

HEREFORD

GENOMIC BREEDING VALUE REPORT

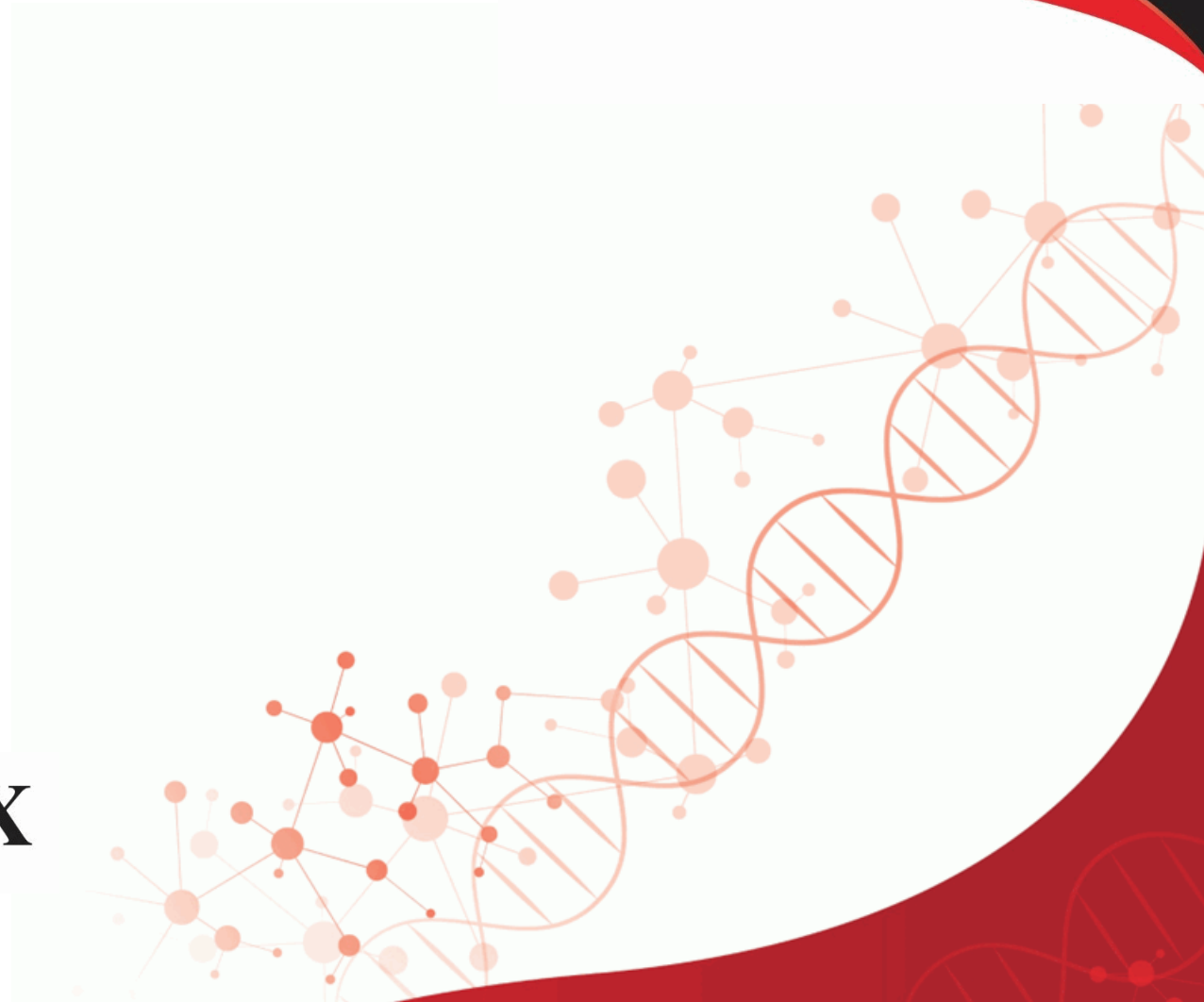
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EBVs, EBVi's and GEBVs

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.

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



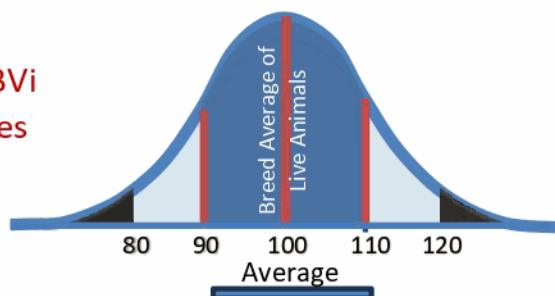
80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Carcass Value

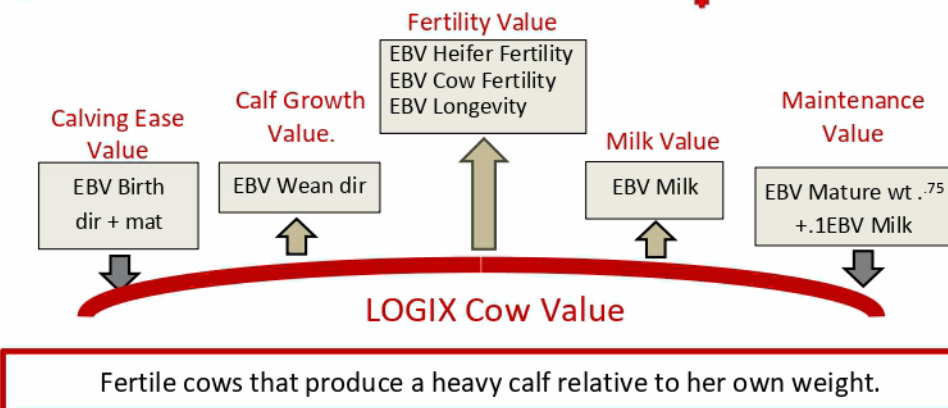


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

Interpretation of EBVi and Selection Values



LOGIX Cow Value



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)

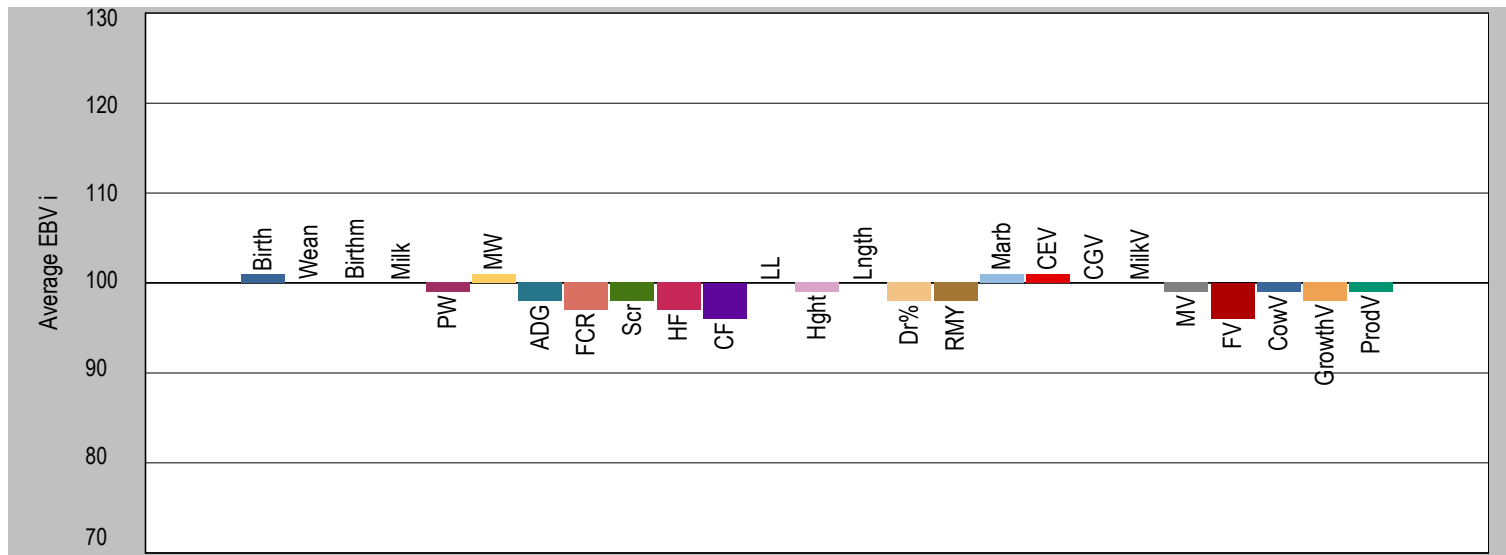
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

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

	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 18mnth 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

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	Dr%:	Dressing%
FCR:	Feed Conversion Ratio	RMY:	Red Meat Yield
		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
Prewrite Growth	Birth Weight	0.69	101	0.77
	Wean Weight	18.0	100	18.0
	Birth Mat.	0.57	100	0.57
	Milk (Wn.Mat.)	7.9	100	8.0
Postwean Growth	Postwean Wt	32.3	99	33.0
	Mature Weight	35	101	34
	ADG	126	98	133
	FCR	-71	97	-75
Fertility	Scrotal Circumf.	14.9	98	16.0
	Heifer Fertility	-3.9	97	-5.6
	Cow Fertility	-2.3	96	-2.9
	Longevity	36.1	100	36.2
Frame	Height	22	99	22
	Length	30	100	31
Carcass	Dressing%	0.07	98	0.10
	RedMeatYield	0.9	98	1.3
	Marbling	-0.25	101	-0.29

Selection Value	Ave. Herd
Calving Ease	101
Calf Growth	100
Milk	100
Maintenance	99
Fertility	96
Cow Value	99
Growth Value	98
Production Value	99

- 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

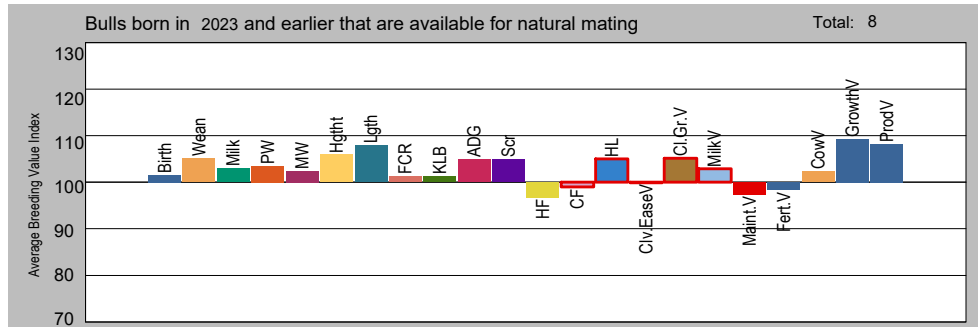
Milk: Cows with more milk and better mothering ability

Maintenance: Animals with low maintenance requirements (lower mature weight).

Fertility: Cows/daughters that calve

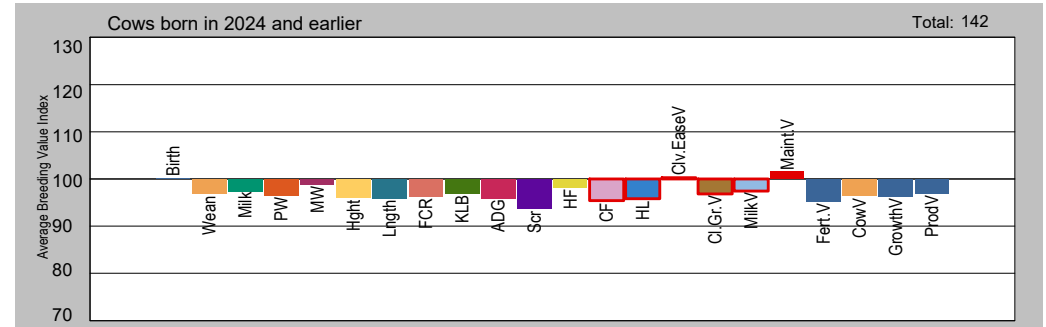
Genetic Windows

Bulls on the farm



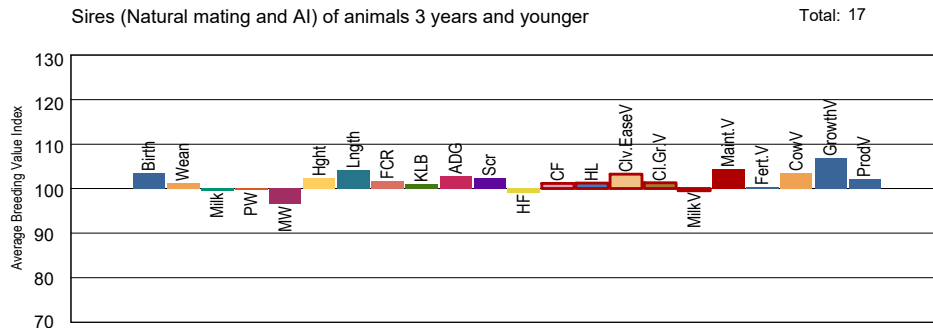
Animals available for breeding

Cow Herd

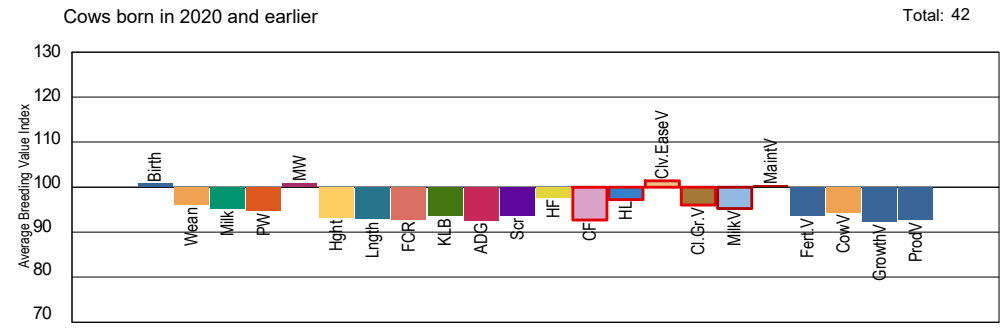


Results of previous selection decisions

Sires of young animals

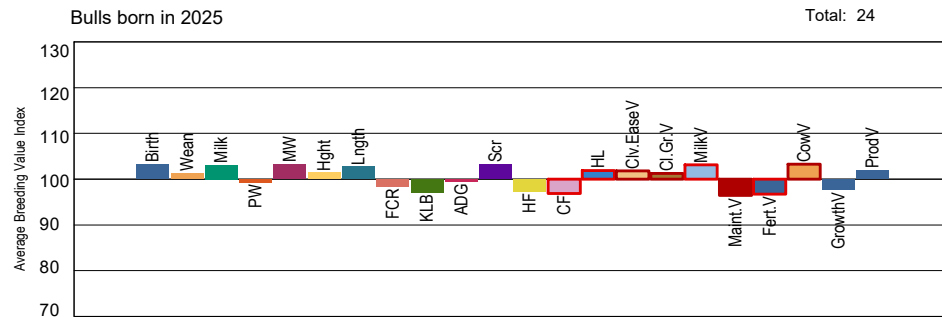


Cows older than 6 years

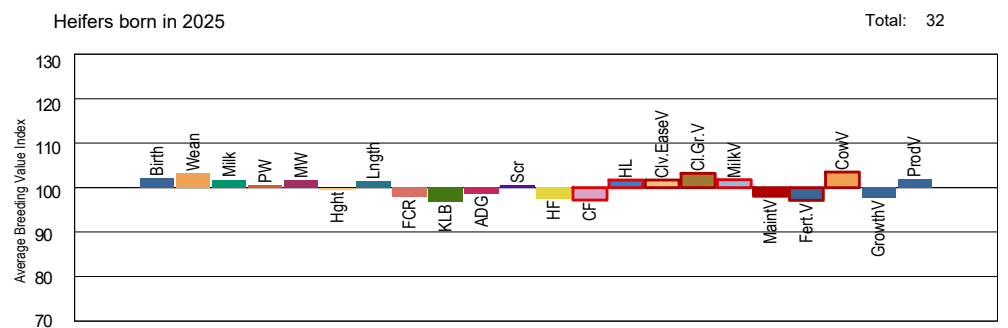


Selection possibilities

Bull calves



Heifer calves

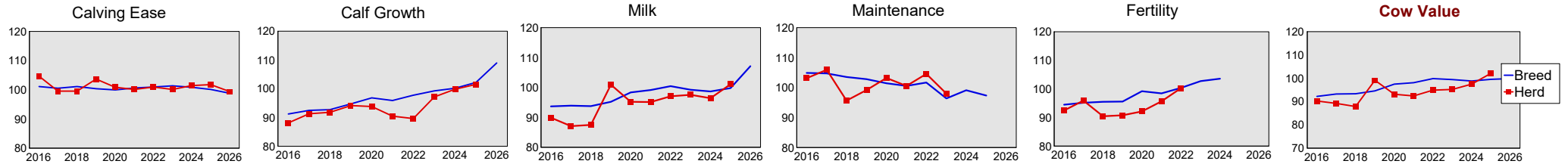


Summary of Cow Herd

			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	100	99	100	100	99	99	98	101	100
2013	1	★	98	92	52	113	69	59	76	57	89	92	123	52	84	90	76	79	78	90	67	78	85	78
2014	2	★★	98	113	71	96	83	74	91	73	93	113	112	71	106	106	91	89	92	84	92	89	98	96
2015	1	★★★★☆	112	99	121	85	82	107	105	107	116	99	92	121	101	114	103	100	100	85	84	102	107	107
2016	1	★★★☆☆	96	74	107	109	97	86	81	83	95	74	102	107	79	90	83	85	78	112	88	87	89	88
2017	5	★★★☆☆	104	98	84	109	88	87	87	85	100	98	111	84	97	92	86	88	84	94	87	96	85	87
2018	8	★★★★	99	93	93	98	98	94	84	91	99	93	102	93	92	103	89	92	92	103	95	94	89	88
2019	14	★★★★☆	102	98	104	94	98	102	100	102	102	98	101	104	97	107	98	98	98	98	98	102	95	97
2020	10	★★★★	101	93	96	108	93	96	94	96	103	93	98	96	93	94	93	95	96	99	91	97	96	94
2021	18	★★★★	98	99	98	101	94	96	105	102	97	99	103	98	101	99	100	103	93	97	94	97	97	97
2022	27	★★★★	101	89	99	102	100	96	97	102	101	89	101	99	90	98	93	95	87	104	98	92	95	93
2023	25	★★★★	100	100	99	100	93	98	99	100	100	100	100	99	99	100	99	100	98	96	95	94	102	101
2024	30	★★★★	100	101	97	105	96	99	98	97	100	101	102	97	100	95	97	98	97	96	98	98	96	98
2025	32	★★★★☆	102	103	102	98	97	104	98	102	102	103	100	102	101	102	99	97	101	98	97	102	100	102
2026	28	★★★★☆	100	105	104	95	98	102	101	99	101	105	98	104	103	105	102	100	104	98	97	107	102	105
Cows in Herd Average:			101	97	95	101	92	93	94	93	100	97	103	95	96	100	94	94	93	97	92	95	95	95

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.



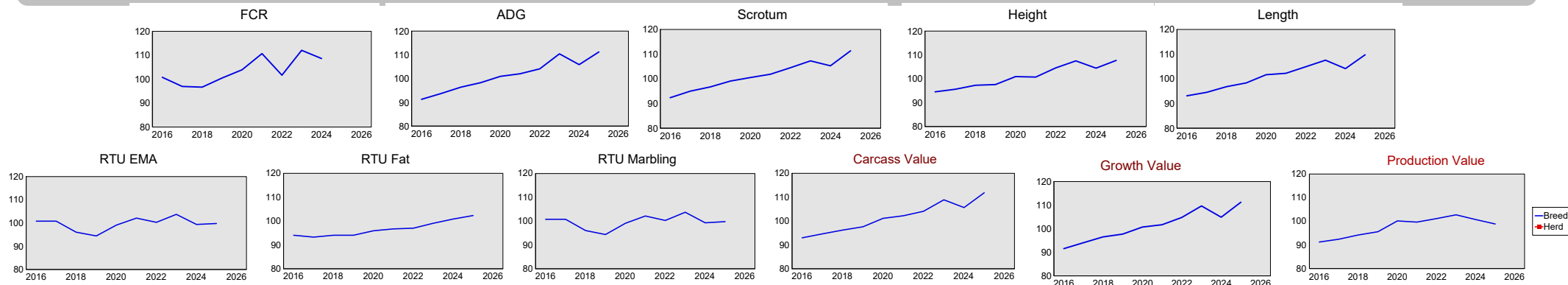
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance				Fertility								Cow Value
	Birth Weight			Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity	
	Number	Dir EBV	Mat EBV		Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2016	44	0.61	0.29	105	40	13.0	88	40	5.04	90			9	33	103	7	-7.2	3	-2.4	47	25.4	93	90
2017	71	0.97	0.31	100	39	14.3	91	39	4.20	87	14	27.1	15	36	106	15	-11.1	9	-1.9	71	25.6	96	89
2018	64	0.95	0.34	100	32	14.5	92	32	4.34	88	3	31.0	10	37	96	6	-5.5	9	-1.3	61	26.9	90	88
2019	78	0.55	0.46	104	45	15.5	94	45	8.23	101			19	36	99	17	-0.5	13	-2.2	80	30.0	91	99
2020	45	0.74	0.47	101	39	15.4	94	39	6.56	95			12	30	103	4	-7.2	3	-2.9	45	31.4	92	93
2021	52	0.89	0.35	100	47	14.0	90	47	6.54	95	3	27.9	18	35	101	12	-6.2	5	-1.1	47	31.8	96	92
2022	71	0.72	0.50	101	59	13.6	90	59	7.11	97			20	29	105	16	-9.0	1	-4.2	30	30.7	100	95
2023	77	0.75	0.54	100	70	16.8	97	70	7.24	98			2	36	98								95
2024	85	0.69	0.48	101	78	17.9	100	78	6.93	96													98
2025	89	0.61	0.56	102	84	18.6	102	84	8.28	101													102
2026	42	0.71	0.67	99																			

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value
	Birth Weight			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	Mat EBV		Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2016	1782	0.81	0.42	101	985	14.3	91	985	6.12	94	448	28.0	250	28	105	395	-6.4	304	-2.1	1860	26.0	94	92
2017	1720	0.80	0.48	101	1155	14.8	93	1155	6.19	94	481	29.8	306	28	105	402	-5.9	313	-2.3	1792	27.4	95	93
2018	1744	0.77	0.45	101	1213	14.9	93	1213	6.14	94	553	29.2	278	29	104	417	-5.9	305	-2.1	1865	28.9	96	93
2019	1757	0.80	0.49	100	1239	15.7	95	1239	6.57	95	553	30.8	300	31	103	430	-5.3	325	-2.5	1826	30.2	96	95
2020	1742	0.79	0.55	100	1243	16.6	97	1243	7.48	98	519	32.3	246	33	101	394	-5.9	302	-3.1	1839	30.8	99	98
2021	1690	0.76	0.52	101	1171	16.2	96	1171	7.70	99	493	32.7	187	32	101	361	-5.2	246	-2.8	1674	31.0	98	98
2022	1795	0.71	0.53	101	1271	17.0	98	1271	8.08	100	520	33.5	198	30	102	356	-6.3	129	-3.0	1136	31.4	100	100
2023	1773	0.71	0.51	101	1235	17.7	99	1235	7.73	99	513	35.8	62	33	96	180	-6.4	37	-3.3			103	100
2024	1801	0.76	0.51	101	1081	18.1	100	1081	7.58	99	560	34.6	8	43	99	44	-5.7					104	99
2025	1633	0.80	0.54	100	854	18.9	102	854	7.90	100	177	38.9			97								100
2026	626	0.82	0.62	99	56	21.7	109	56	10.03	107													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			
2017																									
2018																									
2019																									
2020																									
2021																									
2022																									
2023																									
2024																									
2025																									
2026																									

Breed

Birth Year	Growth									Frame						Carcass								Selection Values		
	FCR			ADG			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Crasss Value	Growth Value	Prod Value	
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		EBV	EBVi	EBV	EBVi	EBV	EBVi				
2017	37	-71	97	180	110	94	177	13.5	95	177	20	96	177	25	95	132	0.25	97	-0.71	93	-0.25	101	95	94	92	
2018	97	-70	97	261	120	96	261	14.3	97	261	21	97	261	28	97	213	0.34	98	-0.63	94	-0.48	96	96	97	94	
2019	59	-76	101	260	127	98	220	15.4	99	260	21	98	260	29	98	242	0.51	100	-0.63	94	-0.55	94	98	98	96	
2020	45	-80	104	259	137	101	220	16.2	101	259	23	101	259	32	102	258	0.73	103	-0.44	96	-0.33	99	101	101	100	
2021	49	-89	111	219	141	102	224	16.9	102	224	23	101	224	33	102	209	0.89	105	-0.36	97	-0.18	102	102	102	100	
2022	56	-77	102	205	149	104	206	18.2	104	206	25	105	206	36	105	177	0.90	105	-0.33	97	-0.27	100	104	105	101	
2023	8	-91	112	231	172	110	232	19.6	107	232	27	108	232	38	108	204	1.20	109	-0.14	99	-0.10	104	109	110	103	
2024	3	-86	109	132	155	106	135	18.6	105	141	25	104	141	35	104	124	0.91	105	0.04	101	-0.32	99	106	105	101	
2025				105	175	111	112	21.7	111	120	27	108	120	40	110	111	1.18	109	0.19	102	-0.29	100	112	111	99	
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																										
174E	TH 403A475Z358			99	114	113	92	102	106	110	108	107	114	81	113	112	107	106	96	117	109	93	107	110	116	93	124	110	48	42
TH FRONTIER 174E ET				87	91	74	61	53	73	64	71	0.23	23.7	1.34	11.6	40.9	41	156	-70	24.7	-11.5	-1.8	39.2	28	46	0.02	2.35	0.20	12	8 21
44D	P43182570			125	96	109	109	96	129			118	96	117	109	87	89	103		108	94	105	80	101	100	84	107	110	24	18
TH 529B 145Y EXPLORER 44D	529B ET			70	78	29	11	26	44			-0.58	16.3	-0.13	10.6	24.5	23	143		20.1	-1.8	-3.6	27.3	23	31	-0.69	0.64	0.19		
												88	78	30	29	29	11	9		10	24	7	48	10	10	9	8	8		
6153	6964R			117	106	94	133	79	113	102	113	112	106	113	94	102	71	101	94	106	73	93	99	105	107	103	104	83	34	21
BOYD 31Z BLUEPRINT 6153	91H 100W			86	87	68	48	52	67	42	62	-0.14	20.5	0.03	6.1	34.1	3	137	-68	18.9	13.2	-1.8	35.6	25	37	0.72	0.30	-1.11	2	9 15
652D	6964R			108	129	92	74	117	107	120	110	105	129	110	92	125	130	109	84	130	97	135	87	101	127	114	110	110	34	29
MCM 6964 BOLT 652D	4138B			93	94	89	86	80	86	86	86	0.43	30.2	0.16	5.6	49.0	64	165	-54	30.8	-3.3	-8.3	30.6	23	57	1.56	0.94	0.20	1	9 16
												95	94	89	89	82	86	86	84	87	64	85	90	87	87	86	86	86		
71U719T	42800895			98	116	95	106	86	93	110	95	96	116	104	95	110	93	110	101	103	89	91	91	116	113	99	95	94	41	15
TH71U 719T MR HEREFORD 11X	45P71U			90	86	83	59	66	74	56	70	1.04	24.5	0.41	6.4	39.7	27	172	-76	17.4	2.2	-1.5	32.0	32	43	0.40	-0.51	-0.55	2	13 41
												93	86	83	83	66	59	57	49	63	72	41	86	65	63	56	52	51		
84F	11B ET			119	103	108	123	93	126	106	126	117	103	107	108	96	77	104	94	93	88	99	101	87	105	103	116	96	24	19
BG LCC 11B PERFECTO 84F	31C			78	81	49	38	43	58	30	52	-0.45	19.2	0.29	10.3	30.2	10	149	-68	12.6	3.0	-2.8	36.8	14	35	0.74	1.54	-0.46	2	3 5
												88	81	55	49	46	38	44	10	51	52	15	62	52	50	46	41	34		
BH 100078	WDW 060088			88	103	30	103	71	48	82	47	71	103	125	30	99	103	84	88	78	91	68	80	100	86	89	68	90	69	68
BRAZIL 1078	PJB 020013			93	95	85	66	73	80	54	75	2.91	19.2	-0.45	-12.9	32.5	36	72	-60	4.9	0.9	2.0	27.1	22	17	-0.34	-3.19	-0.79	2	17 40
												96	95	86	85	87	66	51	51	57	77	54	88	58	56	48	44	43		
BH 140034	BH 100032			104	115	122	92	107	115	123	118	111	115	85	122	122	106	123	118	112	105	112	85	118	114	117	115	100	81	75
BENCHMARK 1434	PJB 090043			93	95	87	64	71	80	54	75	-0.06	24.2	1.17	14.3	47.3	40	217	-98	21.8	-9.0	-4.7	29.4	34	45	1.76	1.46	-0.27	18	22 48
												97	95	84	87	84	64	81	23	86	81	46	85	87	85	83	78	77		
BMH 150111	P43214853			106	95	119	97	81	102	92	101	111	95	89	119	90	101	91	76	96	88	80	100	88	92	112	54	92	33	23
HOME WONDER 13-81	BMH 130081			88	87	79	64	59	74	74	74	-0.08	15.8	1.03	13.6	26.6	35	101	-44	14.1	2.9	0.2	36.2	15	23	1.37	-4.55	-0.67	5	10 34
												92	87	78	79	68	64	73	67	79	65	35	78	82	79	75	70	69		
DVB 140098	DVB 100039			96	86	95	111	97	93	108	94	101	86	90	95	104	89	126	121	94	96	104	81	91	104	116	79	99	46	30
ROMAN	DVB 100003			94	93	89	86	83	87	84	86	0.71	12.2	0.98	6.5	35.7	22	229	-102	12.9	-3.1	-3.5	28.0	17	35	1.74	-2.10	-0.32		
												96	93	90	89	68	86	85	82	87	74	83	91	87	87	82	82	82		
H65	041C			113	79	93	150	96	108			115	79	97	93	72	63	79		87	104	91	97	73	80	107	100	99	21	14
GERBER HIGH TIME H65	E066			68	75	24	10	20	41			-0.33	8.9	0.70	5.9	15.3	-5	55		9.6	-8.0	-1.5	34.7	6	11	1.04	-0.05	-0.34		
												86	75	28	24	11	10	11		12	11	5	45	12	12	11	10	10		

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	Dir	Dir	Mat.	Mat.	wt	weight							Fertility	Fertility	ty						Grwth	Dgt/Calvs.						
HZ 150010				HZ 120010							107	102	104	87	88	106	101	106	109	102	98	104	100	114	93	85	124	100	85	87	88	98	105	84	87	61	44	
B RENEGADE 1510				91	92	75	58	69	75	54	71	0.12	18.7	0.66	9.2	32.7	48	107	-56	27.9	-5.7	27.9	-5.7	-0.5	30.3	15	29	0.92	-1.63	-0.93	2	10	13					
JR 130005				WDW 080082							97	93	73	87	96	82	92	81	96	93	105	73	92	116	91	93	89	96	105	75	89	85	100	100	109	115	76	
ROGER 0513				94	95	87	69	71	81	48	74	97	95	87	87	84	69	53	41	56	79	56	79	45	90	56	55	49	47	46	20	55						
KC 210001				652D							107	114	101	89	95	106	107	107	105	114	107	101	112	111	106	101	106	87	105	99	107	110	103	111	107	59	48	
BOLTEN 101				82	92	54	34	39	61	20	53	0.39	23.7	0.29	8.3	41.0	45	154	-76	18.8	3.7	18.8	3.7	-3.6	35.6	27	40	0.76	1.04	0.03								
KRM 130069				WDW 070079							115	94	89	121	87	110	126	114	107	94	121	89	107	80	131	129	68	109	77	75	95	90	106	95	116	45	38	
130069				91	92	85	71	69	80	58	76	0.26	15.6	-0.30	4.8	37.3	13	248	-113	-0.3	-11.5	-0.3	-11.5	0.6	25.3	19	20	0.93	-0.51	0.50	4	14	47					
KRM 140035				WDW 070079							107	119	102	96	72	96	121	100	113	119	87	102	118	103	113	101	104	56	99	93	131	130	123	91	150	82	73	
140035				91	95	83	70	68	80	62	76	-0.18	25.8	1.09	8.4	44.5	37	180	-76	17.9	24.4	17.9	24.4	-2.7	32.9	41	60	2.23	-0.92	2.14	20	17	28					
KRM 180103				KRM 160032							97	105	106	123	100	112	126	117	92	105	106	106	114	106	77	132	132	85	98	102	98	80	98	104	123	127	74	70
ZONDO 180103				88	95	76	59	58	74	52	70	1.38	20.2	-0.01	9.6	43.4	10	253	-116	8.6	-4.5	8.6	-4.5	-3.2	35.1	10	29	0.78	2.26	1.02	21	9	15					
P43145081				M326R117							92	107	103	97	104	101	111	103	107	103	116	118	107	100	110	88	110	109	109	104	104	104	140	116				
BOYD MASTERPIECE 0220				95	97	91	54	75	79	32	70	1.41	21.1	0.51	8.9	37.4	36	192	-98	19.3	-5.9	19.3	-5.9	-4.5	30.9	29	39	1.16	0.40	-0.10	30	98						
P43214852				W18							113	84	113	113	83	106	96	106	108	84	115	113	83	85	100	93	112	91	88	77	87	96	98	112	82	10	7	
NJW 73S W18 HOMEGROWN 8Y ET				74	74	60	45	46	59	56	58	0.20	11.3	-0.03	11.8	21.7	19	132	-67	22.0	0.5	22.0	0.5	-1.1	26.1	15	26	0.37	1.17	-1.13	5	2	5					
P43384585				43186342							96	114	98	107	110	106	101	106	93	114	106	98	103	93	102	101	104	109	112	90	77	94	100	92	87	18	12	
CRR 109 CATAPULT 322				82	80	70	36	49	62	40	58	1.25	23.7	0.31	7.3	35.2	26	141	-77	18.2	-11.8	18.2	-11.8	-4.7	31.6	8	24	0.49	-0.88	-0.89	1	8	19					
PNP 140007				WDW 080082							95	82	114	119	105	100	67	94	96	82	98	114	83	80	69	77	78	134	84	69	69	69	76	94	91	36	14	
RANGER 14007				87	86	74	56	62	71	42	65	1.03	10.3	0.64	12.0	22.2	13	19	-46	5.0	-29.2	5.0	-29.2	-0.5	22.4	3	0	-1.31	-0.60	-0.74	4	13						
PNP 140066				WDW 110032							106	97	109	89	98	111	111	113	109	97	94	109	102	110	113	109	102	97	103	90	111	106	115	88	102	37	28	
RACER 14066				89	88	80	65	59	75	34	67	0.10	16.8	0.80	10.4	34.3	44	180	-87	17.0	-3.3	17.0	-3.3	-3.4	31.6	29	37	1.67	-1.23	-0.17	11	29						

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.	
PNP 160013 WLB90X PNP 130048				107	103	108	106	79	105	102	105	108	103	98	108	100	93	101	100	102	74	94	90	108	106	110	88	93	12	7
USAIN 16013				83	81	75	54	54	68	34	61	88	81	72	75	32.9	26	137	-76	17.0	12.1	-1.9	31.6	28	36	1.26	-1.19	-0.65	5	18
PNP 160018 JR 130005 PNP 120041				109	88	96	76	71	88	90	87	111	88	98	96	87	128	89	90	91	86	68	90	91	91	98	90	96	16	9
REX 16018				83	82	73	55	54	68	26	60	89	82	71	73	24.6	62	93	-63	11.6	3.7	2.0	31.9	17	21	0.36	-1.01	-0.50	5	14
PNP 180058 P43145081 PNP 120040				100	93	113	99	104	108	103	108	98	93	107	113	102	99	110	118	94	99	103	111	104	100	102	109	103	21	19
JUMBO 18058				86	87	77	58	55	71	20	61	91	87	75	77	34.2	33	169	-98	12.9	-5.2	-3.4	41.2	25	31	0.68	0.82	-0.13	9	17
PNP 180069 P43145081 PNP 120017				117	94	93	96	107	114			115	94	106	93	89	104	101	105	99	118	95	99	104	103	98	99	99	22	18
COOL CAT 18069				83	85	67	40	50	64			90	85	67	67	25.8	38	139	-82	15.7	-17.7	-2.1	35.8	25	34	0.33	-0.11	-0.34	2	3
PNP 200054 174E FF 140238				97	117	92	90	101	93	105	94	103	117	86	92	112	111	104	99	110	103	93	118	107	113	101	111	106	6	5
FROSTY 20054				75	78	57	41	41	58	36	54	84	78	56	57	40.7	45	147	-74	21.1	-7.6	-1.8	44.4	27	43	0.55	1.00	-0.01		
PNP 200089 6153 PNP 130058				93	114	97	93	76	84	119	88	96	114	93	97	113	107	117	108	117	72	91	92	121	122	116	92	97	60	52
PYGA 20089				83	92	52	34	44	61	22	53	95	92	56	52	41.1	41	195	-85	24.5	13.9	-1.5	32.5	36	52	1.69	-0.85	-0.42		
PNP 210050 6153 PNP 140018				91	118	92	122	111	103	106	103	89	118	107	92	113	79	110	108	99	99	117	107	95	100	108	79	117	5	4
BLUESKY 21050				85	85	81	79	68	78	78	78	87	85	81	81	41.2	12	171	-85	15.7	-4.6	-5.5	39.2	19	31	1.14	-2.14	0.53		
PNP 220029 174E PNP 180052				96	110	105	88	92	97	102	97	102	110	88	105	105	112	100	98	114	91	90	116	109	113	107	109	108	53	33
RENEGADE 22029				81	90	57	37	40	61	33	55	94	90	52	57	36.5	47	134	-73	23.0	0.6	-1.3	43.4	28	43	1.04	0.85	0.10		
PNP 220076 6153 PNP 140018				105	96	101	120	110	119	91	116	102	96	108	101	93	80	91	89	95	106	109	105	91	93	92	91	99	10	9
SIMON 22076				73	76	55	33	41	55	30	50	82	76	54	55	28.2	13	98	-61	13.6	-9.7	-4.3	38.3	17	24	-0.08	-0.91	-0.33		
PNP 220090 WDW 190007 PNP 190038				99	97	99	111	112	111			99	97	102	99	97	88	100	102	94	117	105	99	97	99	97	90	95	6	6
MAGIC 22090				72	77	52	36	34	54			83	77	49	52	31.1	21	132	-78	12.8	-17.2	-3.6	35.6	21	30	0.29	-1.03	-0.52		
PNP 220199 WDW 190007 PNP 190083				102	80	106	99	103	94			104	80	97	106	86	99	95	98	83	104	97	109	97	93	95	87	89	2	
PRINCE 22199				68	59	48	33	37	48			77	59	50	48	23.7	33	115	-73	7.6	-8.6	-2.5	40.2	21	24	0.11	-1.29	-0.83		
															24	33	18	11	20	43	18	50	21	20	17	16	15			

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	Dir	Dir	Mat.	Mat.	wt	weight			Fertility	Fertility	ty					Test	Dgt/Calvs.			
PNP 230030	84F	PNP 200095		96	134	111	94	111	107	137	113	99	134	95	111	128	105	133	116	129	103	106	129	123	133	124	95	116	18	7
DUSTIN 23030				89	88	83	82	66	80	82	80	0.84	32.3	0.79	11.3	51.3	39	255	-96	30.6	-7.8	-3.9	49.2	37	63	2.28	-0.56	0.49		
PNP 240029	H65	PNP 190092		114	86	98	110	98	105			115	86	99	98	84	90	92	93	94	101	91	117	89	93	89	100	110	2	
HOUSTON 24029				65	67	40	22	27	44			-0.31	12.3	0.60	7.5	22.9	23	102	-67	13.1	-6.2	-1.5	43.7	15	24	-0.29	-0.04	0.18		
WDW 110032	WDW 090102	WDW 070082		107	93	116	87	97	112	110	114	113	93	87	116	97	112	111	112	95	96	108	71	110	103	117	81	113	53	35
CANONBALL 11032				91	92	84	68	67	79	40	71	-0.20	14.9	1.11	12.7	31.3	46	176	-91	13.5	-2.6	-4.1	23.4	29	34	1.77	-1.91	0.33		
WDW 170057	BMH 140009	WDW 110048		90	102	83	98	73	71	101	72	88	102	105	83	98	103	103	103	102	87	70	93	109	100	91	84	90	26	14
XANADU				86	82	69	51	56	67	48	63	1.66	18.6	0.38	3.1	31.9	37	143	-78	17.0	3.7	1.7	33.1	28	31	-0.16	-1.63	-0.76		
WDW 170160	DVB 140098	WDW 140159		99	87	80	105	91	81	98	82	97	87	106	80	89	96	104	107	92	95	97	76	104	101	102	92	100	57	49
LINESPEED				88	92	77	60	54	73	34	65	0.97	12.6	0.31	2.1	25.7	29	147	-84	11.9	-2.4	-2.4	25.4	25	32	0.68	-0.85	-0.30		
WDW 180081	WDW 140081	WDW 140076		88	111	100	97	115	98	114	101	88	111	101	100	117	103	116	124	105	101	124	102	115	107	109	113	108	18	12
FRONTLINE				83	79	59	45	57	63	29	56	1.66	22.7	0.53	7.8	43.9	36	193	-106	18.6	-6.5	-6.5	37.1	32	38	1.21	1.24	0.08		
WDW 190007	P43214415	WDW 160127		101	75	105	101	116	96	90	95	102	75	98	105	82	98	92	97	75	126	107	81	99	92	90	80	87	101	60
TRUST				93	95	85	81	77	84	78	83	0.58	7.5	0.63	9.5	21.6	32	103	-72	3.3	-23.5	-4.0	27.6	22	23	-0.22	-2.06	-0.92		
WDW 190063	5051	WDW 120119		90	94	92	87	93	88	102	89	89	94	104	92	100	115	102	99	113	101	93	84	109	96	93	73	88	52	41
SMALL TOWN				85	92	63	46	53	67	70	68	1.57	15.5	0.42	5.7	32.8	49	142	-75	22.7	-6.4	-1.9	28.9	28	27	0.01	-2.70	-0.84		
WDW 200023	652D	WDW 170137		108	122	103	82	113	113	119	116	109	122	99	103	125	120	116	115	131	93	124	111	130	129	120	107	109	163	42
BOLT PERMORNANCE				85	91	50	41	48	63	46	60	0.08	27.4	0.60	8.7	49.3	54	194	-94	31.5	-0.8	-6.7	41.1	41	59	1.98	0.67	0.15		
WLB90X	10H83T	50S35U		123	104	94	107	87	113	104	114	117	104	115	94	98	92	99	100	87	93	89	85	92	93	98	93	98	58	44
WLB LEGO 83T 90X				92	92	85	70	66	79	68	77	-0.52	19.6	-0.05	6.3	31.9	26	130	-75	9.2	-0.7	-1.3	29.7	17	24	0.34	-0.74	-0.36		
ZK 130097	REDD935	ZK 040002		97	82	115	94	112	101	91	99	102	82	88	115	88	104	96	97	86	121	108	77	93	96	82	122	105	68	56
ZK130097				94	94	89	79	75	84	62	80	0.60	10.5	1.06	12.4	25.3	38	120	-71	8.8	-19.8	-4.1	26.0	18	27	-0.80	2.11	-0.03		

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
ID Number Name																													
KC 210001 92625003 BOLTEN 101		652D KC 150018	107 82	114 92	101 54	89 34	95 39	106 61	107 20	107 53	110 29	105 0.39	107 0.29	111 45	114 23.7	101 8.3	107 121	112 41.0	106 154	101 -76	106 18.8	87 3.7	105 -3.6	99 35.6	107 27	110 40	103 0.76	111 1.04	107 0.03
PNP 220029 93821452 RENEGADE 22029		174E PNP 180052	96 81	110 90	105 57	88 37	92 40	97 61	102 33	97 55	108 39	102 0.65	88 1.06	112 47	110 22.3	105 9.4	106 119	105 36.5	100 134	98 -73	114 23.0	91 0.6	90 -1.3	116 43.4	109 28	113 43	107 1.04	109 0.85	108 0.10
PNP 220076 95562815 SIMON 22076		6153 PNP 140018	105 73	96 76	101 55	120 33	110 41	119 55	91 30	116 50	93 28	102 0.60	108 0.26	80 13	96 16.2	101 8.3	106 118	93 28.2	91 98	89 -61	95 13.6	106 -9.7	109 -4.3	105 38.3	91 17	93 24	92 -0.08	91 -0.91	99 -0.33
PNP 220090 94143724 MAGIC 22090	1	WDW 190007 PNP 190038	99 72	97 77	99 52	111 36	112 34	111 54			98 20	99 0.86	102 0.50	88 21	97 16.6	99 7.6	102 109	97 31.1	100 132	102 -78	94 12.8	117 -17.2	105 -3.6	99 35.6	97 21	99 30	97 0.29	90 -1.03	95 -0.52
PNP 220199 94866696 PRINCE 22199	2	WDW 190007 PNP 190083	102 68	80 59	106 48	99 33	103 37	94 48			89 16	104 0.47	97 0.68	99 33	80 9.6	106 9.8	90 83	86 23.7	95 115	98 -73	83 7.6	104 -8.6	97 -2.5	109 40.2	97 21	93 24	95 0.11	87 -1.29	89 -0.83
PNP 230030 95415964 DUSTIN 23030		84F PNP 200095	96 89	134 88	111 83	94 82	111 66	107 80	137 82	113 80	134 82	99 0.84	95 0.79	105 39	134 32.3	111 11.3	133 178	128 51.3	133 255	116 -96	129 30.6	103 -7.8	106 -3.9	129 49.2	123 37	133 63	124 2.28	95 -0.56	116 0.49
PNP 230169 95916466 HUNTER 23169	2	PNP 200089 PNP 200074	95 66	106 71	99 48	84 31	76 32	87 50			105 13	99 0.82	91 0.93	118 52	106 20.4	99 7.8	97 98	103 35.2	104 148	101 -76	109 20.3	78 9.7	84 -0.5	92 32.7	108 27	108 39	107 1.07	93 -0.78	95 -0.52
PNP 230190 96395744 SOX 23190	2	PNP 200089 PNP 190110	99 65	104 70	101 48	94 30	88 31	97 49			110 16	102 0.62	93 0.85	106 40	104 19.8	101 8.3	102 109	104 35.6	110 171	105 -81	109 20.4	88 3.0	96 -2.2	91 32.3	115 32	114 44	113 1.50	92 -0.81	100 -0.31
PNP 240029 96831987 HOUSTON 24029	1	H65 PNP 190092	114 65	86 67	98 40	110 22	98 27	105 44			91 8	115 -0.31	99 0.60	90 23	86 12.3	98 7.5	94 92	84 22.9	92 102	93 -67	94 13.1	101 -6.2	91 -1.5	117 43.7	89 15	93 24	89 -0.29	100 -0.04	110 0.18
PNP 240038 96959747 LYONS 24038	2	PNP 200054 PNP 190063	97 64	103 65	104 46	94 32	87 32	96 48	102 27	97 44	102 28	101 0.67	92 0.91	105 39	103 19.3	104 9.2	104 113	101 33.9	101 137	95 -68	102 16.9	93 -0.9	84 -0.4	106 38.7	103 24	105 36	105 0.90	88 -1.26	102 -0.21
PNP 240044 96959762 FORESTER 24044		H65 WDW 180172	112 65	79 68	99 39	115 26	91 27	97 46			81 16	113 -0.21	100 0.58	84 18	79 9.0	99 7.7	91 86	75 16.9	79 55	78 -47	95 13.6	99 -5.1	86 -0.8	100 36.0	75 7	83 14	78 -1.17	102 0.18	102 -0.17
PNP 240046 96959770 FROSTED 24046		PNP 200054 PNP 190049	98 65	125 68	90 47	90 30	104 28	95 48	112 23	97 43	115 24	99 0.85	99 0.61	111 45	125 28.5	90 5.1	106 118	118 44.7	110 172	108 -86	112 21.8	101 -6.5	100 -2.9	115 43.1	101 23	110 41	107 1.02	105 0.49	103 -0.16

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ID Number Name																														
PNP 240054 97114995 STREET 24054	H65 KRM 210005			106 63	99 69	101 39	118 29	114 29	121 46			96 24	108 0.18 76	95 0.75 36	82 15 29	99 17.6 69	101 8.2 39	108 123 46	96 30.5 27	98 124 25	98 -73 7	99 15.6 26	113 -14.8 31	112 -4.7 18	97 35.0 38	92 17 27	97 27 26	96 0.21 25	101 0.01 24	103 -0.15 23
PNP 240059 97229835 JACKSON 24059	H65 PNP 200080			113 63	82 67	99 39	126 27	101 27	109 45			85 14	117 -0.47 74	93 0.84 39	76 9 27	82 10.6 67	99 7.8 39	99 102 44	80 20.3 16	87 86 15	93 -66 12	91 11.2 16	108 -11.4 27	91 -1.6 14	108 39.8 41	85 13 16	87 18 16	90 -0.21 14	92 -0.80 13	115 0.43 13
PNP 240060 97229843 BUFF 24060	2 PNP 200089 PNP 210065			99 65	109 70	95 47	96 32	80 33	88 49			107 13	100 0.74 75	98 0.63 42	104 38 32	109 21.5 70	95 6.5 47	101 107 50	105 36.2 22	106 154 14	101 -76 12	106 18.8 16	83 6.3 36	83 -0.2 18	104 38.1 44	112 30 17	115 45 16	114 1.59 14	90 -1.00 12	90 -0.77 12
PNP 240063 97278949 DALTON 24063	KC 210001 PNP 200095			97 66	122 70	111 47	79 29	97 30	102 48	120 20	105 42	122 24	101 0.70 76	92 0.90 43	122 56 29	122 27.4 70	111 11.2 47	116 140 49	119 45.2 32	117 197 24	108 -86 13	122 27.1 26	88 2.6 30	102 -3.2 17	115 42.9 42	123 37 27	126 56 26	117 1.77 25	104 0.31 23	104 -0.07 23
PNP 240115 97411516 GAYLE 24115	4 PNP 200089 PNP 190148			97 66	106 71	93 50	109 31	78 31	88 50			102 13	98 0.95 76	99 0.61 45	90 24 31	106 20.4 71	93 5.9 50	103 111 51	102 34.6 24	102 140 14	99 -74 13	105 18.2 16	72 13.9 31	93 -1.8 19	92 32.8 43	107 27 17	107 38 16	103 0.76 14	94 -0.60 12	97 -0.41 12
PNP 240123 97540249 DELTA 24123	KC 210001 PNP 130048			103 68	93 72	99 53	97 29	89 35	99 51			89 16	100 0.73 77	107 0.28 49	102 36 29	93 15.2 72	99 7.8 53	94 91 51	91 27.4 32	87 83 17	86 -57 6	94 13.1 19	85 4.4 37	96 -2.4 23	98 35.5 45	99 22 20	95 26 19	93 -0.04 16	91 -0.90 15	89 -0.81 15
PNP 240145 97540363 SPITFIRE 24145	KC 210001 PNP 200008			103 66	111 70	107 50	94 35	100 29	108 50			110 18	106 0.29 75	94 0.82 45	105 38 35	111 22.5 70	107 10.0 50	112 131 52	111 39.8 29	107 160 20	103 -79 12	109 20.6 22	90 1.4 30	107 -4.0 16	108 39.5 41	113 31 22	113 44 21	113 1.49 19	105 0.42 17	108 0.10 17
PNP 240164 97827125 JUMBO 24164	PNP 200089 PNP 190075			101 67	106 71	110 50	89 33	77 34	96 51	111 24	98 46	110 22	105 0.42 76	93 0.84 46	111 45 33	106 20.4 71	110 10.8 50	108 122 51	104 35.6 28	109 165 24	100 -75 21	113 22.4 27	77 10.4 37	84 -0.4 21	99 35.8 45	112 30 27	116 46 26	115 1.63 22	84 -1.59 21	101 -0.26 20
PNP 240165 97827133 VANGUARD 24165	KC 210001 PNP 210112			98 66	117 70	102 47	80 31	90 30	96 49			117 16	98 0.91 76	100 0.57 43	122 56 31	117 25.0 70	102 8.6 47	105 116 49	116 43.3 29	115 189 18	112 -90 8	111 21.2 20	82 6.6 35	98 -2.7 16	105 38.5 40	115 31 20	117 47 19	114 1.59 17	108 0.72 16	108 0.12 16
PNP 250005 98411002 SKYCHIEF 25005	44D PNP 220078			109 62	96 66	112 36	100 19	116 27	123 42			102 14	107 0.28 74	106 0.31 35	99 32 19	96 16.4 66	112 11.5 36	94 92 40	92 27.6 22	104 150 15	104 -80 10	104 17.7 16	116 -16.5 31	116 -5.3 12	88 30.8 38	105 26 16	105 35 15	103 0.72 14	86 -1.46 13	112 0.31 13
PNP 250011 98411044 SAMSUNG 25011	1 PNP 220029 PNP 190065			105 65	104 66	116 47	83 34	84 32	101 49	104 26	102 44	108 27	112 -0.09 75	86 1.12 44	116 51 34	104 19.7 66	116 12.5 47	109 124 49	101 33.5 28	103 144 28	97 -71 22	110 20.9 29	85 5.0 35	83 -0.3 18	114 42.6 42	107 27 31	111 41 30	113 1.52 28	91 -0.96 26	109 0.13 26
PNP 250016 98729023 SABLE 25016	1 PNP 220029 PNP 170054			91 66	113 69	107 48	90 31	86 32	92 49	100 22	93 44	106 24	95 1.14 75	91 0.94 46	110 44 31	113 23.2 69	107 10.1 48	111 130 49	109 38.6 31	100 134 24	100 -75 17	108 19.9 25	86 4.0 35	89 -1.2 17	106 38.7 44	107 27 27	108 39 26	104 0.80 24	101 0.08 23	105 -0.05 23

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PNP 250019 6020615834 25019	1	PNP 220029 PNP 220085	99 62	110 56	102 37	100 26	98 27	101 42	103 20	101 38	106 23	103 0.53 74	90 0.96 37	99 32 26	110 22.0 56	102 8.6 37	110 127 40	106 36.6 25	102 139 23	97 -72 14	107 19.4 25	94 -1.6 33	98 -2.7 12	111 41.3 36	104 25 26	110 40 25	104 0.83 24	107 0.70 22	115 0.45 21	
PNP 250020 98729049 VIETNAM 25020		44D PNP 220091	108 61	94 65	104 35	98 20	104 26	114 42			94 10	106 0.34 73	106 0.31 35	102 35 20	94 15.6 65	104 9.1 35	86 72 40	91 27.0 21	97 123 11	98 -73 7	96 13.9 13	108 -10.9 31	104 -3.5 11	86 29.9 37	98 21 13	96 27 12	95 0.16 11	86 -1.39 10	108 0.10 10	
PNP 250024 98979867 UGANDA 25024		PNP 220029 PNP 220088	99 55	98 58	105 40	99 28	102 30	106 42	98 20	106 38	98 24	103 0.55 62	93 0.86 39	100 33 28	98 17.1 58	105 9.4 40	103 111 42	98 32.0 26	98 127 24	100 -75 14	96 13.7 25	107 -10.2 35	97 -2.5 15	100 36.4 40	100 22 27	100 31 26	100 0.53 24	95 -0.52 23	100 -0.30 23	
PNP 250025 98979875 GATOR 25025	2	PNP 220029 PNP 220124	98 54	99 57	97 41	95 27	96 30	96 42			98 20	99 0.83 61	97 0.68 40	105 39 27	99 17.4 57	97 7.1 41	94 92 42	96 30.3 26	97 121 22	98 -72 14	102 16.7 23	100 -5.9 35	93 -1.8 15	102 37.1 41	101 23 25	103 34 24	100 0.53 21	99 -0.15 20	101 -0.25 20	
PNP 250033 99147423 FERDI 25033		PNP 220029 WDW 180172	103 68	98 71	105 47	90 32	89 32	101 50	94 24	100 45	98 25	105 0.37 78	95 0.79 47	110 44 32	98 16.9 71	105 9.4 47	98 101 50	94 29.2 28	91 99 26	87 -59 19	110 20.8 28	92 -0.3 33	86 -0.8 18	108 39.7 44	94 19 29	100 31 28	97 0.27 26	106 0.50 24	101 -0.24 24	
PNP 250049 99147480 EASTHILL 25049	4	PNP 220029 PNP 200074	95 66	96 70	105 47	86 32	84 31	93 49			93 21	98 0.89 76	93 0.87 44	115 49 32	96 16.1 70	105 9.4 47	95 94 50	94 28.8 28	89 92 22	90 -63 14	101 16.3 23	90 1.4 35	82 -0.1 16	104 37.9 41	94 19 24	96 26 24	96 0.19 22	100 0.00 20	98 -0.40 20	
PNP 250059 99179616 UMTATA 25059		KC 210001 PNP 210049	100 65	102 70	104 45	98 30	108 30	109 48			101 20	100 0.77 76	101 0.55 41	101 34 30	102 18.8 70	104 9.0 45	104 114 48	104 35.9 28	103 146 21	103 -79 8	94 12.7 23	109 -11.5 35	107 -3.9 15	93 33.0 40	101 23 23	101 32 23	101 0.59 21	96 -0.40 19	100 -0.29 19	
PNP 250062 99179632 UITKYK 25062		PNP 220029 KRM 180096	104 68	100 73	105 50	105 35	101 33	112 52	100 25	111 47	99 30	108 0.18 78	93 0.86 46	94 27 35	100 18.1 73	105 9.5 50	108 122 53	101 33.4 32	100 133 31	101 -77 16	96 14.0 33	107 -10.4 34	95 -2.2 21	100 36.3 44	95 20 34	97 28 33	102 0.63 31	96 -0.44 29	102 -0.21 29	
PNP 250084 99179731 KNIGHT 25084		44D PNP 220016	110 62	113 66	110 38	90 28	104 23	116 44			118 20	109 0.14 74	104 0.40 35	110 44 28	113 23.3 66	110 10.9 38	101 108 44	105 36.2 25	117 196 21	111 -89 13	120 25.8 21	100 -5.9 23	108 -4.1 9	95 34.0 36	113 31 23	118 48 22	110 1.26 21	98 -0.26 20	117 0.52 19	
PNP 250091 99179764 RAZOR 25091	1	PNP 220029 FF 140220	104 68	92 60	97 49	108 34	84 34	98 48	83 22	95 43	85 22	104 0.44 78	101 0.55 47	92 25 34	92 14.7 60	97 7.1 49	95 94 48	88 25.4 34	80 60 25	81 -51 16	97 14.7 26	97 -3.5 36	77 0.6 22	98 35.3 45	87 14 27	87 18 27	87 -0.45 23	98 -0.22 22	85 -0.99 21	
PNP 250105 99185290 BOK 25105	1	PNP 230030 PNP 220134	98 63	106 67	101 39	93 26	107 27	104 45			105 18	99 0.83 74	99 0.60 38	107 41 26	106 20.4 67	101 8.1 39	102 109 44	104 35.5 22	107 160 18	102 -78 9	101 16.6 20	107 -10.4 33	103 -3.3 12	109 40.2 37	103 24 21	106 36 20	103 0.77 18	90 -1.01 17	103 -0.15 15	
PNP 250109 99185308 JACK 25109		KC 210001 PNP 210125	102 65	105 71	94 47	97 32	95 30	98 49			101 16	99 0.87 76	108 0.23 42	103 37 32	105 20.2 71	94 6.3 47	98 100 50	105 36.1 32	102 140 18	102 -78 8	98 15.1 20	96 -2.5 34	97 -2.5 15	98 35.5 40	103 25 20	103 33 19	99 0.45 17	104 0.31 16	104 -0.11 15	

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ID Number Name																														
PNP 250112 99185332 VENOM 25112	4	PNP 220076 PNP 180055	97 66	89 70	89 49	111 33	100 34	92 50	85 22	89 44	82 22	96 1.05 75	103 0.45 47	89 22 33	89 13.1 70	89 4.8 49	86 74 51	88 25.2 34	84 74 24	85 -57 19	90 10.8 26	101 -6.0 37	99 -2.7 22	102 37.2 44	91 17 27	85 16 26	87 -0.50 23	93 -0.77 21	101 -0.24 21	
PNP 250117 99185373 SWEETCHUCK 25117	1	PNP 220029 PNP 200007	101 66	95 70	104 49	94 31	94 29	102 49	98 21	101 43	102 22	104 0.45 75	93 0.85 45	105 39 31	95 15.9 70	104 9.2 49	98 100 50	96 30.4 26	100 133 23	96 -70 17	110 21.1 24	92 -0.2 29	95 -2.2 15	110 40.7 42	103 24 26	105 36 25	107 1.04 23	108 0.78 22	103 -0.13 21	
PNP 250135 99235467 MAESTRO 25135	1	PNP 220029 PNP 190038	103 66	102 56	103 45	113 32	98 28	110 45	94 20	108 40	98 24	104 0.46 76	98 0.64 43	86 20 32	102 18.6 56	103 8.8 45	110 127 44	98 31.6 27	93 108 24	94 -68 15	103 17.6 25	103 -7.6 29	93 -1.8 14	104 38.2 41	91 17 26	97 28 26	94 0.08 24	104 0.32 23	101 -0.22 22	
PNP 250138 99235475 SHARKY 25138		KC 210001 PNP 160108	101 68	119 72	93 53	82 34	101 33	99 52	112 22	101 46	114 21	104 0.44 77	93 0.84 48	120 54 34	119 25.9 72	93 5.9 53	100 105 53	117 43.9 35	111 173 24	103 -79 17	115 23.3 26	89 1.7 33	112 -4.7 19	102 36.9 46	114 31 26	116 46 25	115 1.64 22	111 1.00 20	113 0.32 20	
PNP 250139 99235483 BOMBER 25139		KC 210001 PNP 210102	105 65	90 70	90 48	100 31	90 31	92 49			89 16	100 0.76 75	112 0.07 42	100 34 31	90 13.8 70	90 5.2 48	85 70 50	91 26.9 28	89 92 19	91 -63 8	88 9.8 21	92 0.1 35	94 -1.9 16	94 33.6 41	89 16 21	89 20 20	88 -0.39 17	99 -0.16 15	96 -0.48 15	
PNP 250160 99240061 SUNNY 25160	1	PNP 220029 PNP 200008	101 65	107 69	109 48	95 36	98 29	105 50	104 21	106 44	108 22	108 0.16 75	84 1.24 44	104 38 36	107 21.0 69	109 10.6 48	111 130 51	105 36.5 26	103 145 23	100 -76 17	112 22.0 24	93 -0.5 30	99 -2.8 15	114 42.4 41	113 30 26	113 44 25	114 1.53 23	104 0.32 22	108 0.11 21	
PNP 250171 6020047764 GAP 25171	1	PNP 220029 PNP 190148	103 66	94 70	100 48	112 33	85 30	101 50	87 20	99 44	90 21	104 0.47 76	98 0.65 44	87 20 33	94 15.3 70	100 8.0 48	101 107 50	91 26.9 25	87 83 22	88 -59 15	96 14.0 23	84 5.3 30	90 -1.4 18	102 37.0 41	93 18 24	94 25 24	91 -0.16 22	102 0.18 20	100 -0.30 20	
PNP 250175 6020047798 VLAM 25175		44D PNP 210112	110 63	89 68	110 39	98 26	90 27	106 45			97 9	107 0.26 75	110 0.16 37	101 35 26	89 13.5 68	110 10.9 39	89 80 44	88 25.2 22	101 137 10	103 -79 6	100 16.0 11	91 0.7 31	94 -2.0 13	94 33.6 38	99 22 12	97 28 11	97 0.26 9	93 -0.69 9	111 0.26 9	
PNP 250179 6020047822 GRANDSLAM 25179		PNP 220029 WDW 210172	97 67	119 71	114 43	77 32	108 30	107 49	127 23	111 44	128 27	104 0.49 78	85 1.20 42	124 58 32	119 25.8 71	114 12.0 43	115 137 49	121 46.3 28	129 240 28	128 -111 16	123 27.7 29	96 -2.5 32	114 -5.0 17	112 41.5 42	129 41 30	129 59 30	128 2.59 28	101 0.10 26	115 0.43 25	
PNP 260007 6020056013 GATSBY 26007	3	PNP 230030 PNP 220106	100 61	117 52	103 33	104 22	89 26	99 39			115 16	101 0.67 73	98 0.67 34	95 29 22	117 25.1 52	103 8.8 33	118 144 36	113 41.3 20	114 187 16	106 -82 9	114 23.0 18	81 7.6 30	97 -2.4 13	110 40.5 35	112 30 19	116 47 18	110 1.28 17	94 -0.61 15	106 -0.02 14	
PNP 260018 6020448590 DUMI 26018	1	PNP 220029 FF 140238	98 68	107 61	85 51	91 33	93 35	87 49	93 23	86 44	96 24	100 0.74 77	95 0.79 49	110 44 33	107 20.9 61	85 3.5 51	89 79 48	101 33.7 36	91 101 25	91 -63 19	102 16.7 27	94 -1.8 38	92 -1.6 22	104 38.0 44	99 22 28	101 32 27	98 0.37 24	98 -0.21 23	103 -0.14 22	
PNP 260021 6020448855 SAXBY 26021	1	PNP 220199 PNP 140009	104 65	99 49	92 47	98 32	87 33	94 44			95 18	100 0.74 74	109 0.22 47	102 36 32	99 17.4 49	92 5.7 47	92 87 43	98 32.0 24	97 122 20	99 -73 16	89 10.6 22	87 3.5 36	93 -1.8 20	97 35.1 42	102 24 22	98 29 21	94 0.08 19	88 -1.18 17	95 -0.54 17	

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	PNP 260024 6020448871 SAMBO 26024	1	PNP 220029 PNP 170054	95 67	108 59	109 48	93 31	86 31	96 47	96 22	95 42	101 24	99 0.81 76	91 0.95 46	106 40 31	108 21.5 59	109 10.6 48	111 129 46	105 36.3 31	96 117 24	96 -70 17	104 17.9 25	87 3.2 35	88 -1.0 17	106 38.9 42	102 24 27	103 34 26	100 0.48 24	101 0.04 23	103 -0.13 23
	PNP 260025 6020448889 LUIGI 26025	2	PNP 220029 PNP 190062	84 66	110 59	97 48	84 32	100 31	88 47	102 26	89 43	105 27	87 1.72 75	94 0.81 46	117 52 32	110 22.3 59	97 7.2 48	99 102 46	108 38.3 28	103 145 27	96 -70 21	109 20.4 29	100 -5.3 36	98 -2.6 16	106 38.7 41	107 27 30	110 41 30	110 1.26 28	92 -0.85 26	98 -0.37 26
	PNP 260031 6020448947 SANGA 26031	2	PNP 220029 PNP 230023	101 62	111 56	96 36	92 27	84 25	92 41			106 23	103 0.54 74	96 0.75 37	109 43 27	111 22.8 56	96 6.9 36	102 109 40	106 37.1 25	101 139 23	98 -72 13	105 18.4 24	84 5.4 27	86 -0.8 12	108 39.8 36	103 24 26	108 39 25	100 0.54 24	103 0.29 22	112 0.31 21
	PNP 260034 6020448962 SHAKA 26034	1	PNP 220029 PNP 220078	102 64	94 58	111 43	95 26	114 30	115 44	95 21	113 39	97 24	106 0.35 74	92 0.89 41	104 38 26	94 15.3 58	111 11.2 43	103 112 42	93 28.3 27	95 113 24	95 -69 16	98 15.0 25	117 -17.0 36	106 -3.8 15	103 37.7 39	100 22 26	101 31 26	99 0.46 24	97 -0.36 23	101 -0.23 22
	PNP 260048 6020769987 SAXBY 26048	1	PNP 240029 PNP 230198	104 59	106 48	99 31	98 20	95 22	101 36			103 12	107 0.22 70	93 0.85 34	102 36 20	106 20.4 48	99 7.8 31	103 112 33	102 34.1 18	101 135 14	100 -75 10	104 17.8 14	95 -1.9 23	92 -1.7 11	116 43.2 31	101 23 15	105 36 14	99 0.43 13	101 0.10 12	108 0.11 12
	PNP 260062 6020906498 CHUCK 26062		PNP 230030 PNP 200057	102 63	110 53	99 41	98 28	108 27	106 42			113 16	103 0.56 74	100 0.56 40	102 35 28	110 22.3 53	99 7.7 41	106 119 41	106 37.0 20	115 188 19	109 -87 11	109 20.6 21	100 -5.8 27	111 -4.5 16	106 38.8 38	113 30 22	114 44 21	112 1.42 17	91 -0.92 16	111 0.27 15
	PNP 260063 6020906506 SUGARMAN 26063		PNP 230030 PNP 190016	99 65	120 54	99 45	87 26	115 26	107 43			115 20	101 0.70 74	97 0.70 44	114 48 26	120 26.4 54	99 7.7 45	108 123 42	114 41.7 22	112 177 21	100 -75 13	119 25.3 23	109 -11.7 25	111 -4.6 16	117 43.6 38	105 25 23	111 42 23	105 0.92 21	105 0.41 19	116 0.47 18
	PNP 260068 6020914419 JOCK 26068	4	PNP 220029 PNP 210080	95 66	111 59	95 45	90 33	95 31	91 46			105 21	98 0.92 76	94 0.82 43	111 45 33	111 22.6 59	95 6.4 45	99 103 46	108 38.2 28	102 139 22	102 -78 14	106 18.9 23	91 0.6 36	97 -2.5 17	110 40.8 40	106 26 25	108 38 24	105 0.89 22	104 0.35 20	106 -0.01 20
	PNP 260069 6020914427 INSTABULL 26069		KC 210001 PNP 190136	104 66	102 57	109 49	84 32	95 32	108 46			105 16	106 0.29 76	96 0.72 45	117 51 32	102 18.8 57	109 10.4 49	102 109 46	102 34.5 28	103 144 18	100 -75 10	102 17.2 20	92 -0.2 35	101 -3.0 20	98 35.3 41	105 26 20	106 37 19	104 0.83 17	102 0.11 15	101 -0.24 15
	PNP 260074 6020914385 BEETLE 26074	1	PNP 230030 PNP 220134	96 63	106 53	100 38	93 26	107 27	101 41			104 18	96 1.06 74	100 0.57 38	106 40 26	106 20.7 53	100 7.9 38	102 109 39	105 36.1 22	106 154 18	101 -77 9	100 16.0 20	107 -10.4 33	103 -3.3 12	110 40.5 36	102 24 21	104 35 20	102 0.67 18	90 -1.02 17	102 -0.18 15
	PNP 260084 6020914443 THORN 26084	2	PNP 220029 PNP 180023	99 67	106 59	110 49	87 33	96 31	103 47	105 20	104 42	107 20	103 0.51 76	90 0.96 46	113 47 33	106 20.3 59	110 10.7 49	107 119 47	103 35.1 26	105 153 22	103 -79 15	110 21.0 23	92 -0.3 31	98 -2.6 19	109 40.3 42	109 28 24	111 42 24	110 1.26 21	99 -0.19 20	104 -0.10 20

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ID Number Name																													
FF 130229 78226479 FF 130229	1	BH 100078 FF 090237	98 83	92 78	52 78	113 42	69 55	59 65	76 28	57 58	72 24	89 1.57 85	123 -0.35 80	90 23 42	92 14.6 78	52 -6.0 78	56 6 66	84 22.9 66	76 43 27	79 -48 26	78 4.9 30	90 1.5 60	67 2.2 38	78 26.2 66	85 13 31	78 10 30	77 -1.18 25	83 -1.75 23	94 -0.57 22
FF 140238 80323926 FF 140238	1	BH 100078 FF 080226	93 85	106 82	63 84	95 54	93 57	71 70	84 32	69 62	84 26	92 1.32 86	103 0.44 83	108 42 54	106 20.6 82	63 -2.9 84	71 40 73	99 32.6 57	83 69 32	83 -54 28	89 10.5 35	98 -4.1 64	94 -2.0 40	92 32.7 67	90 16 36	90 21 34	89 -0.31 27	88 -1.27 25	98 -0.37 24
PNP 140009 81515157 SANDRA		71U719T WDW 120003	102 83	119 79	78 81	97 55	72 53	77 68	98 34	77 61	101 32	94 1.25 84	120 -0.26 80	104 38 55	119 25.8 79	78 1.4 81	94 90 72	112 41.0 41	99 129 35	99 -74 30	95 13.6 38	69 15.7 57	89 -1.2 37	86 29.9 66	106 26 39	102 33 38	94 0.04 34	89 -1.08 31	101 -0.24 31
PNP 150081 86808235 SUZIE 15081		WDW 110032 PNP 100020	112 83	99 74	121 82	85 48	82 51	107 65	105 29	107 58	104 20	116 -0.42 84	92 0.89 80	114 49 48	99 17.6 74	121 13.9 82	110 127 68	101 33.6 37	103 146 31	103 -78 25	100 16.2 33	85 4.6 54	84 -0.4 34	102 37.2 66	107 27 33	107 38 33	112 1.38 20	89 -1.15 19	120 0.69 18
WDW 160127 84303163 SOLINDA	1	ZK 130097 WDW 140020	96 85	74 82	107 84	109 62	97 58	86 72	81 38	83 65	81 40	95 1.12 86	102 0.50 82	90 23 62	74 6.9 82	107 10.0 84	90 82 76	79 19.8 42	83 68 43	82 -52 30	78 4.8 47	112 -13.6 66	88 -1.0 39	87 30.3 68	89 16 48	88 19 46	80 -0.97 41	104 0.32 38	89 -0.83 37
PNP 170008 85357630 JOSIE 17008		WLB90X FF 140238	108 82	114 80	60 81	99 59	87 48	77 69	89 37	76 63	89 34	103 0.53 84	113 0.03 77	104 37 59	114 23.7 80	60 -3.7 81	76 50 73	109 38.9 54	85 76 38	84 -55 33	84 7.7 42	91 0.6 47	89 -1.2 31	96 34.4 65	84 13 43	88 19 41	91 -0.17 35	91 -0.97 32	103 -0.15 31
PNP 170009 85357648 MIMSI 17009		WLB90X PNP 140014	113 81	105 78	83 80	109 64	97 45	102 69	92 40	100 63	93 38	105 0.41 83	120 -0.25 78	92 25 64	105 20.3 78	83 3.1 80	93 90 74	100 33.2 52	87 86 42	89 -61 35	86 9.0 45	106 -9.9 43	87 -0.9 26	106 39.0 65	85 13 46	87 18 44	89 -0.31 39	100 -0.01 36	88 -0.85 36
PNP 170054 86394111 SANDRA 17054	1	PNP 140007 PNP 140009	90 81	108 76	112 76	98 50	81 49	90 65	90 27	89 57	95 27	93 1.29 83	94 0.80 77	100 34 50	108 21.5 76	112 11.4 76	116 141 67	107 37.2 44	91 101 29	95 -68 23	94 12.8 31	83 5.9 56	86 -0.7 28	96 34.4 62	96 20 31	94 25 30	92 -0.09 28	93 -0.77 26	99 -0.35 26
PNP 170079 86394202 BEV 17079		JR 130005 PNP 110007	108 80	80 72	69 80	109 54	76 53	66 66	69 26	62 58	70 25	100 0.76 82	121 -0.27 76	92 26 54	80 9.7 72	69 -1.1 80	61 17 69	76 17.8 48	70 22 28	74 -41 21	74 2.9 30	89 2.2 63	73 1.2 33	93 33.2 63	73 6 30	71 2 30	78 -1.13 26	97 -0.38 24	89 -0.81 24
WDW 170159 86527892 ROLENE	4	DVB 140098 WDW 150048	99 81	84 78	97 80	129 55	98 47	100 67	93 34	99 60	89 24	97 1.01 83	107 0.29 77	73 6 55	84 11.1 78	97 7.1 80	96 96 71	93 28.6 38	99 130 37	98 -72 27	80 6.0 41	101 -6.4 49	98 -2.6 29	91 32.4 62	85 13 42	94 24 40	96 0.21 24	85 -1.52 23	95 -0.52 22
KRM 180096 88039904 UGIE 180096	3	KRM 130069 KRM 100032	109 81	100 80	103 80	122 58	111 51	126 68	102 36	125 62	94 46	111 -0.03 83	96 0.72 76	78 11 58	100 17.8 80	103 8.9 80	113 133 73	103 35.0 49	104 149 48	108 -85 21	82 7.1 53	120 -19.4 54	103 -3.4 38	85 29.5 62	87 14 53	86 17 52	101 0.57 47	83 -1.69 44	97 -0.42 43
PNP 180023 87639589 BEE 18023		PNP 140066 PNP 120028	100 81	102 78	114 79	86 53	100 47	107 66			106 14	103 0.52 83	93 0.84 76	113 47 53	102 18.7 78	114 11.9 79	107 120 70	102 34.2 29	110 171 20	108 -86 17	106 19.0 22	94 -1.2 45	106 -3.9 33	102 37.3 62	110 28 22	110 41 22	113 1.48 14	88 -1.22 14	100 -0.30 13

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ID Number Name																														
PNP 180033 87639670 DELIA 18033		P43145081 PNP 130048	95 81	94 78	82 79	95 53	94 52	84 67			82 21	91 1.41 83	109 0.19 76	107 41 53	94 15.5 78	82 2.8 79	78 57 70		90 26.7 38	84 74 22	89 -61 11	88 9.8 24	93 -0.9 53	98 -2.6 38	94 33.6 64	93 18 27	86 17 26	88 -0.37 22	87 -1.29 20	85 -1.01 20
PNP 180052 87639803 IVY 18052		P43145081 PNP 120041	93 81	102 78	101 77	80 43	93 51	94 64			100 22	93 1.27 84	100 0.57 75	122 56 43	102 18.8 78	101 8.4 77	94 92 66		99 32.2 40	99 131 23	103 -79 12	99 15.6 25	97 -3.7 58	91 -1.5 29	100 36.2 66	98 21 28	102 32 27	111 1.36 22	91 -0.96 21	97 -0.42 21
PNP 180055 87639837 VERONICA 18055	2	JR 130005 FF 140261	87 82	92 80	75 79	99 56	90 53	70 68	84 33	69 61	77 34	90 1.52 85	95 0.78 76	102 36 56	92 14.4 80	75 0.8 79	72 43 72		92 27.5 54	83 69 37	86 -57 26	89 10.4 40	92 0.1 58	92 -1.6 37	98 35.5 64	95 19 41	83 14 40	87 -0.47 35	95 -0.58 33	105 -0.04 32
PNP 180063 90891458 MEGAN 18063	2	PNP 140007 FF 140234	95 80	84 71	96 78	123 53	103 50	94 64	69 26	89 56	71 24	94 1.18 83	101 0.51 73	78 11 53	84 11.1 71	96 6.7 78	93 89 67		84 22.5 40	72 27 28	78 -48 22	82 6.7 29	128 -24.6 55	81 -0.1 33	90 31.6 61	76 7 30	73 4 29	76 -1.27 25	89 -1.11 24	94 -0.59 24
PNP 180087 90891482 URSULA 18087	2	JR 130005 PNP 130013	108 79	85 68	70 75	84 49	103 51	83 62	81 31	81 56	79 31	102 0.65 82	117 -0.11 74	120 55 49	85 11.7 68	70 -0.7 75	59 12 64		83 22.1 49	81 61 34	83 -54 26	82 7.0 36	109 -11.7 56	102 -3.1 33	85 29.4 63	76 8 36	75 6 35	85 -0.62 32	95 -0.51 30	99 -0.33 30
WDW 180172 87943775 FRIEDA	3	HZ 150010 WDW 140020	108 82	84 69	105 73	92 52	86 48	94 63	86 34	92 57	86 31	107 0.24 84	102 0.47 78	107 41 52	84 11.3 69	105 9.4 73	90 82 65		82 21.5 34	81 61 35	75 -43 31	105 18.3 38	94 -1.1 51	83 -0.3 30	100 36.4 62	78 9 39	87 18 38	85 -0.62 32	102 0.14 30	93 -0.61 29
PNP 190016 88553763 SWEETIE 19016		P43384585 PNP 160108	100 90	107 90	87 90	80 86	119 70	102 84	99 86	102 84	96 86	101 0.69 90	99 0.59 90	124 58 86	107 20.8 90	87 4.1 90	85 72 89		99 32.6 56	91 98 86	82 -53 85	108 20.1 86	115 -15.6 36	116 -5.3 85	104 38.1 88	87 14 86	90 21 86	87 -0.44 86	115 1.39 85	115 0.45 85
PNP 190039 89069694 KIRSTY 19039		P43384585 PNP 170007	98 79	125 74	86 72	101 44	121 43	102 61	112 27	104 54	114 28	91 1.41 82	117 -0.11 74	100 33 44	125 28.4 74	86 3.9 72	108 122 63		116 43.3 34	114 186 30	115 -94 22	106 18.8 33	117 -17.3 52	116 -5.4 22	109 40.1 55	98 21 33	106 36 32	112 1.44 29	93 -0.77 27	94 -0.57 26
PNP 190049 89069769 MIMSI 19049		P43384585 PNP 170009	110 77	110 74	95 72	102 44	106 36	109 60	101 28	109 54	102 30	104 0.51 80	116 -0.07 70	97 31 44	110 22.2 74	95 6.6 72	105 116 63		106 36.6 33	100 134 31	105 -82 23	97 14.5 34	105 -9.4 33	101 -3.1 19	112 41.7 56	77 8 34	89 20 34	94 0.07 31	99 -0.19 29	92 -0.66 27
PNP 190061 89069785 CHARLIZE 19061		PNP 160013 PNP 150003	111 77	92 75	121 75	92 54	101 47	114 64	104 22	114 56	101 20	115 -0.37 80	92 0.88 70	106 40 54	92 14.4 75	121 14.0 75	108 123 68		89 25.9 28	103 145 24	104 -81 19	102 16.8 25	84 5.4 54	118 -5.7 31	95 34.1 56	113 30 26	106 36 25	112 1.42 21	86 -1.39 19	106 0.01 19
PNP 190062 89117345 LU-LU 19062		BMH 150111 PNP 140017	77 90	109 89	91 89	81 85	107 76	85 84	103 84	86 84	102 84	77 2.47 91	99 0.61 88	122 56 85	109 21.7 89	91 5.4 89	91 85 88		109 39.1 60	106 156 84	93 -67 84	104 17.8 84	108 -11.3 58	106 -3.8 83	95 33.9 86	104 25 85	108 39 84	113 1.47 84	75 -2.55 84	89 -0.83 84
PNP 190064 89117352 VIRGINIA 19064		PNP 140066 PNP 120015	99 78	94 77	100 77	90 52	95 40	99 64			95 14	97 0.99 81	105 0.36 72	111 45 52	94 15.6 77	100 8.0 77	92 87 69		95 29.5 30	97 123 19	98 -72 17	92 11.8 21	100 -5.8 39	91 -1.6 23	98 35.3 59	98 21 22	97 28 21	98 0.36 15	89 -1.10 14	96 -0.49 13

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ID Number Name																														
PNP 190065 90994310 SUZIE 19065		BMH 150111 PNP 150081	107 78	99 66	125 73	81 56	75 48	99 62	103 40	99 58	103 38	113 -0.19 81	88 1.06 72	118 52 56	99 17.5 66	125 15.1 73	112 131 65	97 31.4 39	102 139 40	93 -66 36	102 17.1 43	79 8.9 56	75 0.9 30	109 40.4 58	102 23 44	105 35 43	116 1.70 39	72 -2.81 36	108 0.09 36	
PNP 190075 89134860 JUSTINE 19075		BMH 150111 PNP 100020	114 78	90 75	125 76	92 56	76 51	101 66	89 42	100 61	91 38	116 -0.45 81	95 0.77 72	106 39 56	90 13.8 75	125 15.3 76	111 130 69	89 26.1 44	88 87 44	81 -50 37	96 14.2 47	85 4.7 58	74 1.1 35	102 37.0 60	91 17 48	94 25 47	101 0.60 39	76 -2.44 37	99 -0.34 36	
PNP 190083 89134936 PRINCESS 19083		PNP 140066 PNP 130058	94 78	89 72	104 63	98 39	84 47	87 58			94 14	95 1.16 81	99 0.61 71	101 35 39	89 13.5 72	104 9.2 63	95 94 58	93 28.6 30	98 126 19	100 -75 17	92 12.0 20	83 6.3 56	87 -0.9 26	111 41.0 58	96 20 21	95 25 20	99 0.44 15	95 -0.51 14	90 -0.75 14	
PNP 190092 89146435 JUSTINE 19092		PNP 160018 PNP 120040	111 79	94 76	104 74	90 43	96 46	109 62			96 14	110 0.03 82	103 0.44 74	110 44 43	94 15.6 76	104 9.0 74	95 93 64	97 30.8 32	96 117 19	97 -72 14	93 12.6 20	100 -5.3 57	89 -1.2 22	117 43.8 59	95 19 20	96 27 20	99 0.40 14	97 -0.38 14	104 -0.08 13	
PNP 190128 89869234 JULIE 19128		PNP 140066 PNP 120010	106 79	88 73	111 73	89 54	107 48	109 64	95 20	108 55	93 14	107 0.25 81	99 0.61 74	110 44 54	88 12.7 73	111 11.0 73	96 95 67	90 26.4 28	96 117 20	96 -70 17	93 12.3 22	118 -18.1 54	94 -2.0 32	97 34.9 59	96 20 22	95 25 22	99 0.41 15	88 -1.19 14	92 -0.67 14	
PNP 190136 90891581 IVY 19136		PNP 140066 PNP 110032	100 79	91 68	115 76	79 54	96 50	102 63			99 14	106 0.33 81	86 1.13 74	122 56 54	91 14.2 68	115 12.2 76	97 97 66	93 28.4 29	100 134 19	99 -74 17	99 15.6 21	98 -4.1 56	96 -2.3 35	97 34.9 60	104 25 22	103 34 21	105 0.90 15	92 -0.82 14	95 -0.51 14	
PNP 190148 90001975 GAIL 19148	4	PNP 160013 PNP 090006	105 76	89 73	92 76	144 50	78 43	103 62			78 16	103 0.52 79	106 0.33 71	66 -1 50	89 13.4 73	92 5.7 76	100 104 66	86 23.7 28	78 52 20	82 -51 16	83 7.7 22	74 12.3 42	93 -1.9 31	88 30.7 56	83 12 22	81 13 22	81 -0.90 17	96 -0.44 16	94 -0.58 16	
PNP 190154 90001991 MOIRA 17154		P43214852 PNP 170074	98 76	99 71	93 70	95 44	107 39	100 59	97 30	99 53	99 30	95 1.13 80	107 0.29 68	105 39 44	99 17.4 71	93 6.0 70	92 86 62	95 29.7 39	99 130 36	98 -73 23	108 20.2 38	101 -6.2 37	112 -4.7 24	100 36.3 55	89 16 39	95 26 38	100 0.47 31	111 1.06 30	98 -0.38 30	
PNP 200007 90408089 SWEETIE 20007		PNP 160013 PNP 160108	102 91	88 91	102 91	98 88	97 72	97 85	98 87	97 85	100 87	104 0.50 92	97 0.70 90	101 34 88	88 12.9 91	102 8.4 91	92 87 90	93 28.5 59	104 148 87	98 -72 87	111 21.3 87	91 0.4 39	103 -3.3 87	104 38.2 89	102 24 88	103 34 87	112 1.37 87	108 0.75 87	100 -0.28 87	
PNP 200008 90408071 SWEETIE 20008		PNP 160013 PNP 160108	101 72	105 68	113 76	106 61	105 41	112 62	103 26	112 55	103 22	110 0.02 73	81 1.35 71	92 26 61	105 20.2 68	113 11.6 76	119 146 68	107 37.3 32	102 139 26	99 -74 23	106 18.9 28	95 -1.9 42	109 -4.3 24	113 41.9 56	112 30 28	108 39 28	115 1.66 23	98 -0.26 21	107 0.04 21	
PNP 200017 90314410 ROLENE 20017	1	WDW 170057 WDW 170159	100 77	89 66	85 72	128 46	83 38	91 58	91 30	90 52	88 26	97 0.98 80	109 0.22 70	74 7 46	89 13.4 66	85 3.7 72	89 81 61	90 26.6 30	92 104 31	94 -67 26	85 8.4 33	94 -1.6 40	80 0.2 22	94 33.6 53	91 17 34	92 22 33	86 -0.53 27	86 -1.44 26	88 -0.86 26	
PNP 200057 90716754 CHARLIZE 20057	4	WDW 170160 PNP 150003	110 75	86 73	87 68	102 48	104 42	98 60	94 22	97 52	92 18	108 0.17 79	106 0.34 67	99 32 48	86 12.0 73	87 4.3 68	79 58 63	83 22.4 28	97 121 24	102 -77 18	89 10.6 27	97 -3.7 41	115 -5.2 29	83 28.4 57	103 24 27	95 25 26	101 0.56 18	87 -1.29 17	107 0.04 16	

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PNP 200067 90891961 MEGAN 20067	2	PNP 160018 FF 140234	104 76	85 75	76 71	97 44	88 45	76 61	70 20	72 53	69 18	103 0.53 80	103 0.43 67	105 38 44	85 11.8 75	76 0.9 71	67 32 63	83 22.2 36	71 24 21	76 -44 18	78 5.0 23	109 -11.5 55	75 1.0 25	91 32.4 56	75 7 23	71 3 22	77 -1.24 18	86 -1.42 17	92 -0.67 17
PNP 200074 90769019 HAYLEY 20074	2	PNP 160018 FF 140244	99 78	82 76	106 73	83 51	76 45	82 63			77 16	102 0.64 82	94 0.80 70	118 52 51	82 10.2 76	106 9.7 73	85 71 67	82 21.2 36	77 47 20	81 -51 14	86 9.2 21	88 2.6 55	74 1.1 25	92 32.7 55	79 9 21	77 9 21	84 -0.72 17	92 -0.86 16	87 -0.91 16
PNP 200080 90769043 JUSTINE 20080	4	PNP 140066 PNP 150009	111 88	92 87	106 86	112 82	103 72	119 81	90 80	117 81	91 80	116 -0.41 89	89 1.01 86	86 20 82	92 14.7 87	106 9.7 86	105 116 85	93 28.6 55	93 109 80	101 -77 80	92 11.8 81	113 -14.4 54	92 -1.7 80	101 36.8 83	94 19 81	91 22 80	107 1.01 80	82 -1.85 80	117 0.52 80
PNP 200093 90998428 HEIDI 20093	2	WDW 170160 PNP 170040	98 75	83 72	82 67	114 45	88 39	80 59	87 22	78 52	85 18	95 1.11 79	107 0.28 66	86 20 45	83 11.0 72	82 2.8 67	77 53 61	84 22.5 35	90 94 24	93 -66 18	88 9.8 26	100 -5.4 42	87 -0.9 20	80 27.4 55	89 16 27	86 17 26	92 -0.10 19	94 -0.63 18	96 -0.47 17
PNP 200095 90998436 DELIA 20095		174E PNP 130048	91 77	117 73	124 69	80 46	97 42	97 60	116 32	100 54	116 38	99 0.83 81	80 1.36 68	120 54 46	117 25.1 73	124 14.9 69	123 156 63	114 42.0 42	111 174 38	103 -79 24	122 27.0 39	96 -2.9 44	94 -2.0 27	116 43.2 55	122 36 42	122 52 41	112 1.43 39	94 -0.60 37	95 -0.51 36
WDW 200144 91217984 BLUE PRINT		6153 WDW 180058	98 76	106 75	81 70	155 47	91 40	104 61	96 27	103 54	95 24	92 1.39 80	116 -0.07 67	60 -8 47	106 20.5 75	81 2.4 70	107 121 64	101 33.9 33	96 117 26	89 -61 25	105 18.7 30	104 -8.0 44	84 -0.4 23	95 34.1 52	97 21 31	96 26 29	96 0.22 26	86 -1.41 23	85 -0.99 23
KRM 210005 92780402 UGIE 210005	3	BH 140034 KRM 160015	105 76	110 76	108 71	106 58	132 51	124 65	106 32	124 58	103 47	107 0.24 80	95 0.77 67	92 26 58	110 22.0 76	108 10.4 71	118 146 68	111 40.1 52	105 151 48	104 -80 14	101 16.4 51	126 -23.7 60	130 -7.4 36	95 34.1 58	99 22 52	100 31 51	108 1.13 48	97 -0.31 46	89 -0.82 45
KRM 210057 92780899 MUSIC 210057	4	KRM 180103 KRM 170099	93 74	109 75	108 68	129 48	85 45	106 61	114 32	108 55	111 50	96 1.07 79	94 0.80 63	73 6 48	109 21.7 75	108 10.3 68	129 169 64	115 42.9 50	116 193 50	116 -95 10	88 9.8 53	81 7.2 56	95 -2.2 26	94 33.5 52	85 13 54	97 28 53	99 0.47 51	111 1.06 48	106 0.00 48
KRM 210071 92781038 SONIA 210071	3	KRM 180103 KRM 170038	105 75	113 76	96 69	127 56	89 45	108 63	120 32	111 57	118 50	105 0.39 80	102 0.51 63	75 8 56	113 23.4 76	96 6.9 69	120 149 67	117 44.1 49	122 217 50	122 -103 10	101 16.4 53	90 1.2 57	91 -1.5 25	99 35.8 52	93 18 54	103 33 53	103 0.70 51	121 1.98 49	109 0.17 48
KRM 210090 92896836 MARINA 210090	3	KRM 140035 KRM 140078	110 76	100 76	103 71	118 65	94 51	115 67	109 37	116 61	104 50	111 -0.06 80	98 0.63 66	82 15 65	100 17.9 76	103 8.7 71	111 129 71	100 33.2 51	104 149 52	97 -71 20	101 16.7 55	91 0.3 59	100 -2.9 36	95 34.0 58	105 26 55	111 41 54	112 1.42 52	86 -1.43 49	132 1.28 49
PNP 210002 91541995 SANDRA 21002	1	PNP 160018 PNP 140009	96 87	115 85	88 86	72 85	58 69	72 81	99 80	73 81	101 80	96 1.09 88	102 0.49 85	133 68 85	115 24.4 85	88 4.6 86	90 82 85	113 41.2 54	99 129 80	99 -74 80	97 14.2 81	69 16.1 42	64 2.6 80	87 30.4 84	105 26 81	100 31 81	99 0.42 80	81 -1.90 80	94 -0.56 80
PNP 210049 92235522 UGIE 21049	1	WDW 190007 KRM 180096	99 75	88 75	107 63	112 49	120 43	113 60	96 22	112 52	88 27	103 0.57 80	92 0.90 63	87 20 49	88 12.9 75	107 10.0 63	102 110 62	94 29.2 31	98 125 29	102 -78 13	78 5.0 32	131 -27.1 55	108 -4.2 22	86 30.2 53	92 18 32	89 20 31	95 0.11 28	81 -1.88 26	92 -0.68 26

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ID Number Name																													
PNP 210056 95106696 SKYE 21056		6153 PNP 140018	99 71	103 63	102 61	117 33	109 41	113 52	95 30	112 48	97 28	100 0.80	100 0.57	83 16	103 19.1	102 8.4	112 131	99 32.6	94 112	92 -65	99 15.4	103 -8.0	111 -4.6	104 37.9	95 20	97 28	96 0.23	92 -0.87	101 -0.25
PNP 210065 92606573 BUTTONS 21065	1	WDW 190007 PNP 180081	95 86	116 86	89 85	94 83	81 72	82 81	102 79	83 81	107 79	94 1.20	104 0.42	107 41	116 24.5	89 4.8	100 104	109 38.5	103 143	100 -75	102 16.8	90 1.2	78 0.5	99 35.9	110 29	117 47	122 2.13	90 -1.07	86 -0.96
PNP 210071 92606581 LULU 21071		PNP 180058 PNP 140017	88 75	93 74	126 70	75 54	114 45	104 63			103 14	94 1.23	87 1.11	126 60	93 15.1	126 15.5	106 117	101 33.8	108 164	112 -90	95 13.6	114 -15.1	108 -4.1	104 37.8	106 26	103 34	103 0.77	102 0.14	96 -0.46
PNP 210072 92606599 SANDRA 21072		PNP 180058 PNP 170054	84 76	105 64	106 68	92 55	94 39	90 59			98 17	82 2.11	105 0.36	107 41	105 20.3	106 9.8	107 119	109 38.6	99 131	105 -82	93 12.3	91 0.4	95 -2.1	111 41.1	99 22	96 26	96 0.20	101 0.01	100 -0.27
PNP 210080 92606631 JOSIE 21080	1	PNP 180058 FF 140238	90 77	114 75	83 70	93 54	98 47	83 63			101 16	90 1.51	101 0.53	109 43	114 23.6	83 3.0	93 88	112 40.9	103 144	106 -83	98 14.8	91 0.7	105 -3.7	105 38.3	104 25	103 33	103 0.73	99 -0.16	104 -0.12
PNP 210081 92631753 CHARLIZE 21081		PNP 180058 PNP 160051	93 74	86 73	90 68	95 52	105 43	86 61			85 17	86 1.77	115 -0.05	106 40	86 12.2	90 5.1	79 59	91 27.4	90 97	96 -69	81 6.6	112 -14.1	98 -2.7	94 33.6	89 16	84 15	88 -0.41	99 -0.19	99 -0.35
PNP 210102 92640838 BEE 21102	1	WDW 170160 PNP 120028	99 75	84 75	74 70	103 51	86 46	69 62			82 14	94 1.19	112 0.06	99 32	84 11.1	74 0.5	66 30	83 21.8	87 83	92 -65	83 7.4	91 0.7	88 -1.1	90 31.6	87 14	86 17	87 -0.48	88 -1.21	91 -0.72
PNP 210112 92640887 VRYDAG 21112		PNP 180058 PNP 160037	96 76	88 74	111 69	88 51	84 45	90 62			93 16	96 1.07	101 0.52	112 46	88 12.9	111 11.2	96 95	93 28.8	96 117	102 -77	89 10.2	87 3.1	84 -0.4	108 39.9	93 18	90 21	95 0.17	102 0.11	99 -0.34
PNP 210125 92640937 JEWEL 21125	1	PNP 180058 FF 130229	97 75	95 75	87 69	109 53	96 44	93 62			87 16	94 1.25	110 0.16	92 25	95 15.8	87 4.2	88 79	96 30.1	93 105	99 -74	86 8.8	105 -9.2	89 -1.2	98 35.3	94 19	89 20	90 -0.27	96 -0.47	98 -0.36
PNP 210137 92866334 SUZIE 21137	2	WDW 170160 PNP 150081	108 75	92 73	99 69	97 47	86 43	100 60	104 22	100 52	102 16	108 0.20	102 0.49	102 36	92 14.8	99 7.5	92 87	94 29.0	106 154	106 -83	98 15.0	88 2.7	90 -1.4	94 33.3	108 27	107 37	109 1.15	90 -0.98	111 0.23
PNP 210140 92866367 LUCKY 21140	1	PNP 180058 PNP 110007	115 78	79 64	93 70	116 51	88 43	94 60			82 12	107 0.28	123 -0.35	84 17	79 9.2	93 6.0	84 69	80 19.9	84 75	92 -65	81 6.5	99 -4.6	82 -0.1	100 36.3	86 14	84 15	84 -0.68	101 0.07	88 -0.85
WDW 210082 92214295 WDW210082	2	WDW 170057 WDW 180172	92 89	97 86	100 87	81 85	72 69	84 82	101 82	85 82	98 82	90 1.52	106 0.33	121 56	97 16.6	100 7.8	89 81	94 29.3	100 135	100 -75	111 21.6	81 7.5	78 0.5	84 29.2	88 15	93 23	82 -0.81	106 0.56	113 0.35

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ID Number Name																													
PNP 220016 93332534 KIRSTY 22016		174E PNP 190039	99 73	121 64	111 67	81 54	112 36	111 58	117 34	114 53	120 40	103 0.55	92 0.87	120 54	121 26.8	111 11.3	116 141	116 43.6	116 194	110 -88	117 24.7	110 -12.8	107 -3.9	110 40.5	110 29	118 49	109 1.22	109 0.85	105 -0.06
PNP 220026 93821437 SOPHIE 22026		WDW 170160 PNP 110006	95 74	95 74	89 70	100 54	87 38	86 61			98 14	92 1.37	107 0.27	101 34	95 15.9	89 4.9	87 76	96 30.4	105 150	110 -88	86 8.9	95 -2.5	88 -1.1	86 29.9	108 28	103 34	96 0.20	89 -1.09	96 -0.49
PNP 220038 94090933 FREDA 22038	1	WDW 180081 WDW 180172	106 74	95 60	108 65	98 52	104 39	113 57	98 22	112 50	99 21	109 0.07	94 0.81	101 35	95 15.8	108 10.2	102 110	94 29.4	96 117	98 -72	106 19.2	100 -5.9	104 -3.6	108 39.9	98 21	98 29	98 0.33	115 1.39	98 -0.36
PNP 220039 93821478 SWEETIE 22039	5	WDW 170160 PNP 160108	86 75	97 74	84 69	107 49	100 39	84 60	96 25	84 53	95 20	86 1.81	100 0.56	93 49	97 16.6	84 3.2	86 74	99 32.3	99 128	97 -72	97 14.6	97 -3.5	105 -3.7	92 32.6	101 23	99 29	102 0.69	100 -0.06	105 -0.07
PNP 220045 93821494 MEGAN 22045	1	WDW 190007 PNP 190068	95 73	86 71	85 66	106 53	110 38	90 60			77 17	94 1.24	105 0.35	95 28	86 12.2	85 3.7	79 58	90 26.4	83 70	88 -60	82 7.1	112 -14.1	109 -4.2	88 31.1	92 18	83 14	90 -0.26	81 -1.90	97 -0.41
PNP 220078 93821528 SKYE 22078	1	WDW 190007 PNP 140018	99 75	81 74	115 63	103 36	136 45	106 57	88 24	104 50	86 26	101 0.73	99 0.63	95 29	81 10.0	115 12.4	101 106	84 22.4	89 91	93 -66	82 7.1	142 -34.6	122 -6.3	90 31.9	91 17	89 20	92 -0.11	84 -1.58	94 -0.55
PNP 220080 94143682 SUZIE 22080	1	84F PNP 190065	108 69	100 69	109 57	104 41	75 39	102 54	101 26	102 48	99 28	109 0.13	100 0.57	94 28	100 17.9	109 10.6	106 118	96 30.4	100 133	91 -64	95 13.4	72 13.5	83 -0.3	106 38.8	91 17	101 32	98 0.35	93 -0.77	122 0.75
PNP 220085 94143690 SWEETIE 22085		84F PNP 200008	107 68	106 68	110 46	114 36	104 36	118 51	104 20	119 45	103 24	111 -0.04	91 0.92	85 18	106 20.7	110 10.9	114 135	103 35.2	103 145	97 -71	100 15.9	97 -3.8	107 -4.0	107 39.1	100 22	107 37	101 0.62	106 0.54	123 0.80
PNP 220086 94143708 SOPHIE 22086	1	WDW 190007 PNP 190110	101 70	80 72	115 61	103 43	109 35	100 56			87 19	103 0.56	96 0.73	95 29	80 9.7	115 12.3	99 103	86 24.0	92 103	95 -69	82 7.0	116 -16.4	103 -3.4	87 30.6	98 21	92 23	94 0.06	86 -1.47	92 -0.67
PNP 220088 94143716 UGIE 22088	1	WDW 190007 KRM 180096	103 72	85 74	105 55	112 40	113 43	112 56	95 22	110 49	87 27	104 0.46	98 0.66	87 20	85 11.9	105 9.4	99 102	91 27.5	97 120	101 -77	77 4.5	122 -21.0	105 -3.6	85 29.6	91 17	87 18	94 0.02	81 -1.89	91 -0.71
PNP 220091 94143732 VRYDAG 22091	1	WDW 190007 PNP 160037	94 74	84 73	98 62	91 37	112 43	94 57			81 19	96 1.07	97 0.68	109 43	84 11.4	98 7.5	84 69	88 25.2	85 77	89 -62	77 4.5	123 -21.5	101 -3.0	90 31.9	88 15	84 15	88 -0.40	87 -1.34	90 -0.77
PNP 220096 94143740 INDIGO 22096	2	84F PNP 200006	105 68	104 68	94 55	127 39	84 36	105 53	100 22	105 47	99 26	104 0.50	105 0.36	75 8	104 19.6	94 6.3	105 116	98 31.9	101 135	96 -70	98 14.8	85 4.7	91 -1.4	94 33.7	90 16	99 30	91 -0.13	111 1.07	117 0.54

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ID Number Name																													
PNP 220106 94173499 GAIL 22106	4	PNP 200089 PNP 190148	99 69	102 71	93 50	114 31	66 38	87 51			96 13	99 0.83 77	102 0.50 53	86 19 31	102 18.7 71	93 5.9 50	102 109 51	99 32.4 24	96 119 14	94 -68 13	99 15.5 16	58 23.1 49	87 -0.9 19	91 32.3 46	101 23 17	100 31 16	97 0.28 14	94 -0.66 12	95 -0.53 12
PNP 220110 94173507 BEV 22110	1	WDW 190007 PNP 170079	106 72	73 73	96 63	123 45	95 43	90 58			70 19	104 0.48 78	105 0.35 58	78 11 45	73 6.8 73	96 6.7 63	84 69 60	76 17.8 30	75 38 21	80 -50 13	68 0.0 23	107 -10.7 57	89 -1.1 20	90 31.5 51	79 10 23	74 5 23	77 -1.18 20	87 -1.28 18	85 -0.99 18
PNP 220113 94173515 DELIA 22113	2	WDW 190007 PNP 180033	97 72	77 73	93 63	97 44	106 43	82 58			75 18	95 1.13 78	106 0.33 58	103 37 44	77 8.3 73	93 6.0 63	76 51 60	80 20.2 27	80 57 19	86 -58 9	73 2.6 21	114 -14.9 55	101 -3.0 22	90 31.7 52	87 14 22	79 10 21	81 -0.94 19	83 -1.75 17	83 -1.12 17
PNP 220119 94173549 DELIA 22119	2	WDW 190007 PNP 130048	98 73	72 74	101 64	101 43	98 44	80 59			70 16	97 0.97 79	104 0.42 60	98 32 43	72 6.4 74	101 8.2 64	80 61 60	75 16.8 28	75 39 17	80 -49 9	74 3.0 20	104 -8.7 56	97 -2.4 23	90 31.7 53	90 16 20	80 12 19	81 -0.94 17	75 -2.50 15	77 -1.39 15
PNP 220123 94173564 MAVIS 22123		WDW 170160 PNP 130002	99 73	95 73	105 65	95 47	89 37	100 58			104 14	99 0.84 78	100 0.56 61	104 38 47	95 16.1 73	105 9.3 65	99 102 62	96 30.5 28	109 166 20	107 -85 14	97 14.2 23	97 -3.4 36	88 -1.1 20	89 31.2 54	107 27 23	108 39 22	103 0.75 14	95 -0.57 13	94 -0.57 13
PNP 220124 94173572 MICHELLE 22124	1	WDW 170160 PNP 120028	99 73	87 72	89 58	102 38	101 44	90 56			88 14	97 1.00 78	107 0.30 61	98 32 38	87 12.4 72	89 4.8 58	82 64 56	86 24.1 30	93 108 22	97 -72 14	89 10.5 24	110 -12.3 55	96 -2.2 23	89 31.2 55	93 18 25	93 24 24	93 0.02 14	89 -1.15 13	93 -0.60 13
PNP 220134 94173606 BETSY 22134	1	WDW 190007 PNP 170068	98 74	77 73	89 63	93 42	103 42	80 58			74 19	96 1.03 79	105 0.38 63	108 42 42	77 8.5 73	89 4.8 63	71 41 59	80 20.0 34	79 54 21	85 -55 13	71 1.4 23	111 -12.9 56	99 -2.7 19	90 31.7 52	81 11 24	76 7 23	81 -0.94 20	85 -1.49 18	88 -0.85 18
PNP 220140 94173622 SUZIE 22140	2	WDW 170160 PNP 150081	114 87	97 87	92 84	88 82	97 68	108 80	102 81	108 80	101 80	114 -0.29 88	101 0.53 84	114 48 82	97 16.5 87	92 5.7 84	86 74 84	94 29.1 54	100 134 81	98 -73 81	89 10.5 81	98 -4.5 40	102 -3.2 81	85 29.4 83	104 25 81	107 38 81	109 1.18 81	80 -2.06 80	116 0.47 80
PNP 220160 94219961 LUCY 22160	1	WDW 170160 PNP 110014	102 70	87 71	88 57	102 36	85 40	84 54			90 14	97 0.98 77	111 0.11 55	98 32 36	87 12.3 71	88 4.4 57	80 60 55	86 24.0 29	92 103 22	97 -71 14	88 10.1 24	96 -2.7 43	86 -0.7 24	80 27.2 52	93 18 25	93 24 24	93 -0.04 14	93 -0.72 13	94 -0.59 13
PNP 220162 94219987 HAYLEY 22162	1	WDW 170160 FF 140244	101 73	77 75	88 64	98 45	83 44	71 59	73 20	67 51	72 16	99 0.85 79	105 0.36 60	102 36 45	77 8.1 75	88 4.6 64	72 42 61	78 18.6 34	77 45 23	83 -54 16	79 5.7 26	92 0.1 54	86 -0.7 24	83 28.4 54	77 8 26	74 5 25	78 -1.15 17	92 -0.85 16	86 -0.95 15
PNP 220173 94220035 ROLENE 22173	1	WDW 190007 WDW 170159	101 70	77 73	102 55	115 39	107 36	97 54	90 22	96 48	84 19	100 0.78 78	103 0.44 52	84 17 39	77 8.4 73	102 8.4 55	90 83 56	86 24.0 27	94 111 24	96 -70 16	76 3.9 27	114 -15.1 41	103 -3.3 19	87 30.2 49	90 16 28	91 22 26	91 -0.18 20	82 -1.81 18	90 -0.76 18
PNP 220175 94220043 JOSIE 22175	1	PNP 180069 FF 140238	105 70	102 73	78 54	97 34	100 39	92 53			90 16	104 0.46 78	104 0.40 53	105 39 34	102 18.6 73	78 1.5 54	81 62 54	95 30.1 38	90 98 19	93 -67 15	93 12.3 21	108 -10.9 42	94 -2.0 25	95 33.8 50	95 20 35	95 25 33	92 -0.11 17	93 -0.71 16	98 -0.38 16

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ID Number Name																														
PNP 220176 94228822 INGRID 22176	1	WDW 190007 PNP 150069	106 72	82 73	116 64	91 44	97 41	98 58			91 17	108 0.14 78	96 0.74 59	107 41 44	82 10.2 73	116 12.6 64	97 97 60		87 24.9 26	95 114 19	99 -74 13	87 9.3 21	97 -3.8 53	100 -2.9 20	92 32.6 51	101 23 22	96 27 21	96 0.18 18	88 -1.19 16	96 -0.46 16
PNP 220179 94228855 LULU 22179	1	WDW 190007 PNP 140017	90 72	95 73	115 56	76 41	122 43	110 56			99 17	99 0.87 78	80 1.37 60	126 60 41	95 15.7 73	115 12.3 56	98 101 57		99 32.7 27	104 149 19	105 -82 13	90 11.1 21	128 -25.1 56	113 -4.9 23	86 30.1 51	108 28 22	105 36 21	103 0.74 18	88 -1.25 16	90 -0.75 16
PNP 220182 94228863 BUTTONS 22182	1	WDW 190007 PNP 180081	101 71	80 73	107 62	107 39	100 41	96 56			82 16	101 0.71 77	102 0.47 57	91 25 39	80 9.4 73	107 10.0 62	94 91 58		83 22.0 24	86 80 18	89 -61 12	79 5.3 20	116 -16.5 53	86 -0.8 21	92 32.7 49	91 17 21	88 19 20	90 -0.22 17	85 -1.48 16	85 -1.02 15
PNP 230020 94980190 LUCY 23020	1	WDW 190063 WDW 200144	96 67	99 72	86 48	115 33	92 34	93 51	96 38	92 48	90 34	93 1.29 77	109 0.21 46	86 19 33	99 17.7 72	86 3.8 48	93 90 51		100 32.9 38	96 119 35	92 -65 37	107 19.3 39	103 -7.5 37	88 -1.1 19	90 31.6 45	100 23 40	93 24 38	92 -0.10 36	79 -2.08 33	86 -0.97 32
PNP 230023 95035374 SANDRA 23023	1	84F PNP 210002	106 68	112 67	98 44	95 38	76 31	94 50	104 20	95 44	103 24	105 0.36 76	103 0.44 52	105 39 38	112 23.2 67	98 7.4 44	97 99 50		107 37.5 28	103 143 25	98 -72 11	96 13.9 28	77 10.2 33	83 -0.3 14	100 36.2 46	97 21 29	104 34 28	94 0.05 25	98 -0.27 23	117 0.52 19
PNP 230027 95035358 JUSTINE 23027	1	PNP 200089 PNP 200080	101 70	100 69	101 48	106 32	91 33	101 50			98 16	104 0.44 77	93 0.85 54	93 27 32	100 18.0 69	101 8.4 48	104 114 50		100 33.3 24	100 135 18	101 -77 16	100 16.0 19	93 -0.8 36	91 -1.5 18	102 37.0 46	103 24 20	101 32 19	106 0.98 17	86 -1.40 15	105 -0.05 15
PNP 230034 95416004 JUSTINE 23034	1	WDW 170160 PNP 190092	104 71	91 62	94 62	96 37	94 37	97 52			98 14	104 0.48 76	102 0.50 59	104 38 37	91 14.4 62	94 6.3 62	87 76 54		93 28.8 26	101 137 21	103 -79 15	94 12.8 23	97 -3.7 41	93 -1.8 18	101 36.8 51	101 23 24	100 31 23	102 0.64 15	94 -0.60 14	102 -0.17 13
PNP 230086 95561510 FRIEDA 23086	2	WDW 170160 WDW 180172	99 72	87 61	92 62	100 40	89 37	86 53	90 24	84 47	89 20	99 0.86 78	102 0.48 60	100 34 40	87 12.6 61	92 5.6 62	84 68 54		87 24.7 26	90 95 26	90 -62 20	96 14.0 28	95 -2.0 39	90 -1.3 20	93 33.3 52	89 16 29	91 22 28	91 -0.15 21	97 -0.38 19	96 -0.49 19
PNP 230103 95562294 DELIA 23103	2	WDW 190007 PNP 130048	101 70	80 70	100 57	102 36	99 39	91 54			79 16	102 0.63 77	100 0.57 54	98 31 36	80 9.8 70	100 7.9 57	86 73 54		81 20.8 28	83 70 17	87 -58 9	82 6.8 20	103 -7.7 45	100 -2.9 23	87 30.6 50	98 21 20	90 21 19	89 -0.31 17	76 -2.42 15	80 -1.23 15
PNP 230110 95610002 DELIA 23110	4	PNP 200089 PNP 180033	91 67	105 72	89 51	95 31	85 35	81 51			97 14	91 1.47 76	102 0.48 47	106 40 31	105 20.0 72	89 4.6 51	92 87 51		102 34.4 27	98 125 15	97 -71 12	100 16.0 17	83 6.3 35	94 -2.0 23	93 33.1 46	104 25 19	101 32 18	100 0.51 15	89 -1.09 14	90 -0.76 14
PNP 230113 95610028 BEE 23113	1	WDW 190007 PNP 180023	97 69	94 72	108 54	92 38	108 36	109 54			99 16	99 0.81 77	95 0.76 52	108 42 38	94 15.4 72	108 10.1 54	99 102 55		97 31.0 24	105 151 18	106 -82 11	94 12.9 20	108 -11.0 39	109 -4.2 20	91 32.3 48	108 27 21	105 36 20	105 0.89 17	84 -1.61 15	95 -0.54 15
PNP 230120 95610069 VRYDAG 23120	1	WDW 190007 PNP 160037	94 69	87 72	93 55	91 37	110 39	92 54			83 19	94 1.20 77	101 0.51 52	110 44 37	87 12.4 72	93 5.8 55	80 61 55		89 26.1 30	86 81 21	90 -63 13	78 5.0 23	120 -19.7 45	101 -3.0 21	88 30.9 50	89 16 24	85 16 23	89 -0.32 20	87 -1.33 18	90 -0.74 18

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ID Number Name																													
PNP 230129 95907036 GAIL 23129	4	PNP 200089 PNP 190148	97 66	107 71	93 50	111 31	77 31	89 50			101 13	98 0.90 76	98 0.64 45	89 22 31	107 20.9 71	93 5.8 50	104 114 51	104 35.3 24	101 135 14	98 -72 13	103 17.6 16	71 14.3 31	94 -1.9 19	91 32.1 43	105 26 17	105 36 16	102 0.64 14	94 -0.62 12	97 -0.44 12
PNP 230131 95907044 JOSIE 23131		WDW 190007 PNP 170008	99 69	106 73	79 55	97 40	102 36	90 54	93 22	89 48	91 22	98 0.92 77	104 0.41 52	104 38 40	106 20.5 73	79 1.8 55	86 72 56	106 36.6 33	92 102 24	94 -67 18	82 7.0 27	106 -9.8 40	100 -2.9 19	89 31.3 49	95 19 28	94 25 27	95 0.11 23	85 -1.48 21	96 -0.46 21
PNP 230133 95907051 MARGO 23133	1	PNP 200089 PNP 190038	99 66	101 70	99 47	119 30	91 29	104 49			98 16	99 0.87 76	103 0.46 44	81 14 30	101 18.5 70	99 7.5 47	109 124 49	100 32.8 25	98 126 17	97 -71 14	102 16.8 19	94 -1.4 30	93 -1.8 15	93 33.2 43	94 19 20	98 28 19	95 0.11 17	95 -0.56 16	95 -0.55 15
PNP 230143 95907093 CHARLIZE 23143	2	PNP 200089 PNP 190061	101 66	108 71	107 49	91 32	88 33	102 50			112 14	105 0.39 76	91 0.92 45	109 43 32	108 21.2 71	107 10.1 49	108 123 51	105 36.0 24	114 184 16	109 -86 14	113 22.4 18	76 11.0 36	106 -3.9 19	94 33.6 43	121 35 18	118 49 17	117 1.82 15	89 -1.09 13	103 -0.14 13
PNP 230144 95907101 SABRINA 23144		PNP 200089 WDW 160127	96 69	99 74	101 53	100 35	87 37	94 53	102 22	95 47	101 22	98 0.91 78	95 0.77 49	100 33 35	99 17.4 74	101 8.2 53	100 104 54	100 32.7 28	101 137 24	97 -71 18	99 15.4 27	90 1.1 40	91 -1.5 23	90 31.8 48	107 27 27	107 37 26	100 0.49 23	98 -0.25 21	94 -0.60 21
PNP 230150 95912655 SUZIE 23150	1	WDW 190007 PNP 150081	102 86	101 86	112 83	96 81	87 68	102 79	102 80	102 79	102 80	107 0.27 88	90 1.00 83	102 36 81	101 18.4 86	112 11.5 83	110 128 83	105 36.2 54	105 150 80	107 -84 80	96 14.1 81	97 -3.4 42	82 -0.2 80	99 35.9 83	106 26 81	102 33 81	106 0.98 80	94 -0.68 80	118 0.56 80
PNP 230164 95916458 SWEETIE 23164		44D PNP 200008	116 85	111 85	118 81	98 80	114 61	125 77	107 79	126 77	109 79	125 -1.10 87	80 1.39 81	99 33 80	111 22.8 85	118 13.2 81	124 159 82	110 39.6 50	106 156 79	107 -85 79	110 21.0 79	104 -8.5 24	116 -5.3 79	111 41.2 81	121 36 79	114 45 79	120 1.98 79	90 -1.00 79	125 0.93 79
PNP 230170 95916474 JUSTINE 23170	3	PNP 200089 PNP 120040	101 69	100 73	97 54	104 28	89 36	97 51			98 12	99 0.82 77	105 0.37 51	95 29 28	100 17.9 73	97 7.0 54	99 103 52	103 34.8 29	99 129 16	98 -72 13	96 14.0 18	87 3.3 40	94 -2.0 20	103 37.4 49	99 22 18	100 30 18	96 0.24 12	96 -0.40 11	101 -0.25 11
PNP 230176 95916490 SKYE 23176		44D PNP 140018	107 66	98 70	110 45	106 24	116 33	124 47	95 21	122 42	95 22	104 0.46 76	108 0.25 43	92 25 24	98 17.1 70	110 10.9 45	98 100 46	91 27.2 31	95 116 24	96 -70 18	100 16.1 25	114 -15.1 34	118 -5.6 21	88 31.0 44	94 19 25	94 25 24	96 0.19 22	87 -1.29 21	113 0.34 21
PNP 230178 95916516 VIRGINIA 23178	3	PNP 200089 PNP 190064	98 67	99 71	100 50	95 31	86 30	94 50			100 12	98 0.91 76	100 0.56 46	105 39 31	99 17.6 71	100 7.9 50	97 99 51	99 32.6 24	102 141 14	99 -74 13	100 15.8 16	87 3.2 30	90 -1.4 17	96 34.2 44	104 25 17	104 34 16	102 0.63 13	90 -1.02 12	94 -0.55 11
PNP 230181 95916532 FELICITY 23181		44D WDW 210082	102 64	110 65	104 39	88 29	84 24	100 45			109 14	98 0.90 77	109 0.19 37	112 46 29	110 22.3 65	104 9.2 39	91 85 44	102 34.3 20	111 175 16	108 -85 13	119 25.4 17	84 5.4 24	95 -2.1 11	84 29.0 38	105 25 17	108 38 17	99 0.44 15	97 -0.38 14	122 0.77 14
PNP 230189 96395736 LADY 23189	1	WDW 190007 PNP 160001	103 69	84 72	106 55	100 38	102 37	101 54	95 20	100 47	88 20	104 0.44 77	98 0.65 53	98 32 38	84 11.0 72	106 9.6 55	93 89 55	90 26.2 27	95 115 21	98 -73 16	79 5.7 24	110 -12.2 41	100 -2.9 19	81 27.8 50	100 22 24	93 24 23	96 0.23 20	77 -2.30 19	94 -0.59 18

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ID Number Name																													
PNP 230193 96388400 INDIGO 23193		44D PNP 210007	111 62	86 65	100 36	115 17	92 24	107 41			86 12	106 0.33 74	114 0.01 35	84 17 17	86 12.3 65	100 8.0 36	85 71 39	84 22.7 23	90 97 12	91 -64 11	91 11.5 14	100 -5.8 25	91 -1.5 11	85 29.6 37	90 16 15	87 18 14	85 -0.62 13	87 -1.36 11	106 0.01 11
PNP 230196 96388418 VALERIE 23196	4	PNP 200089 PNP 180041	85 67	112 70	98 49	90 25	88 32	84 48			115 14	85 1.88 76	100 0.56 46	111 45 25	112 22.9 70	98 7.3 49	103 111 48	110 39.3 27	117 195 15	111 -89 12	110 21.0 17	94 -1.2 32	88 -1.0 18	96 34.2 47	113 31 19	116 46 18	110 1.23 15	94 -0.68 14	86 -0.98 14
PNP 230198 96388426 SANDRA 23198	1	PNP 200054 PNP 170054	91 69	127 68	97 48	87 32	92 33	88 50	110 22	90 44	115 24	96 1.05 76	88 1.05 54	114 48 32	127 29.2 68	97 7.1 48	112 131 49	120 46.2 33	109 168 25	106 -83 18	113 22.6 26	88 2.4 36	94 -1.9 19	115 42.7 45	114 31 27	117 47 27	109 1.15 25	103 0.23 23	107 0.04 23
PNP 230206 96388749 BUTTONS 23206	1	WDW 190007 PNP 180081	99 68	87 71	100 53	105 39	94 36	94 53			87 16	98 0.91 76	102 0.48 50	94 28 39	87 12.6 71	100 7.9 53	92 88 54	89 25.8 24	90 98 18	93 -66 12	83 7.5 20	108 -11.1 41	85 -0.7 21	92 32.4 47	96 20 21	94 24 20	95 0.15 17	86 -1.43 16	87 -0.93 15
PNP 240001 96388814 PRINCESS 24001	1	PNP 200054 PNP 190083	92 82	103 79	111 77	100 75	94 62	96 74	99 74	96 74	104 74	98 0.95 84	87 1.12 77	99 32 75	103 19.0 79	111 11.0 77	112 131 77	103 34.8 51	102 142 75	104 -80 74	99 15.5 75	98 -4.1 36	84 -0.5 74	125 47.1 77	98 21 75	103 34 75	100 0.47 75	110 0.98 74	94 -0.59 74
PNP 240008 97866362 SKYE 24008		44D PNP 210056	105 66	101 50	105 34	113 18	104 26	116 38			98 14	103 0.55 75	106 0.34 47	86 19 18	101 18.4 50	105 9.5 34	101 107 34	96 30.7 24	98 127 15	97 -71 13	104 17.7 17	99 -4.9 25	108 -4.1 13	101 36.7 40	98 21 18	99 30 17	96 0.20 15	88 -1.19 14	112 0.28 14
PNP 240015 96831961 SANDRA 24015	1	H65 PNP 210072	98 66	93 65	100 37	115 28	96 24	102 45			87 10	99 0.87 75	99 0.63 47	85 18 28	93 14.9 65	100 7.9 37	103 112 43	91 27.3 16	89 92 11	94 -68 7	90 10.9 12	97 -3.5 22	93 -1.9 11	112 41.4 39	86 14 12	88 19 12	84 -0.71 10	102 0.12 10	106 0.01 10
PNP 240030 96831995 MEGAN 24030	2	PNP 200089 PNP 200067	99 65	101 70	86 48	95 28	82 32	84 48			92 14	100 0.74 75	98 0.66 44	105 39 28	101 18.4 70	86 3.9 48	87 76 49	99 32.2 26	93 108 15	92 -65 13	97 14.5 17	90 1.5 36	83 -0.3 17	92 32.6 43	98 21 17	96 27 17	96 0.20 14	89 -1.14 13	94 -0.55 12
PNP 240033 96883103 SWEETIE 24033		H65 PNP 160108	103 65	93 68	92 45	111 30	102 29	103 48			88 16	107 0.27 75	92 0.90 43	89 22 30	93 14.8 68	92 5.6 45	92 86 48	90 26.5 26	89 91 19	87 -58 17	97 14.7 21	100 -5.7 27	103 -3.3 17	101 36.6 43	88 15 21	91 22 20	90 -0.26 17	106 0.50 16	112 0.28 16
PNP 240047 96959788 LULU 24047		H65 PNP 210071	94 66	95 67	110 38	100 28	106 26	105 46			96 8	99 0.85 75	90 0.97 47	98 32 28	95 16.0 67	110 10.7 38	104 115 44	95 29.8 16	99 129 10	102 -77 6	96 14.1 11	106 -9.8 29	102 -3.2 12	109 40.2 38	95 19 11	98 29 11	93 0.00 9	103 0.23 8	106 0.02 8
PNP 240056 97115018 HEIDI 24056		PNP 200089 PNP 200093	95 65	98 69	89 46	106 28	82 30	86 48			97 14	95 1.13 75	101 0.54 43	94 27 28	98 17.1 69	89 4.8 46	92 87 48	98 31.4 26	99 130 16	98 -72 14	99 15.4 18	86 4.0 31	89 -1.2 16	87 30.2 43	101 23 19	100 30 18	100 0.50 14	93 -0.78 13	95 -0.52 13
PNP 240058 97115026 KIRSTY 24058		H65 PNP 220016	106 61	109 65	102 37	104 27	104 22	111 43			104 20	110 0.01 73	91 0.92 34	95 28 27	109 21.6 65	102 8.6 37	111 129 43	102 34.0 21	103 144 21	101 -76 13	107 19.7 21	104 -8.5 21	101 -3.1 9	103 37.7 35	97 21 23	105 36 22	96 0.22 21	106 0.59 20	111 0.22 20

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ID Number Name																													
PNP 240087 97377717 VERONICA 24087		KC 210001 PNP 180055	97 67	108 72	87 51	93 33	92 34	88 51	97 20	88 45	95 22	98 0.91	99 0.62	108 42	108 21.5	87 4.3	93 89	107 37.3	96 116	95 -68	99 15.2	88 2.8	99 -2.8	98 35.5	102 24	98 28	97 0.26	103 0.24	106 0.03
PNP 240090 97377725 SONIA 24090		KC 210001 KRM 210071	103 66	110 73	99 47	110 33	92 30	104 50			107 29	100 0.76	107 0.28	89 22	110 22.1	99 7.8	112 132	112 40.9	108 163	107 -84	98 14.7	90 1.4	96 -2.4	99 35.8	93 18	99 30	97 0.25	115 1.45	106 -0.02
PNP 240091 97377741 SKYE 24091		H65 PNP 140018	105 66	75 70	102 44	131 23	117 32	108 47	73 22	103 42	73 22	105 0.36	101 0.52	71 4	75 7.2	102 8.6	99 103	72 14.8	74 37	78 -47	81 6.5	122 -20.8	107 -4.0	96 34.4	70 4	74 5	74 -1.46	95 -0.51	104 -0.11
PNP 240104 97377774 CHARLIZE 24104	2	PNP 200089 PNP 190061	101 66	107 69	107 49	90 32	88 33	102 50			113 14	105 0.39	92 0.91	109 43	107 20.9	107 10.1	108 122	104 35.6	113 184	109 -86	113 22.4	76 10.6	106 -3.8	93 33.3	121 35	118 48	118 1.84	89 -1.08	103 -0.14
PNP 240106 97411474 MELODY 24106		KC 210001 KRM 210057	98 66	108 70	105 47	108 30	90 30	103 49			108 28	97 1.00	103 0.45	90 24	108 21.4	105 9.5	116 139	112 40.5	108 165	107 -84	95 13.2	85 4.7	99 -2.8	96 34.6	93 18	101 31	99 0.43	111 1.02	105 -0.03
PNP 240108 97411482 KIRSTY 24108		KC 210001 PNP 190039	110 66	116 71	96 48	97 28	108 29	111 49			108 20	106 0.31	110 0.16	102 36	116 24.5	96 6.9	108 122	111 39.9	106 156	105 -81	102 17.0	102 -7.3	110 -4.4	103 37.7	98 21	103 34	104 0.79	101 0.10	99 -0.35
PNP 240120 97411532 UGIE 24120	1	PNP 200089 KRM 180096	96 68	114 74	97 51	104 34	93 34	97 52	114 22	100 46	108 25	99 0.84	94 0.80	95 29	114 23.7	97 7.2	110 128	114 41.7	114 184	110 -88	103 17.3	94 -1.5	99 -2.7	88 31.1	107 27	108 38	112 1.38	88 -1.24	98 -0.36
PNP 240124 97540256 MEGAN 24124	2	PNP 200089 PNP 180063	92 67	111 71	93 50	102 32	90 34	88 51			101 16	95 1.12	94 0.83	98 31	111 22.5	93 5.9	104 113	108 37.9	101 136	99 -74	106 18.8	96 -3.0	89 -1.3	91 32.1	106 26	105 36	103 0.75	91 -0.91	98 -0.37
PNP 240125 97540264 VRYDAG 24125	3	PNP 200089 PNP 160037	91 67	101 72	89 52	90 30	90 36	84 51			94 16	91 1.43	100 0.55	111 45	101 18.5	89 4.9	88 78	100 33.1	94 110	93 -66	95 13.5	95 -2.1	91 -1.5	94 33.4	96 20	95 26	97 0.29	93 -0.77	94 -0.58
PNP 240129 97540280 MIMSI 24129	4	PNP 210050 PNP 170009	99 65	113 68	87 49	117 36	104 31	100 50	97 25	99 45	97 24	93 1.28	115 -0.03	84 17	113 23.2	87 4.1	106 117	107 37.8	96 119	97 -71	90 11.2	103 -7.4	102 -3.2	106 39.0	87 15	91 22	96 0.22	89 -1.10	102 -0.21
PNP 240130 97540298 JUSTINE 24130		KC 210001 PNP 120040	110 68	97 73	101 54	103 28	98 35	110 51			93 16	105 0.39	112 0.08	96 30	97 16.8	101 8.1	100 104	101 33.5	92 105	93 -67	90 10.7	95 -2.1	101 -3.0	105 38.5	91 17	93 23	89 -0.31	106 0.53	105 -0.04
PNP 240133 97540306 VIRGINIA 24133		KC 210001 PNP 190064	99 66	102 71	101 50	92 32	94 29	100 50			99 16	96 1.04	108 0.23	108 42	102 18.9	101 8.2	99 103	102 34.6	98 126	97 -71	96 13.7	94 -1.5	97 -2.5	98 35.3	99 22	100 30	97 0.29	100 -0.07	100 -0.30

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ID Number Name																													
PNP 240143 97540355 CHARLIZE 24143	4	PNP 210050 PNP 160051	92 65	96 64	82 47	112 29	101 33	90 47	89 22	89 42	87 20	86 1.79 74	115 -0.06 46	89 22 29	96 16.4 64	82 2.6 47	86 73 47	95 29.5 31	91 99 22	91 -63 20	84 8.2 24	104 -8.1 37	102 -3.2 19	90 31.9 44	85 13 25	85 16 24	91 -0.15 20	84 -1.66 19	106 -0.01 19
PNP 240151 97546824 LUCKY 24151		KC 210001 PNP 210140	116 66	87 69	101 47	107 31	91 29	107 49			88 16	110 0.01 76	116 -0.08 45	92 26 31	87 12.6 69	101 8.1 47	94 91 49	88 25.5 29	88 87 17	90 -63 6	86 9.2 19	95 -2.1 31	91 -1.5 16	99 35.7 40	89 16 19	88 19 19	86 -0.54 16	105 0.48 15	94 -0.55 15
PNP 240152 97546832 IVY 24152	6	PNP 200089 PNP 120017	102 68	81 72	101 53	104 25	84 36	87 50			82 12	101 0.67 77	104 0.42 50	95 29 25	81 10.0 72	101 8.3 53	89 79 50	81 20.5 30	83 68 14	83 -54 12	86 8.8 16	102 -7.0 39	75 0.9 22	91 32.1 48	90 16 22	89 20 21	82 -0.82 13	93 -0.77 12	84 -1.06 11
PNP 240162 97827109 SADIE 24162		KC 210001 WDW 160127	105 69	84 74	107 53	104 35	96 35	102 53	85 22	99 47	87 24	103 0.56 78	106 0.31 49	94 28 35	84 11.4 74	107 10.1 53	97 97 54	88 25.4 32	86 81 26	85 -56 15	84 8.0 29	102 -6.7 39	94 -2.0 22	93 32.9 45	89 16 29	90 20 28	83 -0.76 25	106 0.60 23	94 -0.56 23
PNP 240163 97827117 JOSIE 24163		PNP 200089 PNP 170008	99 68	108 72	79 52	102 34	82 33	80 52	94 22	80 46	93 20	97 0.99 77	106 0.33 48	99 33 34	108 21.5 72	79 1.9 52	89 81 53	107 37.3 32	92 101 22	89 -61 20	92 11.8 24	84 5.5 33	88 -1.0 19	94 33.3 47	93 18 25	94 25 24	94 0.07 20	90 -1.00 19	97 -0.45 18
PNP 240171 97827182 MEGAN 24171		KC 210001 PNP 220045	102 64	93 70	95 46	103 32	102 28	103 48			85 16	99 0.85 75	108 0.22 41	97 31 32	93 15.1 70	95 6.6 46	92 87 49	96 30.1 27	87 84 18	88 -60 8	87 9.5 20	102 -6.7 30	104 -3.6 14	94 33.4 39	92 17 20	88 19 19	88 -0.35 17	95 -0.51 16	99 -0.34 16
PNP 240173 97827208 ROLENE 24173		PNP 200089 WDW 170159	96 68	104 73	95 51	107 33	87 33	93 52	109 20	95 46	106 16	98 0.94 78	98 0.66 47	93 26 33	104 19.8 73	95 6.6 51	103 111 52	107 37.7 26	111 175 21	105 -82 17	102 16.8 24	85 4.9 34	96 -2.3 19	92 32.6 46	106 26 25	112 42 24	109 1.20 16	89 -1.15 15	97 -0.41 14
PNP 240176 97827224 SWEETIE 24176		H65 PNP 220039	98 61	91 66	88 38	123 25	98 23	98 43			86 12	100 0.78 73	98 0.66 35	78 11 25	91 14.1 66	88 4.5 38	93 88 43	88 25.5 17	89 93 14	90 -63 11	93 12.3 16	100 -5.3 20	99 -2.7 11	95 33.8 38	87 15 16	90 21 15	87 -0.44 12	101 0.09 11	108 0.12 11
PNP 240180 98025448 OLGA 24180	3	KC 210001 WDW 200144	102 66	110 71	91 48	115 29	93 29	100 49			102 19	98 0.95 77	112 0.10 43	85 19 29	110 22.2 71	91 5.4 48	107 120 49	107 37.5 30	100 132 20	94 -68 13	105 18.4 23	95 -2.1 30	94 -2.0 16	97 34.7 40	101 23 23	102 32 22	99 0.43 20	98 -0.19 18	96 -0.49 18
WDW 240139 97325575 MADAME SLAM	4	WDW 200023 WDW 210172	104 67	114 55	115 45	82 33	118 32	115 46	123 28	118 42	122 36	107 0.26 78	94 0.82 43	118 52 33	114 23.7 55	115 12.2 45	114 136 44	122 47.1 38	124 224 38	128 -111 15	120 26.2 42	101 -6.1 34	127 -7.0 19	110 40.6 44	127 39 42	123 53 41	121 2.08 38	99 -0.11 35	110 0.21 34
PNP 250002 98410970 LU-LU 25002		44D PNP 190062	103 64	100 67	100 41	96 26	101 28	106 45	100 20	106 40	98 19	100 0.74 75	108 0.26 40	104 38 26	100 18.1 67	100 8.0 41	88 78 45	96 30.6 24	102 141 20	95 -69 18	104 17.9 21	102 -6.9 31	105 -3.6 13	87 30.6 40	100 23 22	102 32 21	102 0.63 20	80 -2.06 18	105 -0.05 18
PNP 250003 98410988 SANDRA 25003	1	44D PNP 140009	114 65	102 68	93 44	107 28	84 31	105 47			95 16	106 0.32 75	120 -0.26 43	93 26 28	102 18.9 68	93 6.0 44	88 78 47	96 30.1 26	95 115 18	95 -69 15	96 14.2 20	83 5.8 31	95 -2.1 19	83 28.6 42	98 21 20	95 26 19	89 -0.32 17	87 -1.35 16	110 0.19 16

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ID Number Name																														
PNP 250004 98410996 SKYE 25004	44D PNP 210056		114 62	98 64	105 35	113 18	102 25	124 41			97 14	112 -0.09 73	108 0.24 37	85 19 18	98 17.3 64	105 9.5 35	98 100 39		91 27.5 24	98 124 15	96 -70 13	103 17.3 17	99 -4.9 25	108 -4.1 13	92 32.6 38	97 21 18	98 28 17	95 0.13 15	88 -1.20 14	111 0.27 14
PNP 250007 98411028 IVY 25007	44D PNP 180052		109 54	99 55	105 41	94 22	94 29	110 40			100 12	106 0.35 61	109 0.22 40	105 39 22	99 17.6 55	105 9.5 41	90 82 39		93 28.4 24	101 137 12	102 -78 6	104 17.8 14	96 -2.7 31	98 -2.6 15	90 31.7 42	99 22 15	101 32 15	103 0.77 12	88 -1.24 11	110 0.20 11
PNP 250010 98411036 LU-LU 25010	44D PNP 140017		106 65	102 67	118 46	80 31	103 32	114 48			105 10	110 0.01 75	91 0.93 43	120 54 31	102 18.9 67	118 13.1 46	97 97 48		99 32.3 24	108 162 12	106 -82 10	105 18.6 13	103 -7.5 34	108 -4.1 20	83 28.7 42	107 27 14	107 38 13	104 0.80 10	90 -1.00 9	108 0.09 9
PNP 250018 98729031 PRINCESS 25018	2 PNP 220029 PNP 190083		98 65	93 67	107 43	98 27	88 31	97 47			93 20	101 0.69 75	95 0.79 44	101 35 27	93 15.0 67	107 9.9 43	100 104 46		93 28.8 26	91 101 22	93 -66 15	96 13.7 22	89 2.0 35	87 -0.8 16	113 42.0 42	94 19 24	94 25 23	95 0.14 21	101 0.09 20	96 -0.47 20
PNP 250032 99147415 LULU 25032	44D PNP 220179		105 61	96 53	112 32	92 21	109 26	117 39			99 10	106 0.30 74	99 0.60 33	107 41 21	96 16.2 53	112 11.5 32	92 87 35		94 29.1 20	103 146 11	103 -79 7	99 15.6 12	111 -13.4 30	109 -4.3 12	84 29.1 37	104 25 12	103 33 12	99 0.46 10	86 -1.38 9	107 0.04 9
PNP 250035 99147431 UGIE 25035	1 PNP 220029 KRM 210005		101 66	109 72	107 47	98 36	112 33	112 51	101 24	112 46	103 30	105 0.41 77	92 0.91 42	101 35 36	109 21.6 72	107 10.0 47	112 132 52		107 37.7 34	100 134 31	99 -74 14	105 18.6 33	109 -11.6 37	110 -4.4 20	106 38.8 42	101 23 34	104 35 33	105 0.91 31	103 0.25 30	98 -0.40 29
PNP 250041 99147449 ANNIE 25041	PNP 220029 WDW 210082		91 67	106 71	101 46	85 34	82 29	87 50	102 22	88 44	103 24	92 1.34 78	97 0.67 43	116 51 34	106 20.5 71	101 8.2 46	99 102 50		102 34.4 26	100 135 25	99 -74 18	113 22.3 26	85 4.5 30	85 -0.5 15	101 36.5 41	98 22 27	103 33 27	94 0.09 25	108 0.70 23	110 0.22 23
PNP 250048 99147472 JUSTINE 25048	PNP 220029 PNP 200080		99 66	109 70	103 47	97 33	97 31	101 50	98 22	101 44	102 23	105 0.40 76	88 1.07 45	102 36 33	109 21.6 70	103 8.8 47	108 123 50		106 36.5 26	99 131 24	102 -77 17	105 18.6 25	100 -5.6 34	93 -1.8 17	109 40.1 42	104 25 26	105 35 26	110 1.25 24	96 -0.47 22	113 0.36 22
PNP 250050 99179582 JOSIE 25050	4 PNP 220029 PNP 210080		90 66	112 70	93 46	91 33	95 31	87 49			103 21	93 1.31 76	95 0.75 43	109 43 33	112 23.2 70	93 6.0 46	100 105 50		109 39.1 28	100 132 22	101 -76 14	104 18.1 23	91 0.7 36	97 -2.5 17	110 40.6 41	105 25 25	106 36 24	103 0.76 22	104 0.33 20	105 -0.04 20
PNP 250065 99179640 CHARLIZE 25065	1 PNP 220090 PNP 210081		96 63	94 68	94 44	102 32	109 28	101 47			92 12	93 1.27 74	108 0.26 40	98 31 32	94 15.4 68	94 6.2 44	91 85 48		96 30.4 20	96 118 14	99 -75 10	88 10.1 16	113 -14.9 34	103 -3.3 13	97 34.7 38	94 19 16	93 23 16	93 0.01 13	94 -0.60 12	97 -0.42 12
PNP 250068 99179665 JUSTINE 25068	3 PNP 220029 PNP 190092		106 66	98 71	106 47	91 28	94 31	106 49			98 20	108 0.19 76	96 0.73 45	108 42 28	98 17.1 71	106 9.6 47	100 104 49		97 31.3 26	94 113 22	95 -69 14	100 16.1 22	96 -2.9 36	89 -1.2 15	116 43.2 42	98 21 24	100 31 23	99 0.41 21	102 0.20 20	104 -0.07 20
PNP 250089 99179749 LULU 25089	4 PNP 220029 PNP 210071		95 65	99 70	117 46	82 34	103 30	103 49			105 20	100 0.73 75	87 1.09 42	118 52 34	99 17.4 70	117 12.8 46	105 116 50		101 33.5 25	104 147 21	104 -81 14	104 18.0 22	102 -7.1 36	99 -2.8 15	109 40.3 40	107 27 24	107 38 23	105 0.85 21	105 0.49 20	102 -0.19 20

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ID Number Name																													
PNP 250102 99179798 LADY 25102		KC 210001 PNP 160001	105 68	99 71	105 52	96 32	91 32	105 51			98 19	104 0.47	104 0.41	103 37	99 17.6	105 9.3	102 109	102 34.2	99 131	98 -73	93 12.3	91 0.7	97 -2.5	89 31.5	101 23	99 30	100 0.51	93 -0.77	103 -0.16
PNP 250103 99179806 CHARLIZE 25103		PNP 220029 PNP 200057	103 56	98 58	96 44	95 30	98 30	101 43	98 20	100 38	100 22	105 0.41	97 0.70	106 39	98 17.1	96 6.8	93 89	94 29.4	99 128	100 -75	102 16.8	94 -1.6	102 -3.3	99 36.0	106 26	104 34	104 0.80	98 -0.22	107 0.07
PNP 250111 99185324 MAVIS 25111		KC 210001 PNP 220123	100 64	112 70	101 46	90 29	92 27	99 48			111 16	99 0.83	102 0.47	110 44	112 23.0	101 8.3	106 117	110 39.7	110 171	106 -83	104 17.9	90 1.4	98 -2.6	95 33.9	110 29	113 43	107 1.01	103 0.27	102 -0.21
PNP 250113 99185340 ROLENE 25113		PNP 220029 PNP 200017	98 87	101 87	96 84	110 82	83 64	93 80	89 82	91 80	91 82	103 0.51	88 1.05	89 23	101 18.5	96 6.9	102 110	95 29.9	84 74	87 -59	92 12.1	91 0.7	78 0.4	109 40.2	94 19	98 29	87 -0.43	101 0.04	91 -0.73
PNP 250118 99185381 BUTTONS 25118	2	PNP 220076 PNP 210065	99 63	115 68	92 44	102 32	95 30	95 48			106 16	99 0.87	103 0.46	98 31	115 24.2	92 5.7	106 118	108 38.1	102 142	99 -74	104 17.9	95 -2.3	96 -2.3	103 37.8	107 27	111 42	113 1.48	91 -0.93	95 -0.53
PNP 250133 99235442 LUCKY 25133		KC 210001 PNP 210140	109 66	100 69	96 47	101 31	91 29	103 49			97 16	104 0.49	114 -0.01	99 32	100 18.1	96 6.9	98 100	99 32.6	96 118	97 -71	94 13.1	92 0.1	94 -2.0	100 36.2	97 21	98 29	95 0.12	106 0.56	98 -0.39
PNP 250134 99235459 MAGGIE 25134	1	PNP 220090 KRM 210057	93 65	109 71	102 44	115 30	99 29	103 48			109 26	94 1.19	97 0.68	84 17	109 21.7	102 8.4	116 140	111 40.2	112 178	112 -91	95 13.3	97 -3.5	102 -3.2	98 35.1	95 20	103 33	103 0.71	101 0.06	102 -0.18
PNP 250140 99235491 SUZIE 25140		PNP 220029 PNP 150081	105 68	109 71	112 51	85 31	87 33	103 51	106 22	104 45	109 22	110 0.00	88 1.05	115 49	109 21.6	112 11.4	110 127	106 37.1	104 150	102 -78	110 20.8	87 3.6	88 -1.1	110 40.6	110 29	113 43	112 1.40	99 -0.13	115 0.44
PNP 250148 99240038 JUSTINE 25148		PNP 220029 PNP 120040	98 68	108 72	98 53	96 29	97 35	96 51	98 20	96 45	102 20	98 0.88	100 0.56	104 38	108 21.4	98 7.3	103 111	108 38.1	98 127	99 -74	102 17.0	94 -1.2	97 -2.4	115 42.7	101 23	104 35	101 0.56	106 0.53	110 0.17
PNP 250151 99240046 JULIE 25151		KC 210001 PNP 190128	106 66	99 70	107 49	92 32	101 32	111 50			98 16	105 0.42	104 0.40	108 42	99 17.3	107 9.9	101 108	100 32.7	98 124	96 -70	96 14.1	103 -7.6	99 -2.7	99 35.8	98 21	99 29	97 0.30	99 -0.11	98 -0.39
PNP 250157 99240053 BEV 25157	1	PNP 230030 PNP 220110	98 62	111 67	101 39	105 27	103 28	104 45			106 18	99 0.88	99 0.62	94 28	111 22.7	101 8.3	112 132	109 38.5	107 161	102 -78	102 17.1	103 -7.9	99 -2.8	110 40.5	105 26	108 38	104 0.84	91 -0.89	102 -0.18
PNP 250165 99240087 SWEETIE 25165	2	PNP 220076 PNP 190016	103 65	97 69	94 48	103 27	115 30	108 48	88 20	106 42	88 20	102 0.65	105 0.37	97 31	97 16.8	94 6.3	94 92	93 28.3	84 73	80 -50	95 13.7	112 -13.8	111 -4.6	106 38.9	82 12	84 15	83 -0.77	102 0.18	105 -0.07

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ID Number Name			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
PNP 250167 99240095 FREDA 25167		KC 210001 PNP 220038	110 86	103 86	105 82	108 81	107 64	118 79	95 80	117 79	102 80	112 -0.09 88	99 0.61 82	91 24 81	103 19.3 86	105 9.4 82	111 130 83	97 31.2 56	92 102 81	90 -63 80	106 18.9 81	100 -5.6 29	106 -3.9 80	118 44.0 82	101 23 81	103 34 81	98 0.36 81	127 2.59 80	97 -0.44 80
PNP 250172 6020047772 CORA 25172	3	KC 210001 WDW 200144	105 67	105 73	93 48	119 29	93 29	105 49			96 19	101 0.71 78	112 0.08 43	81 15 29	105 20.1 73	93 5.9 48	107 119 50	103 34.9 30	94 112 20	90 -62 13	100 15.8 23	97 -3.4 30	92 -1.7 16	98 35.3 40	95 20 23	95 26 22	93 0.00 20	98 -0.25 18	93 -0.60 18
PNP 250176 6020047806 SUZIE 25176	1	PNP 220090 PNP 220080	103 61	96 66	102 39	111 28	94 26	106 45			94 18	103 0.57 73	102 0.49 36	88 21 28	96 16.2 66	102 8.5 39	104 113 44	94 29.5 20	95 116 18	93 -66 11	90 11.0 20	95 -2.4 32	93 -1.9 11	103 37.5 36	89 16 21	95 26 20	93 -0.03 18	91 -0.94 17	107 0.04 15
PNP 250180 6020047830 HAYLEY 25180		PNP 230030 PNP 220162	98 62	101 67	101 40	101 27	97 28	100 45			96 16	98 0.90 74	102 0.51 37	99 32 27	101 18.5 67	101 8.2 40	102 110 45	100 32.8 23	98 126 19	96 -70 10	98 15.1 20	99 -4.9 32	95 -2.1 15	106 39.0 38	93 18 21	96 26 20	94 0.06 17	93 -0.77 16	99 -0.35 15
PNP 250189 6020055957 MIMSI 25189	1	PNP 220029 PNP 190049	100 65	113 70	99 47	95 29	99 27	100 48	100 22	100 43	105 24	100 0.75 75	102 0.50 44	104 38 29	113 23.6 70	99 7.6 47	107 121 49	108 38.3 27	99 131 25	101 -76 17	105 18.3 26	98 -4.0 27	96 -2.3 14	114 42.6 41	92 17 28	100 30 27	100 0.51 25	104 0.33 24	100 -0.29 23
PNP 250192 6020055973 IVY 25192	4	PNP 220029 PNP 120017	95 67	109 71	97 52	87 26	92 35	93 50			101 20	99 0.87 76	93 0.84 49	114 48 26	109 21.7 71	97 7.1 52	99 102 50	102 34.0 32	95 113 22	95 -68 13	103 17.6 23	103 -8.0 38	82 -0.1 21	103 37.8 46	105 25 28	108 38 27	100 0.54 21	103 0.29 20	98 -0.38 20
PNP 260006 6020056005 DELIA 26006		KC 210001 PNP 200095	99 65	116 59	113 46	84 29	96 29	103 45	111 20	105 40	113 24	102 0.64 75	94 0.82 43	116 50 29	116 24.5 59	113 11.7 46	115 139 45	113 41.6 32	108 164 24	102 -77 13	114 22.9 26	91 0.4 30	99 -2.8 17	108 39.6 41	114 31 27	116 46 26	108 1.10 25	103 0.22 23	101 -0.24 23
PNP 260013 6020059900 SKYE 26013		44D PNP 210056	109 62	100 50	105 34	113 18	102 25	119 37			98 14	105 0.39 73	109 0.19 37	86 19 18	100 18.1 50	105 9.5 34	99 101 34	95 29.5 24	98 127 15	97 -71 13	104 17.7 17	99 -4.9 25	108 -4.1 13	92 32.6 36	98 21 18	99 30 17	96 0.20 15	88 -1.19 14	112 0.28 14
PNP 260017 6020448582 JUSTINE 26017	8	PNP 220199 PNP 230027	102 61	90 46	104 34	102 23	97 25	102 37			94 12	104 0.44 72	95 0.77 37	96 30 23	90 13.8 46	104 9.1 34	97 99 34	93 28.4 18	98 125 13	100 -75 10	92 11.8 14	99 -4.7 28	94 -2.0 12	105 38.6 34	100 23 14	97 28 14	100 0.54 12	87 -1.34 11	97 -0.44 11
PNP 260022 6020448863 UGIE 26022		PNP 220029 PNP 220088	98 63	98 58	105 40	99 28	102 29	105 43	98 20	105 38	98 24	102 0.64 74	93 0.85 39	100 33 28	98 17.3 58	105 9.3 40	103 111 42	99 32.3 26	98 127 24	100 -75 14	96 13.7 25	107 -10.2 35	97 -2.5 15	101 36.5 38	100 22 27	100 31 26	100 0.53 24	95 -0.52 23	100 -0.30 23
PNP 260026 6020448897 LU-LU 26026	2	PNP 220029 PNP 190062	86 66	110 59	98 48	84 32	100 31	90 47	102 26	90 43	105 27	89 1.56 75	93 0.84 46	117 52 32	110 22.0 59	98 7.4 48	99 101 46	107 37.8 28	103 145 27	96 -70 21	109 20.4 29	100 -5.3 36	98 -2.6 16	106 38.7 41	107 27 30	110 41 30	110 1.26 28	92 -0.85 26	98 -0.37 26
PNP 260027 6020448905 IVY 26027		KC 210001 PNP 180052	100 66	108 60	102 49	85 28	94 32	100 46			105 18	99 0.83 75	104 0.43 46	116 51 28	108 21.3 60	102 8.5 49	101 106 46	106 36.6 32	102 142 19	102 -78 7	102 17.2 21	92 0.0 36	98 -2.6 18	99 35.9 43	102 24 22	106 36 21	107 1.06 19	101 0.04 17	102 -0.19 17

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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																													
PNP 260028 6020448913 IVY 26028		KC 210001 PNP 180052	102 66	107 60	102 49	84 28	94 32	102 46			105 18	101 0.68 75	103 0.45 46	116 51 28	107 20.9 60	102 8.6 49	101 106 46	105 36.1 32	102 142 19	102 -78 7	102 17.2 21	92 0.0 36	98 -2.6 18	99 35.9 43	102 24 22	106 36 21	107 1.06 19	101 0.04 17	102 -0.19 17
PNP 260029 6020448921 PRINCESS 26029	2	PNP 220029 PNP 190083	93 65	101 57	104 43	93 27	88 31	92 44			101 20	96 1.05 75	94 0.82 44	107 41 27	101 18.2 57	104 9.1 43	101 107 42	100 33.0 26	99 130 22	99 -74 15	103 17.5 22	87 3.4 35	88 -1.1 16	113 42.2 41	102 24 24	104 34 23	103 0.74 21	102 0.17 20	99 -0.33 20
PNP 260030 6020448939 SUZIE 26030	1	PNP 220029 PNP 190065	104 65	104 56	115 47	84 34	83 31	100 46	102 26	100 42	106 27	109 0.07 75	87 1.08 44	115 49 34	104 19.5 56	115 12.4 47	109 125 46	101 33.4 28	101 136 28	95 -69 22	108 20.0 29	85 4.7 35	82 -0.2 18	113 41.9 41	105 26 31	109 39 30	111 1.37 28	91 -0.98 26	108 0.09 26
PNP 260032 6020448954 VRYDAG 26032	1	PNP 220029 PNP 220091	93 64	98 58	101 42	90 27	102 29	98 44			95 22	96 1.04 75	93 0.85 41	111 45 27	98 17.3 58	101 8.2 42	95 94 42	98 31.4 26	93 105 22	94 -67 14	96 13.7 23	107 -10.4 35	95 -2.2 14	103 37.6 38	98 21 25	98 29 24	97 0.32 22	98 -0.25 21	99 -0.33 21
PNP 260035 6020448970 MICHELLE 26035	2	PNP 220029 PNP 220124	98 63	98 57	97 41	95 27	96 30	97 43			98 20	100 0.80 73	97 0.68 40	105 39 27	98 17.3 57	97 7.1 41	94 92 42	96 30.2 26	97 121 22	98 -72 14	102 16.7 23	100 -5.9 35	93 -1.8 15	102 37.3 40	101 23 25	103 34 24	100 0.53 21	99 -0.15 20	101 -0.25 20
PNP 260047 6020637200 SKYE 26047	1	PNP 240029 PNP 240008	105 58	96 42	95 26	112 14	101 19	107 32			94 8	104 0.45 70	104 0.43 31	88 21 14	96 16.5 42	95 6.5 26	98 100 27	92 28.0 15	95 115 9	95 -69 8	99 15.4 10	100 -5.5 19	99 -2.8 9	109 40.2 28	93 18 11	96 27 10	93 -0.05 9	94 -0.62 8	111 0.23 8
PNP 260050 6020769995 SANDRA 26050	1	PNP 230030 PNP 240015	95 59	114 50	106 29	104 21	104 20	104 36			111 16	97 1.02 72	97 0.69 32	95 28 21	114 24.0 50	106 9.8 29	119 147 33	111 39.9 18	111 174 16	106 -82 7	110 20.7 17	100 -5.7 20	100 -2.9 9	120 45.3 31	104 25 18	110 41 17	104 0.78 16	98 -0.22 15	111 0.25 13
PNP 260058 6020770001 LULU 26058	1	PNP 230030 PNP 240047	95 60	115 51	110 29	97 21	109 21	105 37			115 15	98 0.90 73	93 0.87 32	101 35 21	115 24.3 51	110 10.8 29	119 147 34	112 40.7 17	116 192 15	109 -87 7	113 22.3 17	105 -8.8 22	104 -3.5 10	119 44.7 31	109 28 18	115 46 17	108 1.14 16	99 -0.16 14	111 0.26 13
PNP 260061 6020906480 JUSTINE 26061	1	PNP 230030 PNP 200080	103 65	114 53	108 43	103 31	107 29	112 44			112 19	106 0.30 75	92 0.89 42	96 29 31	114 23.7 53	108 10.4 43	120 149 42	111 40.2 22	113 182 20	109 -87 14	110 21.2 22	108 -11.1 32	99 -2.8 16	115 43.0 38	109 28 23	112 42 22	115 1.65 20	88 -1.21 18	116 0.50 17
PNP 260065 6020906514 JUSTINE 26065	2	PNP 230030 PNP 190092	104 65	114 54	108 43	92 26	104 28	110 43			115 16	105 0.37 75	99 0.62 43	108 41 26	114 23.8 54	108 10.2 43	114 135 41	112 40.8 23	114 186 17	107 -84 9	111 21.6 19	101 -6.6 33	98 -2.5 14	123 46.5 38	109 28 20	114 45 19	111 1.34 17	96 -0.47 15	110 0.20 14
PNP 260066 6020906522 HAYLEY 26066	4	PNP 220029 PNP 200074	97 66	96 59	105 46	85 32	84 30	95 46			93 21	101 0.71 76	91 0.92 44	115 49 32	96 16.4 59	105 9.5 46	96 95 46	94 29.1 28	89 91 22	90 -62 14	100 16.1 23	90 1.6 35	82 -0.1 16	104 38.0 40	94 19 24	95 26 24	95 0.16 22	100 0.00 20	98 -0.40 20
PNP 260067 6020914369 VERONICA 26067		KC 210001 PNP 180055	98 67	102 61	89 50	94 33	92 33	90 48	95 20	89 42	94 22	98 0.92 77	101 0.54 46	107 41 33	102 19.0 61	89 4.7 50	90 83 48	102 34.2 36	94 111 24	94 -67 14	97 14.6 26	89 1.9 36	98 -2.6 21	99 35.6 43	101 23 27	96 27 26	95 0.15 23	103 0.23 21	106 0.00 21

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																													
PNP 260070 6020906571 FRIEDA 26070		PNP 220029 WDW 180172	101 68	98 57	105 46	90 32	89 31	99 46	94 24	98 42	97 25	103 0.54 78	95 0.75 47	110 44 32	98 17.0 57	105 9.3 46	98 101 45	94 29.4 28	90 97 26	87 -58 19	109 20.6 28	92 -0.3 33	86 -0.8 18	108 39.9 42	93 18 29	100 30 28	96 0.21 26	105 0.50 24	101 -0.25 24
PNP 260073 6020914377 SANDRA 26073	1	PNP 230030 PNP 210072	92 64	119 50	109 41	93 31	103 25	100 42			116 16	92 1.35 74	99 0.59 41	106 40 31	119 26.0 50	109 10.7 41	120 148 41	118 44.5 22	116 193 17	111 -89 9	111 21.4 19	97 -3.7 27	101 -3.0 13	120 45.2 36	111 29 20	114 45 19	110 1.24 17	98 -0.27 16	108 0.11 15
PNP 260075 6020914393 SWEETIE 26075	1	PNP 220029 PNP 200007	96 66	100 56	102 48	93 31	95 28	97 45	100 21	97 40	104 22	99 0.81 75	93 0.85 45	107 40 31	100 18.1 56	102 8.6 48	100 104 45	100 33.3 26	102 141 23	98 -72 17	112 22.1 24	91 0.5 29	96 -2.3 15	110 40.8 41	105 26 26	108 38 25	109 1.21 23	109 0.80 22	104 -0.09 21
PNP 260078 6020914401 MIMSI 26078		KC 210001 PNP 170009	110 67	110 60	93 51	99 36	96 30	102 48	99 23	102 43	101 24	104 0.45 76	114 0.01 47	101 35 36	110 22.1 60	93 5.8 51	101 106 49	107 37.2 36	96 120 26	95 -69 18	96 13.9 28	96 -3.1 30	96 -2.2 17	102 37.3 43	96 20 28	98 29 28	96 0.23 24	106 0.52 23	97 -0.41 22
PNP 260081 6020914435 KIRSTY 26081		PNP 230030 PNP 190039	98 65	129 53	99 42	97 27	116 27	106 42			124 20	96 1.03 75	105 0.35 43	102 36 27	129 30.1 53	99 7.7 42	120 150 41	122 47.0 23	123 220 21	115 -95 13	117 24.7 23	110 -12.6 31	111 -4.6 14	119 44.7 36	110 29 24	119 49 23	118 1.86 21	94 -0.67 19	105 -0.04 18
PNP 260088 6020914450 LUCKY 26088		KC 210001 PNP 210140	117 66	94 56	99 47	102 31	91 29	111 45			96 16	112 -0.13 76	113 0.03 45	98 31 31	94 15.4 56	99 7.8 47	96 95 45	94 28.9 29	95 114 17	96 -71 6	93 12.7 19	93 -0.5 31	93 -1.8 16	99 35.9 39	96 20 19	97 28 19	94 0.04 16	106 0.55 15	97 -0.41 15
PNP 260090 6020906563 VRYDAG 26090	4	PNP 220029 PNP 210112	96 65	99 58	108 45	88 33	88 30	97 46			100 21	99 0.82 75	94 0.80 43	112 46 33	99 17.5 58	108 10.3 45	101 107 45	99 32.5 26	98 126 22	100 -75 14	101 16.6 22	89 1.9 36	87 -0.9 16	112 41.6 39	101 23 24	101 32 24	101 0.61 22	105 0.48 20	103 -0.12 20
PNP 260091 6020914468 UGIE 26091		KC 210001 PNP 210049	100 64	102 59	104 44	100 30	108 29	109 45			99 20	100 0.76 75	100 0.55 41	99 33 30	102 19.0 59	104 9.0 44	105 116 44	105 36.0 28	102 139 21	101 -77 8	92 11.9 23	109 -11.7 35	106 -3.9 15	93 32.9 38	99 22 23	99 30 23	99 0.44 21	96 -0.42 19	99 -0.33 19
PNP 260092 6020914476 SALLY 26092		PNP 230030 WDW 160127	97 67	103 56	110 47	101 34	104 33	107 47	109 22	108 42	108 24	99 0.86 77	98 0.66 46	97 31 34	103 19.3 56	110 10.7 47	112 131 46	103 35.1 26	108 161 26	100 -75 16	103 17.7 29	107 -10.7 37	97 -2.5 21	108 39.8 42	106 26 29	110 41 28	102 0.66 25	99 -0.12 23	102 -0.17 22
PNP 260093 6020914484 JULIE 26093		KC 210001 PNP 190128	104 66	102 59	105 48	89 32	101 31	109 47			101 16	102 0.59 76	104 0.41 45	111 45 32	102 18.8 59	105 9.5 48	102 108 46	103 34.6 28	101 136 18	99 -73 10	99 15.6 20	102 -7.2 34	99 -2.8 19	98 35.3 41	101 23 20	102 33 20	101 0.59 17	100 -0.08 15	99 -0.32 15

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Polled HH:Horned, PcPc:Polled, PcH: Polled horn carrier	Myostatin nt821	Q204X	F94L	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								
										★★★★★☆☆															
1	PNP 240054	STREET 24054	H65	KRM 210005	0.0					106	63	99	69	101	39	118	29	114	29	121	46				
										★★★★★☆☆															
1	PNP 220076	SIMON 22076	6153	PNP 140018	0.0					105	73	96	76	101	55	120	33	110	41	119	55	91	30	116	50
2	PNP 220090	MAGIC 22090	WDW 190007	PNP 190038	0.5					99	72	97	77	99	52	111	36	112	34	111	54				
										★★★★★☆☆															
1	KC 210001	BOLTEN 101	652D	KC 150018	0.2					107	82	114	92	101	54	89	34	95	39	106	61	107	20	107	53
2	PNP 230030	DUSTIN 23030	84F	PNP 200095	0.2					96	89	134	88	111	83	94	82	111	66	107	80	137	82	113	80
3	PNP 240029	HOUSTON 24029	H65	PNP 190092	0.8					114	65	86	67	98	40	110	22	98	27	105	44				
4	PNP 240059	JACKSON 24059	H65	PNP 200080	0.4					113	63	82	67	99	39	126	27	101	27	109	45				
5	PNP 240063	DALTON 24063	KC 210001	PNP 200095	0.1					97	66	122	70	111	47	79	29	97	30	102	48	120	20	105	42
6	PNP 240145	SPITFIRE 24145	KC 210001	PNP 200008	0.4					103	66	111	70	107	50	94	35	100	29	108	50				
										★★★★☆☆															
1	PNP 220029	RENEGADE 22029	174E	PNP 180052	0.2					96	81	110	90	105	57	88	37	92	40	97	61	102	33	97	55
2	PNP 220199	PRINCE 22199	WDW 190007	PNP 190083	1.5					102	68	80	59	106	48	99	33	103	37	94	48				
3	PNP 230190	SOX 23190	PNP 200089	PNP 190110	1.8					99	65	104	70	101	48	94	30	88	31	97	49				
4	PNP 240038	LYONS 24038	PNP 200054	PNP 190063	1.6					97	64	103	65	104	46	94	32	87	32	96	48	102	27	97	44
5	PNP 240044	FORESTER 24044	H65	WDW 180172	0.0					112	65	79	68	99	39	115	26	91	27	97	46				
6	PNP 240046	FROSTED 24046	PNP 200054	PNP 190049	0.2					98	65	125	68	90	47	90	30	104	28	95	48	112	23	97	43
7	PNP 240123	DELTA 24123	KC 210001	PNP 130048	0.1					103	68	93	72	99	53	97	29	89	35	99	51				
8	PNP 240164	JUMBO 24164	PNP 200089	PNP 190075	0.2					101	67	106	71	110	50	89	33	77	34	96	51	111	24	98	46
9	PNP 240165	VANGUARD 24165	KC 210001	PNP 210112	0.3					98	66	117	70	102	47	80	31	90	30	96	49				
										★★★★☆☆															
1	PNP 230169	HUNTER 23169	PNP 200089	PNP 200074	1.8					95	66	106	71	99	48	84	31	76	32	87	50				
2	PNP 240060	BUFF 24060	PNP 200089	PNP 210065	2.2					99	65	109	70	95	47	96	32	80	33	88	49				

Selection List on Cow Value

Bulls 2 years and older

ID			Name		Sire ID	Dam ID	% Inbreeding	Polled HH: Horned, PcPc: Polled, PcH: Polled horn carrier	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									
													★★★★								
3	PNP 240115	GAYLE 24115			PNP 200089	PNP 190148	3.6						9766	10671	9350	10931	7831	8850			

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Polled HH:Horned, PcPc:Polled, PcH: Polled horn carrier	Myostatin nt821	Q204X	F94L	Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value										
Sorted on ID										Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★★																	
1	KRM 180096	UGIE 180096	KRM 130069	KRM 100032	2.5					109	81	100	80	103	80	122	58	111	51	126	68	102	36	125	62		
2	KRM 210005	UGIE 210005	BH 140034	KRM 160015	3.4					105	76	110	76	108	71	106	58	132	51	124	65	106	32	124	58		
3	PNP 230164	SWEETIE 23164	44D	PNP 200008	0.2					116	85	111	85	118	81	98	80	114	61	125	77	107	79	126	77		
4	PNP 230176	SKYE 23176	44D	PNP 140018	0.1					107	66	98	70	110	45	106	24	116	33	124	47	95	21	122	42		
										★★★★★																	
1	KRM 210090	MARINA 210090	KRM 140035	KRM 140078	3.5					110	76	100	76	103	71	118	65	94	51	115	67	109	37	116	61		
2	PNP 190061	CHARLIZE 19061	PNP 160013	PNP 150003	0.3					111	77	92	75	121	75	92	54	101	47	114	64	104	22	114	56		
3	PNP 200008	SWEETIE 20008	PNP 160013	PNP 160108	0.1					101	72	105	68	113	76	106	61	105	41	112	62	103	26	112	55		
4	PNP 200080	JUSTINE 20080	PNP 140066	PNP 150009	4.3					111	88	92	87	106	86	112	82	103	72	119	81	90	80	117	81		
5	PNP 210049	UGIE 21049	WDW 190007	KRM 180096	1.2					99	75	88	75	107	63	112	49	120	43	113	60	96	22	112	52		
6	PNP 210056	SKYE 21056	6153	PNP 140018	0.0					99	71	103	63	102	61	117	33	109	41	113	52	95	30	112	48		
7	PNP 220016	KIRSTY 22016	174E	PNP 190039	0.3					99	73	121	64	111	67	81	54	112	36	111	58	117	34	114	53		
8	PNP 220038	FREDA 22038	WDW 180081	WDW 180172	1.5					106	74	95	60	108	65	98	52	104	39	113	57	98	22	112	50		
9	PNP 220085	SWEETIE 22085	84F	PNP 200008	0.1					107	68	106	68	110	46	114	36	104	36	118	51	104	20	119	45		
10	PNP 220088	UGIE 22088	WDW 190007	KRM 180096	1.2					103	72	85	74	105	55	112	40	113	43	112	56	95	22	110	49		
11	PNP 220179	LULU 22179	WDW 190007	PNP 140017	0.9					90	72	95	73	115	56	76	41	122	43	110	56						
12	PNP 240008	SKYE 24008	44D	PNP 210056	0.2					105	66	101	50	105	34	113	18	104	26	116	38						
13	PNP 240058	KIRSTY 24058	H65	PNP 220016	0.3					106	61	109	65	102	37	104	27	104	22	111	43						
14	PNP 240108	KIRSTY 24108	KC 210001	PNP 190039	0.5					110	66	116	71	96	48	97	28	108	29	111	49						
15	PNP 240130	JUSTINE 24130	KC 210001	PNP 120040	0.0					110	68	97	73	101	54	103	28	98	35	110	51						
16	WDW 240139	MADAME SLAM	WDW 200023	WDW 210172	3.7					104	67	114	55	115	45	82	33	118	32	115	46	123	28	118	42		
										★★★★★																	
1	KRM 210057	MUSIC 210057	KRM 180103	KRM 170099	3.7					93	74	109	75	108	68	129	48	85	45	106	61	114	32	108	55		
2	KRM 210071	SONIA 210071	KRM 180103	KRM 170038	3.3					105	75	113	76	96	69	127	56	89	45	108	63	120	32	111	57		
3	PNP 150081	SUZIE 15081	WDW 110032	PNP 100020	0.2					112	83	99	74	121	82	85	48	82	51	107	65	105	29	107	58		
4	PNP 170009	MIMSI 17009	WLB90X	PNP 140014	0.1	PcPc	0	0	0	🇬🇧	113	81	105	78	83	80	109	64	97	45	102	69	92	40	100	63	
5	PNP 180023	BEE 18023	PNP 140066	PNP 120028	0.5					100	81	102	78	114	79	86	53	100	47	107	66						
6	PNP 190016	SWEETIE 19016	P43384585	PNP 160108	0.0					100	90	107	90	87	90	80	86	119	70	102	84	99	86	102	84		

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Polled HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Myostatin nt821 Q204X F94L 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				% Inbreeding										
										★★★★☆				
7	PNP 190039	KIRSTY 19039	P43384585	PNP 170007	0.2	98 79	125 74	86 72	101 44	121 43	102 61	112 27	104 54	
8	PNP 190049	MIMSI 19049	P43384585	PNP 170009	0.2	110 77	110 74	95 72	102 44	106 36	109 60	101 28	109 54	
9	PNP 190075	JUSTINE 19075	BMH 150111	PNP 100020	0.0	114 78	90 75	125 76	92 56	76 51	101 66	89 42	100 61	
10	PNP 190092	JUSTINE 19092	PNP 160018	PNP 120040	0.4	111 79	94 76	104 74	90 43	96 46	109 62			
11	PNP 190128	JULIE 19128	PNP 140066	PNP 120010	0.4	106 79	88 73	111 73	89 54	107 48	109 64	95 20	108 55	
12	PNP 190136	IVY 19136	PNP 140066	PNP 110032	0.5	100 79	91 68	115 76	79 54	96 50	102 63			
13	PNP 190148	GAIL 19148	PNP 160013	PNP 090006	3.9	105 76	89 73	92 76	144 50	78 43	103 62			
14	PNP 190154	MOIRA 17154	P43214852	PNP 170074	0.1	98 76	99 71	93 70	95 44	107 39	100 59	97 30	99 53	
15	PNP 210071	LULU 21071	PNP 180058	PNP 140017	0.2	88 75	93 74	126 70	75 54	114 45	104 63			
16	PNP 210137	SUZIE 21137	WDW 170160	PNP 150081	1.5	108 75	92 73	99 69	97 47	86 43	100 60	104 22	100 52	
17	PNP 220078	SKYE 22078	WDW 190007	PNP 140018	0.9	99 75	81 74	115 63	103 36	136 45	106 57	88 24	104 50	
18	PNP 220080	SUZIE 22080	84F	PNP 190065	1.3	108 69	100 69	109 57	104 41	75 39	102 54	101 26	102 48	
19	PNP 220086	SOPHIE 22086	WDW 190007	PNP 190110	1.0	101 70	80 72	115 61	103 43	109 35	100 56			
20	PNP 220096	INDIGO 22096	84F	PNP 200006	2.5	105 68	104 68	94 55	127 39	84 36	105 53	100 22	105 47	
21	PNP 220123	MAVIS 22123	WDW 170160	PNP 130002	0.3	99 73	95 73	105 65	95 47	89 37	100 58			
22	PNP 220140	SUZIE 22140	WDW 170160	PNP 150081	1.5	114 87	97 87	92 84	88 82	97 68	108 80	102 81	108 80	
23	PNP 230027	JUSTINE 23027	PNP 200089	PNP 200080	1.0	101 70	100 69	101 48	106 32	91 33	101 50			
24	PNP 230113	BEE 23113	WDW 190007	PNP 180023	0.8	97 69	94 72	108 54	92 38	108 36	109 54			
25	PNP 230133	MARGO 23133	PNP 200089	PNP 190038	0.9	99 66	101 70	99 47	119 30	91 29	104 49			
26	PNP 230143	CHARLIZE 23143	PNP 200089	PNP 190061	2.1	101 66	108 71	107 49	91 32	88 33	102 50			
27	PNP 230150	SUZIE 23150	WDW 190007	PNP 150081	0.7	102 86	101 86	112 83	96 81	87 68	102 79	102 80	102 79	
28	PNP 230181	FELICITY 23181	44D	WDW 210082	0.0	102 64	110 65	104 39	88 29	84 24	100 45			
29	PNP 230189	LADY 23189	WDW 190007	PNP 160001	1.1	103 69	84 72	106 55	100 38	102 37	101 54	95 20	100 47	
30	PNP 230193	INDIGO 23193	44D	PNP 210007	0.1	111 62	86 65	100 36	115 17	92 24	107 41			
31	PNP 240015	SANDRA 24015	H65	PNP 210072	0.8	98 66	93 65	100 37	115 28	96 24	102 45			
32	PNP 240033	SWEETIE 24033	H65	PNP 160108	0.0	103 65	93 68	92 45	111 30	102 29	103 48			
33	PNP 240047	LULU 24047	H65	PNP 210071	0.4	94 66	95 67	110 38	100 28	106 26	105 46			
34	PNP 240090	SONIA 24090	KC 210001	KRM 210071	0.2	103 66	110 73	99 47	110 33	92 30	104 50			
35	PNP 240091	SKYE 24091	H65	PNP 140018	0.0	105 66	75 70	102 44	131 23	117 32	108 47	73 22	103 42	
36	PNP 240104	CHARLIZE 24104	PNP 200089	PNP 190061	2.1	101 66	107 69	107 49	90 32	88 33	102 50			
37	PNP 240106	MELODY 24106	KC 210001	KRM 210057	0.2	98 66	108 70	105 47	108 30	90 30	103 49			
38	PNP 240129	MIMSI 24129	PNP 210050	PNP 170009	4.2	99 65	113 68	87 49	117 36	104 31	100 50	97 25	99 45	

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	Polled HH:Horned, PcPc:Polled, PcH: Polled horn carrier	Myostatin nt821	Q204X	F94L	Genomic tested	Calving	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod									
Sorted on ID					% Inbreeding						Ease Value	Growth Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value				
											Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
											★★★★☆																
39	PNP 240133	VIRGINIA 24133	KC 210001	PNP 190064	0.2						99	66	102	71	101	50	92	32	94	29	100	50					
40	PNP 240151	LUCKY 24151	KC 210001	PNP 210140	0.2						116	66	87	69	101	47	107	31	91	29	107	49					
41	PNP 240162	SADIE 24162	KC 210001	WDW 160127	0.3						105	69	84	74	107	53	104	35	96	35	102	53	85	22	99	47	
42	PNP 240171	MEGAN 24171	KC 210001	PNP 220045	0.3						102	64	93	70	95	46	103	32	102	28	103	48					
43	PNP 240180	OLGA 24180	KC 210001	WDW 200144	3.3						102	66	110	71	91	48	115	29	93	29	100	49					
44	WDW 170159	ROLENE	DVB 140098	WDW 150048	4.0						99	81	84	78	97	80	129	55	98	47	100	67	93	34	99	60	
45	WDW 200144	BLUE PRINT	6153	WDW 180058	0.0						98	76	106	75	81	70	155	47	91	40	104	61	96	27	103	54	
											★★★★																
1	PNP 170054	SANDRA 17054	PNP 140007	PNP 140009	0.8						90	81	108	76	112	76	98	50	81	49	90	65	90	27	89	57	
2	PNP 180052	IVY 18052	P43145081	PNP 120041	0.1						93	81	102	78	101	77	80	43	93	51	94	64					
3	PNP 180063	MEGAN 18063	PNP 140007	FF 140234	1.6						95	80	84	71	96	78	123	53	103	50	94	64	69	26	89	56	
4	PNP 190064	VIRGINIA 19064	PNP 140066	PNP 120015	0.3						99	78	94	77	100	77	90	52	95	40	99	64					
5	PNP 190065	SUZIE 19065	BMH 150111	PNP 150081	0.0						107	78	99	66	125	73	81	56	75	48	99	62	103	40	99	58	
6	PNP 200007	SWEETIE 20007	PNP 160013	PNP 160108	0.1						102	91	88	91	102	91	98	88	97	72	97	85	98	87	97	85	
7	PNP 200017	ROLENE 20017	WDW 170057	WDW 170159	1.1						100	77	89	66	85	72	128	46	83	38	91	58	91	30	90	52	
8	PNP 200057	CHARLIZE 20057	WDW 170160	PNP 150003	4.4						110	75	86	73	87	68	102	48	104	42	98	60	94	22	97	52	
9	PNP 200095	DELIA 20095	174E	PNP 130048	0.3						91	77	117	73	124	69	80	46	97	42	97	60	116	32	100	54	
10	PNP 210072	SANDRA 21072	PNP 180058	PNP 170054	0.3						84	76	105	64	106	68	92	55	94	39	90	59					
11	PNP 210112	VRYPDAG 21112	PNP 180058	PNP 160037	0.5						96	76	88	74	111	69	88	51	84	45	90	62					
12	PNP 210125	JEWEL 21125	PNP 180058	FF 130229	0.7						97	75	95	75	87	69	109	53	96	44	93	62					
13	PNP 210140	LUCKY 21140	PNP 180058	PNP 110007	0.9						115	78	79	64	93	70	116	51	88	43	94	60					
14	PNP 220045	MEGAN 22045	WDW 190007	PNP 190068	0.7						95	73	86	71	85	66	106	53	110	38	90	60					
15	PNP 220091	VRYPDAG 22091	WDW 190007	PNP 160037	0.6						94	74	84	73	98	62	91	37	112	43	94	57					
16	PNP 220110	BEV 22110	WDW 190007	PNP 170079	0.6						106	72	73	73	96	63	123	45	95	43	90	58					
17	PNP 220124	MICHELLE 22124	WDW 170160	PNP 120028	0.5						99	73	87	72	89	58	102	38	101	44	90	56					
18	PNP 220173	ROLENE 22173	WDW 190007	WDW 170159	1.3						101	70	77	73	102	55	115	39	107	36	97	54	90	22	96	48	
19	PNP 220175	JOSIE 22175	PNP 180069	FF 140238	0.8						105	70	102	73	78	54	97	34	100	39	92	53					
20	PNP 220176	INGRID 22176	WDW 190007	PNP 150069	0.9						106	72	82	73	116	64	91	44	97	41	98	58					
21	PNP 220182	BUTTONS 22182	WDW 190007	PNP 180081	0.7						101	71	80	73	107	62	107	39	100	41	96	56					
22	PNP 230020	LUCY 23020	WDW 190063	WDW 200144	0.8						96	67	99	72	86	48	115	33	92	34	93	51	96	38	92	48	

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Polled HH:Horned, PcPc:Polled, PcH: Polled horn carrier	Myostatin nt821	Q204X	F94L	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	PNP 230023	SANDRA 23023	84F	PNP 210002	0.8							106	68	112	67	98	44	95	38	76	31	94	50	104	20	95	44	
24	PNP 230034	JUSTINE 23034	WDW 170160	PNP 190092	0.9							104	71	91	62	94	62	96	37	94	37	97	52					
25	PNP 230103	DELIA 23103	WDW 190007	PNP 130048	1.8							101	70	80	70	100	57	102	36	99	39	91	54					
26	PNP 230120	VRYDAG 23120	WDW 190007	PNP 160037	0.6							94	69	87	72	93	55	91	37	110	39	92	54					
27	PNP 230131	JOSIE 23131	WDW 190007	PNP 170008	0.4							99	69	106	73	79	55	97	40	102	36	90	54	93	22	89	48	
28	PNP 230144	SABRINA 23144	PNP 200089	WDW 160127	0.3							96	69	99	74	101	53	100	35	87	37	94	53	102	22	95	47	
29	PNP 230170	JUSTINE 23170	PNP 200089	PNP 120040	3.3							101	69	100	73	97	54	104	28	89	36	97	51					
30	PNP 230178	VIRGINIA 23178	PNP 200089	PNP 190064	3.3							98	67	99	71	100	50	95	31	86	30	94	50					
31	PNP 230206	BUTTONS 23206	WDW 190007	PNP 180081	0.7							99	68	87	71	100	53	105	39	94	36	94	53					
32	PNP 240001	PRINCESS 24001	PNP 200054	PNP 190083	1.1							92	82	103	79	111	77	100	75	94	62	96	74	99	74	96	74	
33	PNP 240120	UGIE 24120	PNP 200089	KRM 180096	0.6							96	68	114	74	97	51	104	34	93	34	97	52	114	22	100	46	
34	PNP 240143	CHARLIZE 24143	PNP 210050	PNP 160051	3.6							92	65	96	64	82	47	112	29	101	33	90	47	89	22	89	42	
35	PNP 240173	ROLENE 24173	PNP 200089	WDW 170159	0.3							96	68	104	73	95	51	107	33	87	33	93	52	109	20	95	46	
36	PNP 240176	SWEETIE 24176	H65	PNP 220039	0.0							98	61	91	66	88	38	123	25	98	23	98	43					
37	WDW 180172	FRIEDA	HZ 150010	WDW 140020	2.6							108	82	84	69	105	73	92	52	86	48	94	63	86	34	92	57	
												★★★★☆																
1	PNP 180033	DELIA 18033	P43145081	PNP 130048	0.1							95	81	94	78	82	79	95	53	94	52	84	67					
2	PNP 180087	URSULA 18087	JR 130005	PNP 130013	1.5							108	79	85	68	70	75	84	49	103	51	83	62	81	31	81	56	
3	PNP 190062	LU-LU 19062	BMH 150111	PNP 140017	0.1							77	90	109	89	91	89	81	85	107	76	85	84	103	84	86	84	
4	PNP 190083	PRINCESS 19083	PNP 140066	PNP 130058	0.4							94	78	89	72	104	63	98	39	84	47	87	58					
5	PNP 200074	HAYLEY 20074	PNP 160018	FF 140244	1.6							99	78	82	76	106	73	83	51	76	45	82	63					
6	PNP 200093	HEIDI 20093	WDW 170160	PNP 170040	2.0							98	75	83	72	82	67	114	45	88	39	80	59	87	22	78	52	
7	PNP 210065	BUTTONS 21065	WDW 190007	PNP 180081	0.7							95	86	116	86	89	85	94	83	81	72	82	81	102	79	83	81	
8	PNP 210080	JOSIE 21080	PNP 180058	FF 140238	0.6							90	77	114	75	83	70	93	54	98	47	83	63					
9	PNP 210081	CHARLIZE 21081	PNP 180058	PNP 160051	0.1							93	74	86	73	90	68	95	52	105	43	86	61					
10	PNP 220026	SOPHIE 22026	WDW 170160	PNP 110006	0.4							95	74	95	74	89	70	100	54	87	38	86	61					
11	PNP 220039	SWEETIE 22039	WDW 170160	PNP 160108	4.5							86	75	97	74	84	69	107	49	100	39	84	60	96	25	84	53	
12	PNP 220106	GAIL 22106	PNP 200089	PNP 190148	3.6							99	69	102	71	93	50	114	31	66	38	87	51					
13	PNP 220113	DELIA 22113	WDW 190007	PNP 180033	1.9							97	72	77	73	93	63	97	44	106	43	82	58					
14	PNP 220119	DELIA 22119	WDW 190007	PNP 130048	1.8							98	73	72	74	101	64	101	43	98	44	80	59					

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Polled HH:Horned, PcPc:Polled, PcH: Polled horn carrier	Myostatin nt821	Q204X	F94L	Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID				% Inbreeding					Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
									★★★★															
15	PNP 220134	BETSY 22134	WDW 190007	PNP 170068	0.7				98	74	77	73	89	63	93	42	103	42	80	58				
16	PNP 220160	LUCY 22160	WDW 170160	PNP 110014	0.5				102	70	87	71	88	57	102	36	85	40	84	54				
17	PNP 230086	FRIEDA 23086	WDW 170160	WDW 180172	2.2				99	72	87	61	92	62	100	40	89	37	86	53	90	24	84	47
18	PNP 230110	DELIA 23110	PNP 200089	PNP 180033	4.1				91	67	105	72	89	51	95	31	85	35	81	51				
19	PNP 230129	GAIL 23129	PNP 200089	PNP 190148	3.6				97	66	107	71	93	50	111	31	77	31	89	50				
20	PNP 230196	VALERIE 23196	PNP 200089	PNP 180041	4.0				85	67	112	70	98	49	90	25	88	32	84	48				
21	PNP 230198	SANDRA 23198	PNP 200054	PNP 170054	0.7				91	69	127	68	97	48	87	32	92	33	88	50	110	22	90	44
22	PNP 240030	MEGAN 24030	PNP 200089	PNP 200067	1.8				99	65	101	70	86	48	95	28	82	32	84	48				
23	PNP 240056	HEIDI 24056	PNP 200089	PNP 200093	0.3				95	65	98	69	89	46	106	28	82	30	86	48				
24	PNP 240087	VERONICA 24087	KC 210001	PNP 180055	0.2				97	67	108	72	87	51	93	33	92	34	88	51	97	20	88	45
25	PNP 240124	MEGAN 24124	PNP 200089	PNP 180063	1.8				92	67	111	71	93	50	102	32	90	34	88	51				
26	PNP 240125	VRYDAG 24125	PNP 200089	PNP 160037	3.3				91	67	101	72	89	52	90	30	90	36	84	51				
27	PNP 240152	IVY 24152	PNP 200089	PNP 120017	6.5				102	68	81	72	101	53	104	25	84	36	87	50				
28	PNP 240163	JOSIE 24163	PNP 200089	PNP 170008	0.3				99	68	108	72	79	52	102	34	82	33	80	52	94	22	80	46
29	WDW 160127	SOLINDA	ZK 130097	WDW 140020	0.8				96	85	74	82	107	84	109	62	97	58	86	72	81	38	83	65
30	WDW 210082	WDW210082	WDW 170057	WDW 180172	1.6				92	89	97	86	100	87	81	85	72	69	84	82	101	82	85	82
									★★★															
1	FF 140238	FF 140238	BH 100078	FF 080226	0.7				93	85	106	82	63	84	95	54	93	57	71	70	84	32	69	62
2	PNP 140009	SANDRA	71U719T	WDW 120003	0.1				102	83	119	79	78	81	97	55	72	53	77	68	98	34	77	61
3	PNP 170008	JOSIE 17008	WLB90X	FF 140238	0.0				108	82	114	80	60	81	99	59	87	48	77	69	89	37	76	63
4	PNP 180055	VERONICA 18055	JR 130005	FF 140261	2.1				87	82	92	80	75	79	99	56	90	53	70	68	84	33	69	61
5	PNP 200067	MEGAN 20067	PNP 160018	FF 140234	2.2				104	76	85	75	76	71	97	44	88	45	76	61	70	20	72	53
6	PNP 210002	SANDRA 21002	PNP 160018	PNP 140009	0.6				96	87	115	85	88	86	72	85	58	69	72	81	99	80	73	81
7	PNP 220162	HAYLEY 22162	WDW 170160	FF 140244	0.7				101	73	77	75	88	64	98	45	83	44	71	59	73	20	67	51
									★★★															
1	PNP 170079	BEV 17079	JR 130005	PNP 110007	0.3				108	80	80	72	69	80	109	54	76	53	66	66	69	26	62	58
2	PNP 210102	BEE 21102	WDW 170160	PNP 120028	0.5				99	75	84	75	74	70	103	51	86	46	69	62				

Selection List on Cow Value

Cows 2 years and older

ID Name Sorted on ID		Sire ID	Dam ID	% Inbreeding	Polled HH:Horned, PcPc:Polled, PcH: Polled horn carrier	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		
						nt821	Q204X	F94L	Genomic tested	★									
1	FF 130229	FF 130229	BH 100078	FF 090237	1.0					9883	9278	5278	11342	6955	5965	7628	5758		

Selection List on Cow Value

Bull Calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Polled nt821	Myostatin Q204X	F94L	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	
1	PNP 250005	SKYCHIEF 25005	44D	PNP 220078	0.3												
1	PNP 250020	VIETNAM 25020	44D	PNP 220091	0.3												
2	PNP 250062	UITKYK 25062	PNP 220029	KRM 180096	0.3												
3	PNP 250084	KNIGHT 25084	44D	PNP 220016	0.1												
4	PNP 250135	MAESTRO 25135	PNP 220029	PNP 190038	0.8												
5	PNP 260034	SHAKA 26034	PNP 220029	PNP 220078	1.2												
1	PNP 250011	SAMSUNG 25011	PNP 220029	PNP 190065	0.6												
2	PNP 250019	25019	PNP 220029	PNP 220085	0.9												
3	PNP 250024	UGANDA 25024	PNP 220029	PNP 220088	0.5												
4	PNP 250033	FERDI 25033	PNP 220029	WDW 180172	0.3												
5	PNP 250059	UMTATA 25059	KC 210001	PNP 210049	0.4												
6	PNP 250105	BOK 25105	PNP 230030	PNP 220134	1.4												
7	PNP 250117	SWEETCHUCK 25117	PNP 220029	PNP 200007	1.0												
8	PNP 250160	SUNNY 25160	PNP 220029	PNP 200008	1.0												
9	PNP 250171	GAP 25171	PNP 220029	PNP 190148	1.1												
10	PNP 250175	VLAM 25175	44D	PNP 210112	0.3												
11	PNP 250179	GRANDSLAM 25179	PNP 220029	WDW 210172	0.4												
12	PNP 260048	SAXBY 26048	PNP 240029	PNP 230198	1.2												
13	PNP 260062	CHUCK 26062	PNP 230030	PNP 200057	0.2												
14	PNP 260063	SUGARMAN 26063	PNP 230030	PNP 190016	0.4												
15	PNP 260069	INSTABULL 26069	KC 210001	PNP 190136	0.2												
16	PNP 260074	BEELE 26074	PNP 230030	PNP 220134	1.4												
17	PNP 260084	THORN 26084	PNP 220029	PNP 180023	1.8												

Selection List on Cow Value
Bull Calves younger than 2 years

ID Sorted on ID			Sire ID	Dam ID	% Inbreeding HH: Horned, PcPc: Polled, PcH: Polled horn carrier	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									
										★★★★																
1	PNP 250016	SABLE 25016	PNP 220029	PNP 170054	1.1					91	66	113	69	107	48	90	31	86	32	92	49	100	22	93	44	
2	PNP 250025	GATOR 25025	PNP 220029	PNP 220124	1.8					98	54	99	57	97	41	95	27	96	30	96	42					
3	PNP 250049	EASTHILL 25049	PNP 220029	PNP 200074	3.6					95	66	96	70	105	47	86	32	84	31	93	49					
4	PNP 250091	RAZOR 25091	PNP 220029	FF 140220	1.1					104	68	92	60	97	49	108	34	84	34	98	48	83	22	95	43	
5	PNP 250109	JACK 25109	KC 210001	PNP 210125	0.2					102	65	105	71	94	47	97	32	95	30	98	49					
6	PNP 250112	VENOM 25112	PNP 220076	PNP 180055	3.6					97	66	89	70	89	49	111	33	100	34	92	50	85	22	89	44	
7	PNP 250138	SHARKY 25138	KC 210001	PNP 160108	0.3					101	68	119	72	93	53	82	34	101	33	99	52	112	22	101	46	
8	PNP 250139	BOMBER 25139	KC 210001	PNP 210102	0.2					105	65	90	70	90	48	100	31	90	31	92	49					
9	PNP 260007	GATSBY 26007	PNP 230030	PNP 220106	3.1					100	61	117	52	103	33	104	22	89	26	99	39					
10	PNP 260021	SAXBY 26021	PNP 220199	PNP 140009	0.8					104	65	99	49	92	47	98	32	87	33	94	44					
11	PNP 260024	SAMBO 26024	PNP 220029	PNP 170054	1.1					95	67	108	59	109	48	93	31	86	31	96	47	96	22	95	42	
12	PNP 260031	SANGA 26031	PNP 220029	PNP 230023	2.1					101	62	111	56	96	36	92	27	84	25	92	41					
13	PNP 260068	JOCK 26068	PNP 220029	PNP 210080	3.7					95	66	111	59	95	45	90	33	95	31	91	46					
										★★★★☆																
1	PNP 260018	DUMI 26018	PNP 220029	FF 140238	1.0					98	68	107	61	85	51	91	33	93	35	87	49	93	23	86	44	
2	PNP 260025	LUIGI 26025	PNP 220029	PNP 190062	1.5					84	66	110	59	97	48	84	32	100	31	88	47	102	26	89	43	

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Polled HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Myostatin nt821	Q204X	F94L	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								
												★★★★★															
1	PNP 250004	SKYE 25004	44D	PNP 210056	0.2							114	62	98	64	105	35	113	18	102	25	124	41				
												★★★★★															
1	PNP 250007	IVY 25007	44D	PNP 180052	0.5							109	54	99	55	105	41	94	22	94	29	110	40				
2	PNP 250010	LU-LU 25010	44D	PNP 140017	0.0							106	65	102	67	118	46	80	31	103	32	114	48				
3	PNP 250032	LULU 25032	44D	PNP 220179	0.2							105	61	96	53	112	32	92	21	109	26	117	39				
4	PNP 250035	UGIE 25035	PNP 220029	KRM 210005	0.5							101	66	109	72	107	47	98	36	112	33	112	51	101	24	112	46
5	PNP 250151	JULIE 25151	KC 210001	PNP 190128	0.2							106	66	99	70	107	49	92	32	101	32	111	50				
6	PNP 250167	FREDA 25167	KC 210001	PNP 220038	0.3							110	86	103	86	105	82	108	81	107	64	118	79	95	80	117	79
7	PNP 260013	SKYE 26013	44D	PNP 210056	0.2							109	62	100	50	105	34	113	18	102	25	119	37				
8	PNP 260061	JUSTINE 26061	PNP 230030	PNP 200080	0.5							103	65	114	53	108	43	103	31	107	29	112	44				
9	PNP 260065	JUSTINE 26065	PNP 230030	PNP 190092	1.7							104	65	114	54	108	43	92	26	104	28	110	43				
10	PNP 260088	LUCKY 26088	KC 210001	PNP 210140	0.2							117	66	94	56	99	47	102	31	91	29	111	45				
												★★★★★															
1	PNP 250002	LU-LU 25002	44D	PNP 190062	0.3							103	64	100	67	100	41	96	26	101	28	106	45	100	20	106	40
2	PNP 250003	SANDRA 25003	44D	PNP 140009	0.8							114	65	102	68	93	44	107	28	84	31	105	47				
3	PNP 250048	JUSTINE 25048	PNP 220029	PNP 200080	0.2							99	66	109	70	103	47	97	33	97	31	101	50	98	22	101	44
4	PNP 250065	CHARLIZE 25065	PNP 220090	PNP 210081	1.5							96	63	94	68	94	44	102	32	109	28	101	47				
5	PNP 250068	JUSTINE 25068	PNP 220029	PNP 190092	3.3							106	66	98	71	106	47	91	28	94	31	106	49				
6	PNP 250089	LULU 25089	PNP 220029	PNP 210071	4.3							95	65	99	70	117	46	82	34	103	30	103	49				
7	PNP 250102	LADY 25102	KC 210001	PNP 160001	0.2							105	68	99	71	105	52	96	32	91	32	105	51				
8	PNP 250103	CHARLIZE 25103	PNP 220029	PNP 200057	0.2							103	56	98	58	96	44	95	30	98	30	101	43	98	20	100	38
9	PNP 250133	LUCKY 25133	KC 210001	PNP 210140	0.2							109	66	100	69	96	47	101	31	91	29	103	49				
10	PNP 250134	MAGGIE 25134	PNP 220090	KRM 210057	1.0							93	65	109	71	102	44	115	30	99	29	103	48				
11	PNP 250140	SUZIE 25140	PNP 220029	PNP 150081	0.3							105	68	109	71	112	51	85	31	87	33	103	51	106	22	104	45
12	PNP 250157	BEV 25157	PNP 230030	PNP 220110	1.4							98	62	111	67	101	39	105	27	103	28	104	45				
13	PNP 250165	SWEETIE 25165	PNP 220076	PNP 190016	2.3							103	65	97	69	94	48	103	27	115	30	108	48	88	20	106	42
14	PNP 250172	CORA 25172	KC 210001	WDW 200144	3.3							105	67	105	73	93	48	119	29	93	29	105	49				
15	PNP 250176	SUZIE 25176	PNP 220090	PNP 220080	0.9							103	61	96	66	102	39	111	28	94	26	106	45				

Selection List on Cow Value
Heifers younger than 2 years

ID			Name	Sire ID	Dam ID	HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Myostatin				Calving Ease Value		Calf Growth Value		Milk Value		Maint. Value		Fertility Value		Cow Value		Growth Value		Prod Value		
Sorted on ID						% Inbreeding	nt821	Q204X	F94L	Genomic tested	Acc		Acc		Acc		Acc		Acc		Acc		Acc		Acc		
											★★★★☆																
16	PNP 250180	HAYLEY 25180	PNP 230030	PNP 220162	0.3					98	62	101	67	101	40	101	27	97	28	100	45						
17	PNP 250189	MIMSI 25189	PNP 220029	PNP 190049	0.7					100	65	113	70	99	47	95	29	99	27	100	48	100	22	100	43		
18	PNP 260006	DELIA 26006	KC 210001	PNP 200095	0.1					99	65	116	59	113	46	84	29	96	29	103	45	111	20	105	40		
19	PNP 260017	JUSTINE 26017	PNP 220199	PNP 230027	7.6					102	61	90	46	104	34	102	23	97	25	102	37						
20	PNP 260022	UGIE 26022	PNP 220029	PNP 220088	0.5					98	63	98	58	105	40	99	28	102	29	105	43	98	20	105	38		
21	PNP 260027	IVY 26027	KC 210001	PNP 180052	0.4					100	66	108	60	102	49	85	28	94	32	100	46						
22	PNP 260028	IVY 26028	KC 210001	PNP 180052	0.4					102	66	107	60	102	49	84	28	94	32	102	46						
23	PNP 260030	SUZIE 26030	PNP 220029	PNP 190065	0.6					104	65	104	56	115	47	84	34	83	31	100	46	102	26	100	42		
24	PNP 260047	SKYE 26047	PNP 240029	PNP 240008	0.7					105	58	96	42	95	26	112	14	101	19	107	32						
25	PNP 260050	SANDRA 26050	PNP 230030	PNP 240015	1.1					95	59	114	50	106	29	104	21	104	20	104	36						
26	PNP 260058	LULU 26058	PNP 230030	PNP 240047	1.2					95	60	115	51	110	29	97	21	109	21	105	37						
27	PNP 260073	SANDRA 26073	PNP 230030	PNP 210072	1.5					92	64	119	50	109	41	93	31	103	25	100	42						
28	PNP 260078	MIMSI 26078	KC 210001	PNP 170009	0.5					110	67	110	60	93	51	99	36	96	30	102	48	99	23	102	43		
29	PNP 260081	KIRSTY 26081	PNP 230030	PNP 190039	0.5					98	65	129	53	99	42	97	27	116	27	106	42						
30	PNP 260091	UGIE 26091	KC 210001	PNP 210049	0.4					100	64	102	59	104	44	100	30	108	29	109	45						
31	PNP 260092	SALLY 26092	PNP 230030	WDW 160127	0.1					97	67	103	56	110	47	101	34	104	33	107	47	109	22	108	42		
32	PNP 260093	JULIE 26093	KC 210001	PNP 190128	0.2					104	66	102	59	105	48	89	32	101	31	109	47						
											★★★																
1	PNP 250018	PRINCESS 25018	PNP 220029	PNP 190083	1.8					98	65	93	67	107	43	98	27	88	31	97	47						
2	PNP 250111	MAVIS 25111	KC 210001	PNP 220123	0.2					100	64	112	70	101	46	90	29	92	27	99	48						
3	PNP 250113	ROLENE 25113	PNP 220029	PNP 200017	0.2					98	87	101	87	96	84	110	82	83	64	93	80	89	82	91	80		
4	PNP 250118	BUTTONS 25118	PNP 220076	PNP 210065	1.7					99	63	115	68	92	44	102	32	95	30	95	48						
5	PNP 250148	JUSTINE 25148	PNP 220029	PNP 120040	0.2					98	68	108	72	98	53	96	29	97	35	96	51	98	20	96	45		
6	PNP 250192	IVY 25192	PNP 220029	PNP 120017	3.8					95	67	109	71	97	52	87	26	92	35	93	50						
7	PNP 260026	LU-LU 26026	PNP 220029	PNP 190062	1.5					86	66	110	59	98	48	84	32	100	31	90	47	102	26	90	43		
8	PNP 260029	PRINCESS 26029	PNP 220029	PNP 190083	1.8					93	65	101	57	104	43	93	27	88	31	92	44						
9	PNP 260032	VRIDAG 26032	PNP 220029	PNP 220091	1.2					93	64	98	58	101	42	90	27	102	29	98	44						
10	PNP 260035	MICHELLE 26035	PNP 220029	PNP 220124	1.8					98	63	98	57	97	41	95	27	96	30	97	43						
11	PNP 260066	HAYLEY 26066	PNP 220029	PNP 200074	3.6					97	66	96	59	105	46	85	32	84	30	95	46						
12	PNP 260067	VERONICA 26067	KC 210001	PNP 180055	0.2					98	67	102	61	89	50	94	33	92	33	90	48	95	20	89	42		

Selection List on Cow Value
Heifers younger than 2 years

ID Sorted on ID		Name	Sire ID	Dam ID	% Inbreeding HH: Horned, PcPc: Polled, PcH: Polled horn carrier	Myostatin nt821 Q204X F94L 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									
							★★★★																
13	PNP 260070	FRIEDA 26070	PNP 220029	WDW 180172	0.3		101	68	98	57	105	46	90	32	89	31	99	46	94	24	98	42	
14	PNP 260075	SWEETIE 26075	PNP 220029	PNP 200007	1.0		96	66	100	56	102	48	93	31	95	28	97	45	100	21	97	40	
15	PNP 260090	VRIDAG 26090	PNP 220029	PNP 210112	4.1		96	65	99	58	108	45	88	33	88	30	97	46					
							★★★★☆																
1	PNP 250041	ANNIE 25041	PNP 220029	WDW 210082	0.2		91	67	106	71	101	46	85	34	82	29	87	50	102	22	88	44	
2	PNP 250050	JOSIE 25050	PNP 220029	PNP 210080	3.7		90	66	112	70	93	46	91	33	95	31	87	49					

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.

