values for certain traits are better while lower values for other traits are better, for example, an EBV of -2 for AFC (age at first calving) indicates that the animal has the genetic potential to calve 2 days earlier than the average heifer in 1990 (the base year). Earlier calving is better and therefore low breeding values (high breeding value indices) are better. For weaning weight, higher values are better.

Sub-values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, AFC (age at first calving) and ICP (inter-calving period) are combined to form the sub-value Fertility by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.

Selection Values (Cow Value and Growth Value) combine the sub-values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.

How to use breeding values to select animals

Selecting animals on breeding values is easy if you know how. There is a common saying that “good nutrition can mask poor breeding”. This is very true. If an animal that is genetically inferior is fed well, it can appear as a great animal. This great performance will not be passed over to future generations. An animal that is genetically superior can appear to be inferior if its environment did not allow it to reach its true potential. It is best to select animals that are most adapted to the environment and can reach their full potential. To continuously adapt the environment to the animal can be expensive.

The reason why the use of breeding values is such a valuable tool is because it “removes” the environmental effect that contributes to the performance.

Scientific methods are used to determine how much of the performance is due to genetics and to identify genetically superior animals. This involves the measurement of animals under controlled environments, complete record keeping and pedigree information. *If performance recording and pedigree information are not done correctly, breeding values of these animals will not be useful.* Keep in mind that breeding is a long-term option: the effect of a bull selected/bought today will only show much later. If it is a good decision, his daughters will become part of the breeding herd and contribute to overall profitability in future.

Even if a bull is not perfect in all aspects, knowing the shortcomings will allow strategic selection with suitable cows. Traits are genetically correlated, meaning that a change in one trait can lead to a change in another. This change can be favourable or unfavourable. An increase in weaning weight can lead to an increase in birth weight, which can lead to calving difficulty. It is therefore advisable to not only select on a single trait. Take other traits in consideration to avoid negative effects.

How to improve the herd genetically

The first and most important aspect is to know what type of animal will improve the herd genetically. This can be determined through the following factors:

What happens to the calves? For example: used as replacement heifers, sold as stud animals or sold to commercial breeders who sell weaner calves.

How much feed is available? The availability of feed (or the hardness of the environment) determines the optimal frame size. If feed is abundant and the environment is less harsh, larger animals would be ideal. If not, medium framed animals would be ideal.

What is the genetics of the cow herd? Are they the wrong frame type, grow too slowly, do not have enough milk, etc.? Always aim to breed a calf that is superior to its dam.

Conclusion

Different types of bulls are suitable for different types of cows, environments and breeding objectives. Inbreeding should be avoided or limited as much as possible. Mating programs are available to aid in the pairing of bulls and cows.

The data used for this evaluation is pedigree information and performance data found on LOGIX as provided by breeders. All attempts are made to present accurate information. SA Stud Book takes no responsibility for the use and interpretation of information presented in this report.

