

# Israeli Holstein Bulls Catalogue 2021



## SION AI & BREEDING COMPANY

Gedera Post Office

POBox 98373

Gedera 7057102

ISRAEL

Tel : +972-(0)8-8592812/3

Fax : +972-(0)8-8593381

E-mail : [rachel@sion-israel.com](mailto:rachel@sion-israel.com)

[www.sion-israel.com](http://www.sion-israel.com)

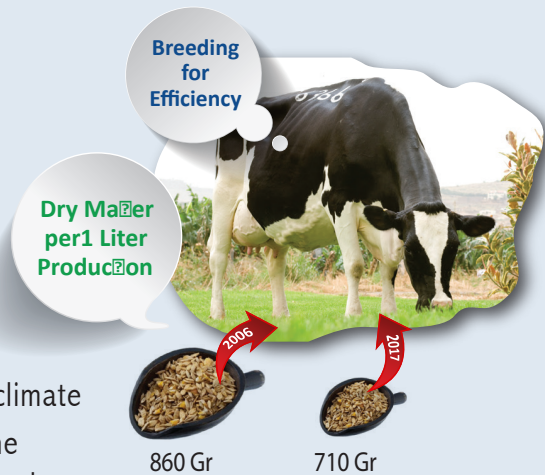




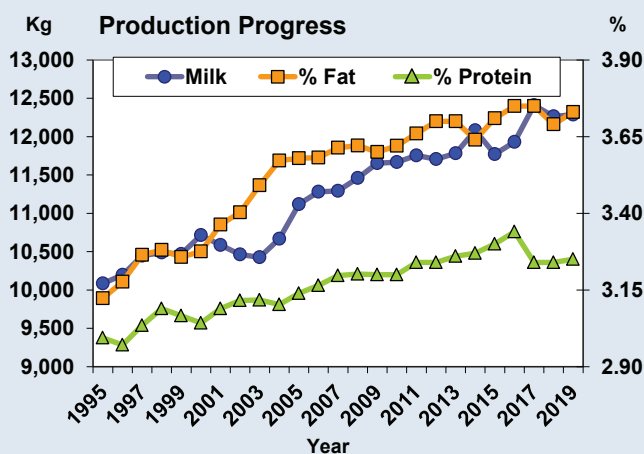
## Breeding the most productive cow in the world

### SION's Profile of Excellence

- Sion is Israel's top company for artificial insemination and the only company producing frozen Israeli Holstein Bulls' semen.
- The Israeli long lasting breeding legacy has placed the Israeli dairy farms at the top of the world's milk production.
- Sion's bulls, with their excellent genetic traits, combined with professional management, ensure high producing dairy cows, despite the hot and humid climate
- The Israeli fine genetics, which are most suitable for the local climate conditions, add higher value to the milk producers.
- Sion's large variety of bulls ensures best match for each cow.
- Sion provides professional support and guidance for best results.
- Sion's data reliability assures trustworthy and dependable genetic parameters.
- The Israeli cow is smaller and more efficient by nutrition/Kg milk and easy to manage in the dairy farm.



### The Israeli cow is the highest in the world in milk production, solid components and persistency



### Comparison in milk production between countries

Country	Year	Milk, Kg	Fat, Kg	Fat %	Protein, Kg	Protein, %	Days Lact.	F & P
Israel	2019	12,262	455	3.71	407	3.32	305	862
Denmark	2019	11,123	454	4.09	390	3.51	365	844
USA	2019	11,629	444	3.82	385	3.31	305	829
Netherlands	2019	10,522	452	4.3	372	3.54	365	824
Canada	2019	10,909	434	3.98	357	3.27	305	791
China	2018	10,183	412	4.05	353	3.47	365	765
Sweden	2018	9,827	411	4.19	346	3.52	365	757
Germany	2019	9,393	380	4.05	323	3.44	365	703
Italy	2018	9,916	343	3.74	358	3.61	305	701
Japan	2018	10,947	430	3.93	366	3.34	365	698
Spain	2017	10,142	372	3.67	325	3.21	365	697
Hungary	2016	9,685	355	3.67	319	3.29	305	674
France	2019	9,048	356	3.94	299	3.31	365	655
UK	2019	7,019	301	4.29	238	3.39	305	539
Australia	2018	7,532	288	3.82	246	3.27	365	534
Ireland	2019	6,625	273	4.12	238	3.6	288	511
N.Zealand	2019	4,605	205	4.45	224	3.76	173	378

Source: ICAR Organization website, 2020

# BAHAD 9064

International No. ISRM000000009064

PD 20  
628



Sire : Bofun

Sire Dam : Hodel

Born : 02.01.2015

Owner : SION

Daughters: 175

Herds: 119

Breeding value: October 2020

Production Traits		Rel: 93%
Milk Kg	882	
Fat Kg	25.2	
Fat %	-0.05%	
Protein Kg	23.6	
Protein %	-0.04%	

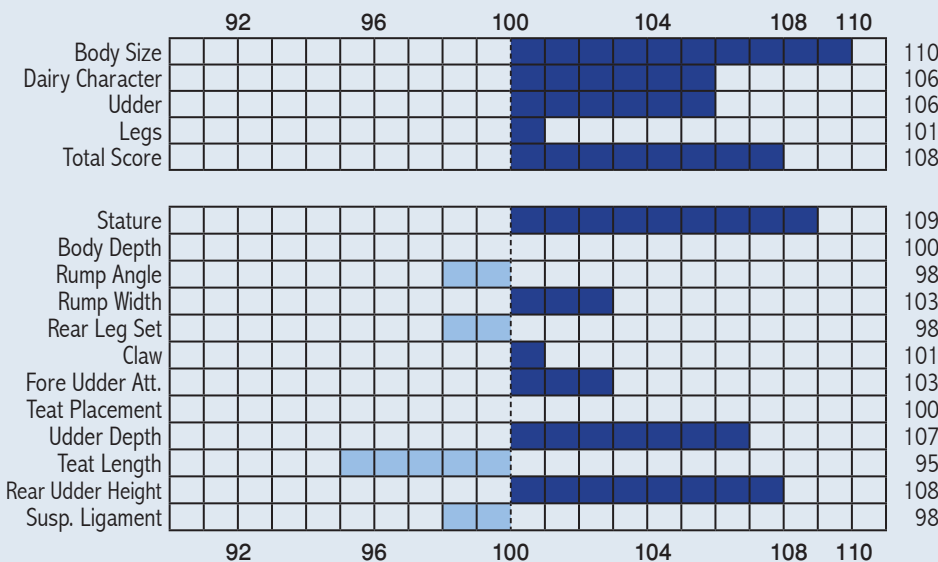
Functional Traits		
Somatic Cell Count		0.23
Daughter Fertility %		-2.13
Longevity (days)		66
Persistence %		-0.4
Sire Calving %	Calving Stillbirth %	1.6
	Calving Difficulty	3.4
Daughter Calving %	Calving Stillbirth %	0.3
	Calving Difficulty	0.6




Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,914
Fat %	3.60%
Protein %	3.15%

Cappa Casein:

Beta Casein:

## Type Traits → Rel: 75%



-  Different blood line
-  High milk yield
-  Excellent udder

# BRENSLY 9032

International No. ISRM000000009032

PD 20  
538



Sire : Borussia

Sire Dam : Wins

Born : 21.11.2014

Owner : SION

Daughters: 303

Herds: 170

Breeding value: October 2020

## Production Traits Rel: 96%

Milk Kg	438
Fat Kg	13.1
Fat %	-0.02%
Protein Kg	17.7
Protein %	0.03%

## Functional Traits

Somatic Cell Count		0.24
Daughter Fertility %		3.31
Longevity (days)		51
Persistence %		-0.4
Sire Calving %	Calving Stillbirth %	0.1
	Calving Difficulty	-1.8
Daughter Calving %	Calving Stillbirth %	-0.9
	Calving Difficulty	-2.7

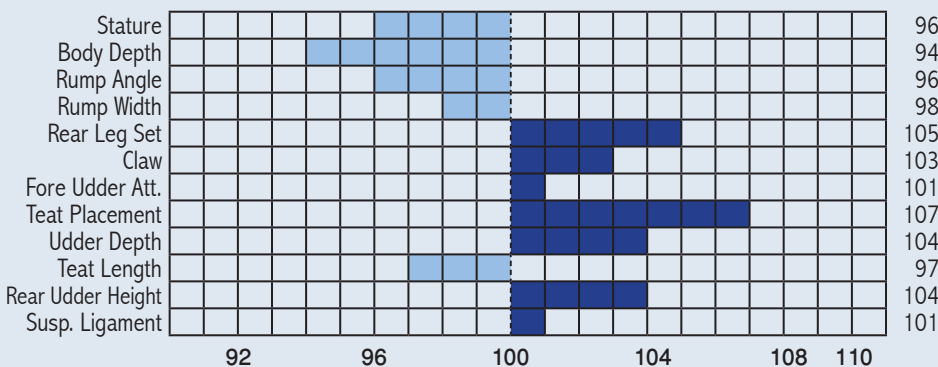
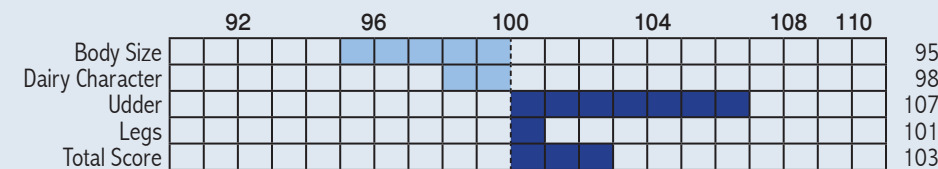
## Production summary 1<sup>st</sup> lactation adjusted for 305 days

Milk Kg	12,420
Fat %	3.61%
Protein %	3.22%

Cappa Casein: AA

Beta Casein: A2/A2

## Type Traits → Rel: 76%



- Different blood line
- Good daughter fertility
- Excellent conformation

# BUSALDO 9023

International No. ISRM000000009023

PD 20  
586



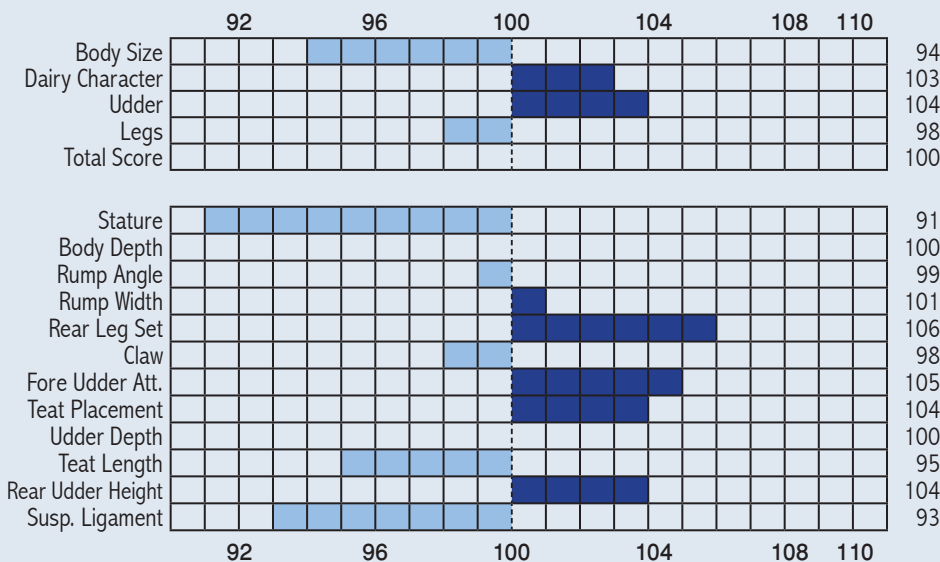
Sire : Bofun
Sire Dam : Sadash
Born : 29.11.2014
Owner : SION
Daughters: 577
Herds: 254
Breeding value: October 2020

Production Traits Rel: 98%	
Milk Kg	1,014
Fat Kg	22.7
Fat %	-0.11%
Protein Kg	21.6
Protein %	-0.08%

Functional Traits		
Somatic Cell Count		0.16
Daughter Fertility %		-4.43
Longevity (days)		126
Persistence %		1.2
Sire Calving %	Calving Stillbirth %	-0.6
	Calving Difficulty	-0.7
Daughter Calving %	Calving Stillbirth %	-0.5
	Calving Difficulty	-0.4

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	13,182
Fat %	3.53%
Protein %	3.11%
Cappa Casein: AA	
Beta Casein: A2/A2	

## Type Traits → Rel: 82%

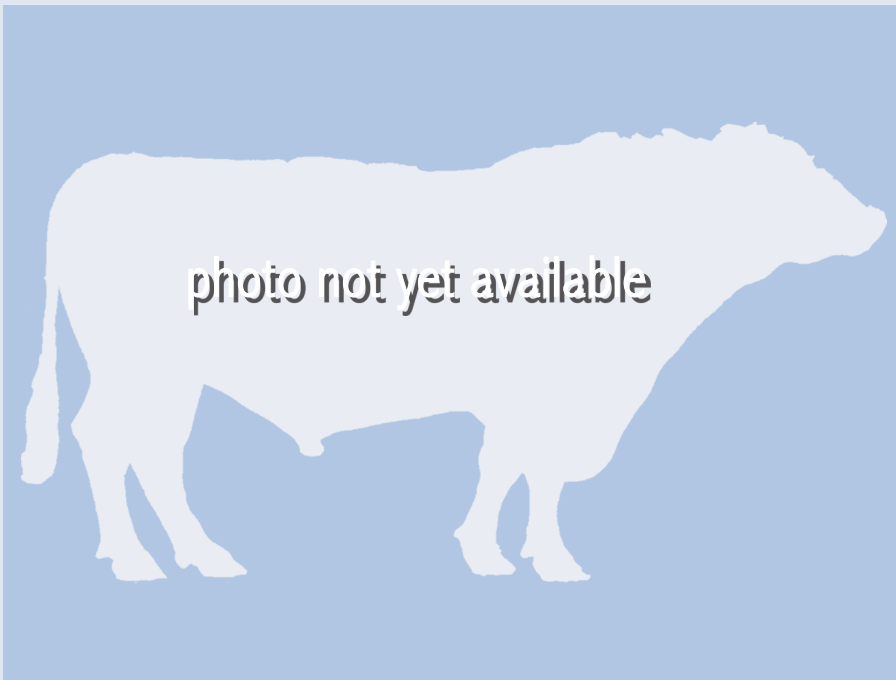


- High milk yield
- High longevity
- Small body size

# DAWSON 9127

International No. ISRM000000009127

PD 20  
301



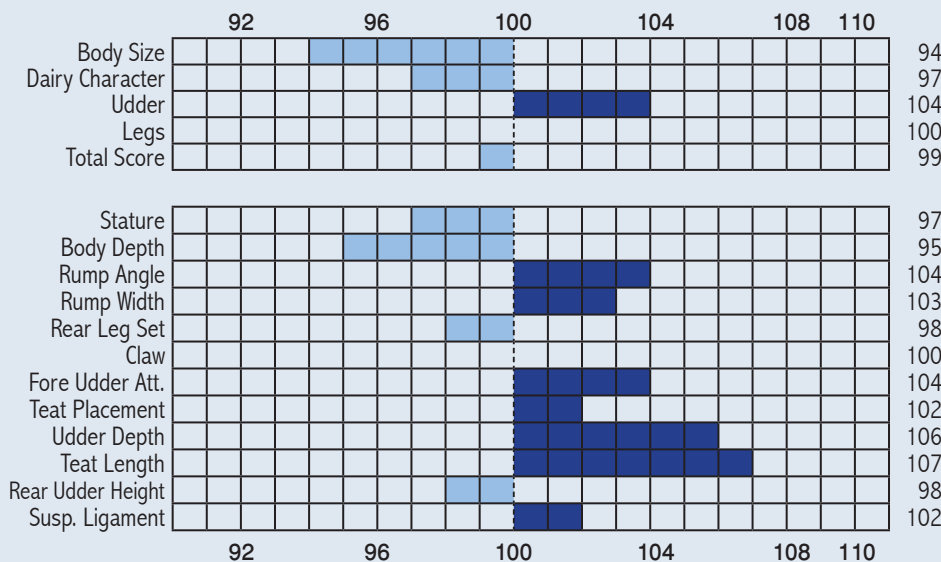
Sire : Dogli
Sire Dam : Crockett-Acres Otto-Et
Born : 24.11.2015
Owner : SION
Daughters: 111
Herds: 78
Breeding value: October 2020

Production Traits Rel: 89%	
Milk Kg	47
Fat Kg	10.9
Fat %	0.08%
Protein Kg	-0.6
Protein %	-0.02%

Functional Traits		
Somatic Cell Count		-0.29
Daughter Fertility %		2.24
Longevity (days)		58
Persistence %		1.0
Sire Calving %	Calving Stillbirth %	-1.0
	Calving Difficulty	-1.3
Daughter Calving %	Calving Stillbirth %	-2.2
	Calving Difficulty	-3.4

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	11,980
Fat %	3.79%
Protein %	3.19%
Cappa Casein: AA	
Beta Casein: A1/A2	

## Type Traits → Rel: 68%



- Low somatic cells
- Small body size
- Recommended for heifers

# DOOTS 7805

International No. ISRM000000007805

PD 20  
238



Sire : Dogit

Sire Dam : Tsalul

Born : 05.01.2011

Owner : SION

Daughters: 321

Herds: 185

Breeding value: October 2020

Production Traits Rel: 97%	
Milk Kg	129
Fat Kg	11.7
Fat %	0.06%
Protein Kg	2.7
Protein %	-0.01%

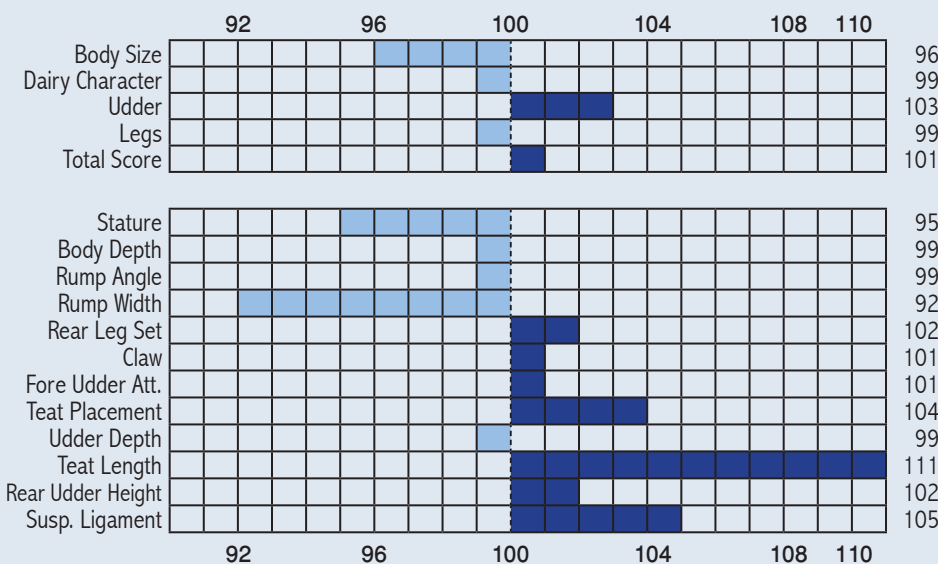
Functional Traits		
Somatic Cell Count		-0.16
Daughter Fertility %		0.46
Longevity (days)		3
Persistence %		0.2
Sire Calving %	Calving Stillbirth %	2.3
	Calving Difficulty	3.0
Daughter Calving %	Calving Stillbirth %	-0.8
	Calving Difficulty	0.8

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,142
Fat %	3.71%
Protein %	3.19%

Cappa Casein: AA

Beta Casein: A1/A2

## Type Traits → Rel: 79%



- Different blood line
- Low somatic cells
- Small body size



# GARDEN 7851

International No. ISRM000000007851

PD 20  
261



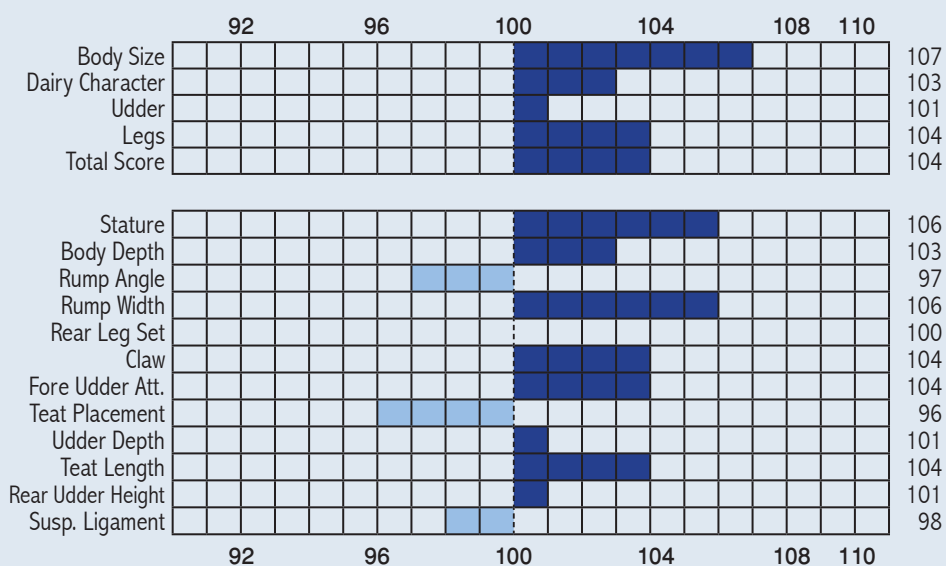
Sire : Jermin
Sire Dam : Dogit
Born : 22.12.2011
Owner : SION
Daughters: 1,638
Herds: 433
Breeding value: October 2020

Production Traits Rel: 99%	
Milk Kg	14
Fat Kg	18.8
Fat %	0.15%
Protein Kg	9.2
Protein %	0.07%

Functional Traits		
Somatic Cell Count		0.23
Daughter Fertility %		-0.51
Longevity (days)		-14
Persistence %		-1.8
Sire Calving %	Calving Stillbirth %	0.2
	Calving Difficulty	0.6
Daughter Calving %	Calving Stillbirth %	0.2
	Calving Difficulty	0.0

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,218
Fat %	3.82%
Protein %	3.28%
Cappa Casein: AB	
Beta Casein: A2/A2	

## Type Traits → Rel: 89%



- Recommended for heifers
- Superb milk components especially in fat
- Very good legs

# GOOGLE 9037

International No. ISRM000000009037

PD 20  
703



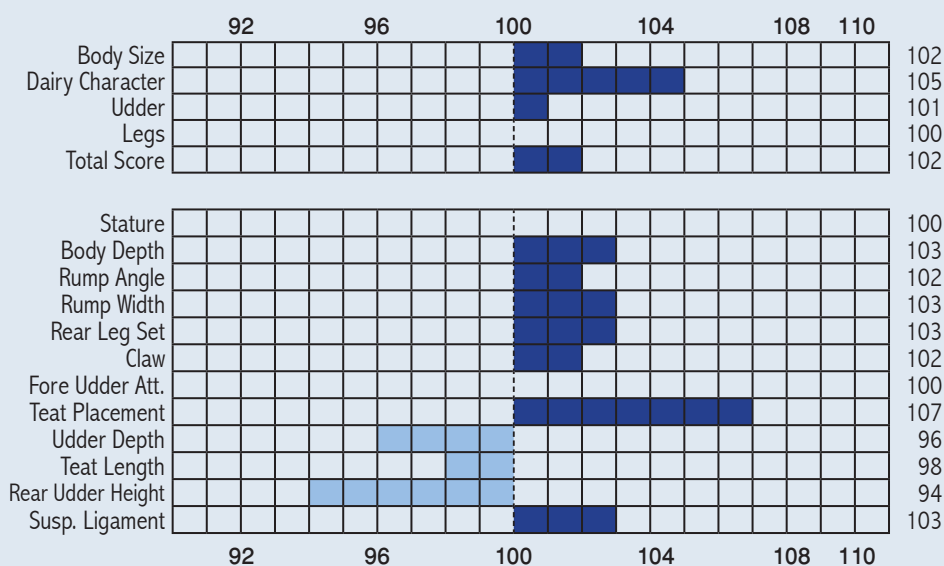
Sire : Gasper
Sire Dam : Jerom
Born : 23.07.2014
Owner : SION
Daughters: 534
Herds: 238
Breeding value: October 2020

Production Traits Rel: 98%	
Milk Kg	323
Fat Kg	28.4
Fat %	0.13%
Protein Kg	12.5
Protein %	0.02%

Functional Traits		
Somatic Cell Count		-0.11
Daughter Fertility %		0.72
Longevity (days)		161
Persistence %		2.4
Sire Calving %	Calving Stillbirth %	0.3
	Calving Difficulty	2.5
Daughter Calving %	Calving Stillbirth %	-0.5
	Calving Difficulty	0.5

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,653
Fat %	3.80%
Protein %	3.22%
Cappa Casein: AB	
Beta Casein: A2/A2	

## Type Traits → Rel: 82%



- Superb milk components especially in fat
- Superb longevity
- Very good persistency

# JESICA 7882

International No. ISRM000000007882

PD 20  
405



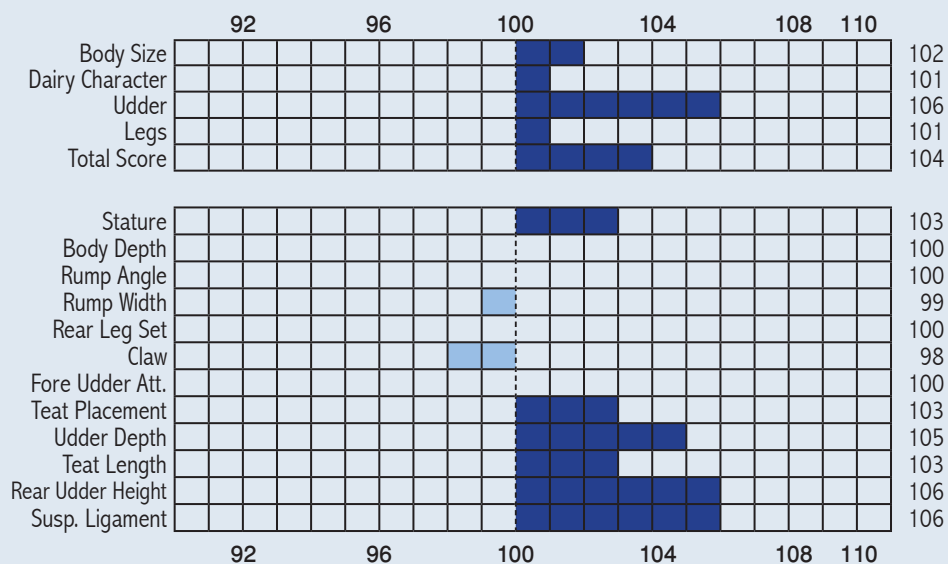
Sire : Jeyjey
Sire Dam : Sigar
Born : 24.04.2012
Owner : SION
Daughters: 578
Herds: 261
Breeding value: October 2020

Production Traits Rel: 98%	
Milk Kg	428
Fat Kg	2.9
Fat %	-0.10%
Protein Kg	10.0
Protein %	-0.03%

Functional Traits		
Somatic Cell Count		-0.16
Daughter Fertility %		2.84
Longevity (days)		99
Persistence %		0.0
Sire Calving %	Calving Stillbirth %	0.7
	Calving Difficulty	0.2
Daughter Calving %	Calving Stillbirth %	0.6
	Calving Difficulty	-0.3

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,473
Fat %	3.59%
Protein %	3.18%
Cappa Casein: BB	
Beta Casein: A2/A2	

## Type Traits → Rel: 83%



- Good daughter fertility
- Excellent udder
- Recommended for heifers

# MASHEN 9075

International No. ISRM000000009075

PD 20  
336



Sire : Miteran

Sire Dam : Shaon

Born : 21.03.2015

Owner : SION

Daughters: 239

Herds: 142

Breeding value: October 2020

Production Traits		Rel: 95%
Milk Kg	397	
Fat Kg	14.5	
Fat %	0.00%	
Protein Kg	11.5	
Protein %	-0.01%	

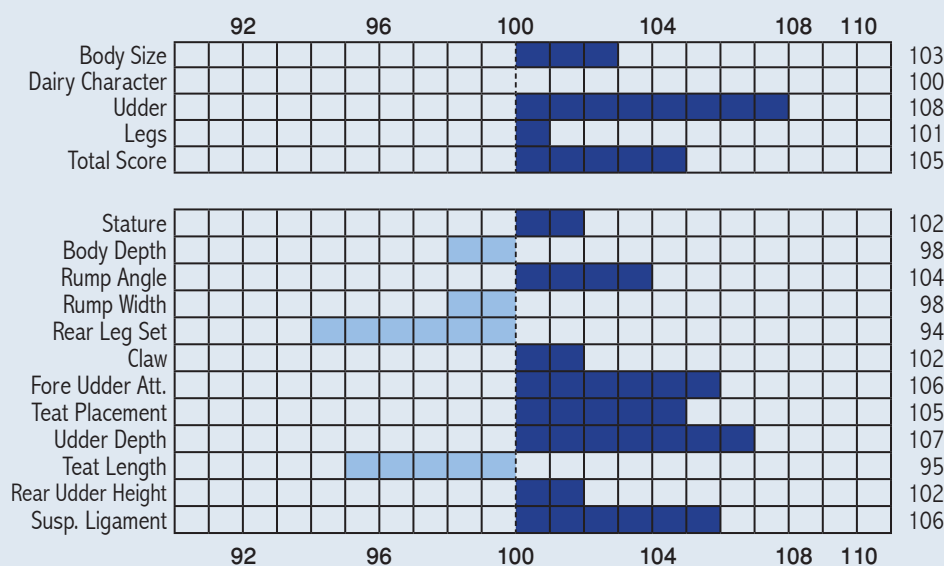
Functional Traits		
Somatic Cell Count		0.07
Daughter Fertility %		-1.71
Longevity (days)		52
Persistence %		-0.6
Sire Calving %	Calving Stillbirth %	-1.0
	Calving Difficulty	-0.6
Daughter Calving %	Calving Stillbirth %	-0.4
	Calving Difficulty	-0.1

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,466
Fat %	3.68%
Protein %	3.20%

Cappa Casein: AB

Beta Casein: A2/A2

## Type Traits → Rel: 77%



- High milk yield
- Excellent udder
- Recommended for heifers

# RAASHAN 9089

International No. ISRM000000009089

PD 20  
406



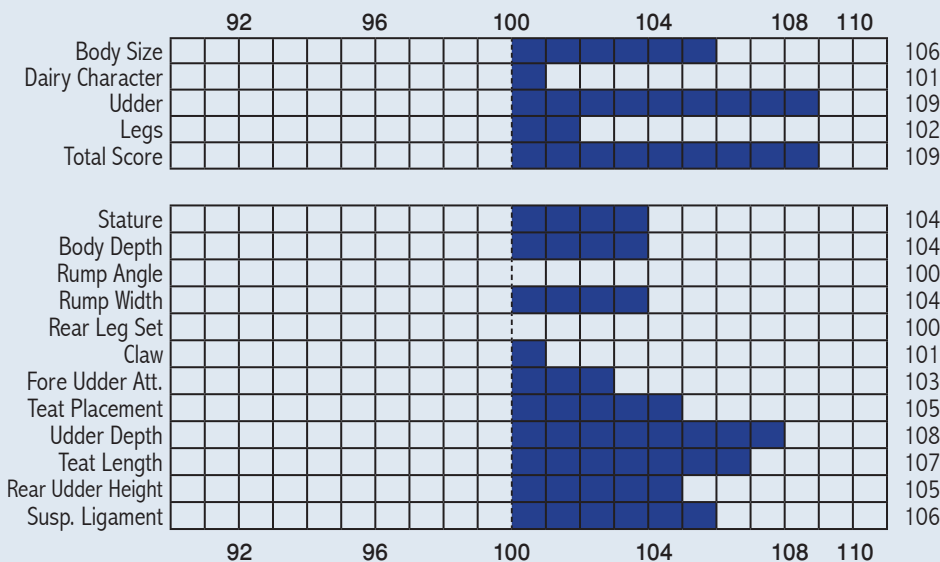
Sire : Raleb
Sire Dam : Shaon
Born : 31.01.2015
Owner : SION
Daughters: 312
Herds: 165
Breeding value: October 2020

Production Traits Rel: 96%	
Milk Kg	214
Fat Kg	23.8
Fat %	0.13%
Protein Kg	10.7
Protein %	0.03%

Functional Traits		
Somatic Cell Count		0.06
Daughter Fertility %		-2.78
Longevity (days)		22
Persistence %		3.1
Sire Calving %	Calving Stillbirth %	0.8
	Calving Difficulty	2.0
Daughter Calving %	Calving Stillbirth %	0.0
	Calving Difficulty	-0.5

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,174
Fat %	3.85%
Protein %	3.24%
Cappa Casein: AA	
Beta Casein: A2/A2	

## Type Traits → Rel: 77%



- Different blood line
- Very good persistency
- Excellent udder



# SION

ISRAELI COMPANY FOR ARTIFICIAL INSEMINATION & BREEDING LTD

	Pedigree											Production Traits			
	Sires		International No.	Israeli Index PD20	Bull		Born	Daughters	Herds	Rel%	Milk Kg	Fat		Protein	
	Name	No.			Sire	Sire of Dam						Kg	%	Kg	%
1	Bahad	9064	ISRM000000009064	628	Bofun	Hodel	02/01/2015	175	119	93	882	25.2	-0.05	23.6	-0.04
2	Brenslly	9032	ISRM000000009032	538	Borussia	Wins	21/11/2014	303	170	96	438	13.1	-0.02	17.7	0.03
3	Busaldo	9023	ISRM000000009023	586	Bofun	Sadash	29/11/2014	577	254	98	1014	22.7	-0.11	21.6	-0.08
4	Dawson	9127	ISRM000000009127	301	Dogli	Crockett-Acres Otto-Et	24/11/2015	111	78	89	47	10.9	0.08	-0.6	-0.02
5	Doots	7805	ISRM000000007805	238	Dogit	Tsalul	05/01/2011	321	185	97	129	11.7	0.06	2.7	-0.01
6	Garden	7851	ISRM000000007851	261	Jermin	Dogit	22/12/2011	1638	433	99	14	18.8	0.15	9.2	0.07
7	Google	9037	ISRM000000009037	703	Gaspar	Jerom	23/07/2014	534	238	98	323	28.4	0.13	12.5	0.02
8	Jesica	7882	ISRM000000007882	405	Jeyjey	Sigar	24/04/2012	578	261	98	428	2.9	-0.10	10.0	-0.03
9	Mashen	9075	ISRM000000009075	336	Miteran	Shaon	21/03/2015	239	142	95	397	14.5	0.0	11.5	-0.01
10	Raashan	9089	ISRM000000009089	406	Raleb	Shaon	31/01/2015	312	165	96	214	23.8	0.13	10.7	0.03
11	Rager	9087	ISRM000000009087	433	Raleb	Jermin	22/01/2015	150	106	92	587	-1.8	-0.18	15.3	-0.03
12	Rivas	9056	ISRM000000009056	266	Raleb	Aise	29/10/2014	224	124	95	180	-1.7	-0.07	11.7	0.05
13	Rosario	9120	ISRM000000009120	400	Raleb	Sted	10/10/2015	144	99	91	145	21.3	0.13	9.9	0.04
14	Shushan	7933	ISRM000000007933	654	Shandar	Sigar	04/01/2013	215	130	96	727	16.8	-0.08	21.0	-0.02
15	Stajer	9078	ISRM000000009078	570	Start	Jermin	23/04/2015	210	141	94	332	31.5	0.16	13.7	0.03

### Genomic

1	Agan	9266	ISRM000000009266	372	Asos	Jermin	23/04/2018	0	0	59	41	21.5	0.17	3.2	0.02
2	Aslog	9172	ISRM000000009172	561	Isar	Jeyjey	27/12/2016	0	0	60	133	16.2	0.09	16.8	0.10
3	Birou	9361	ISRM000000009361	722	Bjorn	Macro	03/10/2019	0	0	54	236	33.2	0.20	15.4	0.06
4	Buggy	9194	ISRM000000009194	649	Barolo	Jerom	22/02/2017	0	0	57	626	9.5	-0.11	20.0	0.00
5	Fagot	9279	ISRM000000009279	554	Patrick	Jermin	15/03/2018	0	0	60	622	20.5	-0.02	17.3	-0.02
6	Hister	9359	ISRM000000009359	718	Asmon	Patrick	15/09/2019	0	0	53	429	25.1	0.08	22.4	0.07
7	Sababa	9296	ISRM000000009296	639	Sagrir	Mefarek	06/05/2018	0	0	60	331	24.7	0.10	16.9	0.05
8	Scandal	9311	ISRM000000009311	617	De-Su 13050 Spectre	Hodel	17/10/2018	0	0	53	490	21.6	0.03	16.7	0.01
9	Sugita	9203	ISRM000000009203	412	Sitbon	Gamchi	24/01/2017	0	0	60	586	20.9	0.00	11.8	-0.06

Functional Traits				Production Adjusted 1st Lact			Type Traits	Conformation										
SCC	Daughter % Fertility	Longevity (Days)	Persistence %	Sire Calving		Daughter Calving		Milk Kg	Fat %	Protein %	Rel. %	Body Size	Feet & Legs	Udder Depth	Teat Placement	Udder	Cappa Casein	Beta Casein
				Stillbirth %	Calving Difficulty %	Stillborn %	Calving % Difficulty											
0.23	-2.13	66	-0.4	1.60	3.4	0.3	0.6	12,914	3.60	3.15	75	110	101	107	100	106		
0.24	3.31	51	-0.4	0.10	-1.8	-0.9	-2.7	12,420	3.61	3.22	76	95	101	104	107	107	AA	A2/A2
0.16	-4.43	126	1.2	-0.60	-0.7	-0.5	-0.4	13,182	3.53	3.11	82	94	98	100	104	104	AA	A2/A2
-0.29	2.24	58	1.0	-1.00	-1.3	-2.2	-3.4	11,980	3.79	3.19	68	94	100	106	102	104	AA	A1/A2
-0.16	.46	3	0.2	2.30	3.0	-0.8	0.8	12,142	3.71	3.19	79	96	99	99	104	103	AA	A1/A2
0.23	-.51	-14	-1.8	0.20	0.6	0.2	0.0	12,218	3.82	3.28	89	107	104	101	96	101	AB	A2/A2
-0.11	.72	161	2.4	0.30	2.5	-0.5	0.5	12,653	3.80	3.22	82	102	100	96	107	101	AB	A2/A2
-0.16	2.84	99	0.0	0.70	0.2	0.6	-0.3	12,473	3.59	3.18	83	102	101	105	103	106	BB	A2/A2
0.07	-1.71	52	-0.6	-1.00	-0.6	-0.4	-0.1	12,466	3.68	3.20	77	103	101	107	105	108	AB	A2/A2
0.06	-2.78	22	3.1	0.80	2.0	0.0	-0.5	12,174	3.85	3.24	77	106	102	108	105	109	AA	A2/A2
-0.34	-.42	100	-0.4	1.99	2.9	0.0	-0.7	12,723	3.46	3.15	70	106	101	102	102	104	AB	A1/A2
-0.24	-1.11	36	-1.1	0.80	-0.1	0.8	0.0	12,179	3.64	3.29	76	103	101	100	103	104	AB	A2/A2
-0.16	-2.13	20	0.6	1.94	2.7	1.3	3.9	12,190	3.85	3.24	73	99	99	101	96	101	AA	A1/A2
-0.19	-1.33	79	1.0	0.00	1.3	0.1	2.6	12,838	3.64	3.18	77	107	101	103	96	102	AB	A1/A2
-0.13	-1.93	10	-0.5	0.73	2.6	0.3	1.0	12,432	3.84	3.22	77	100	102	99	100	101	AB	A2/A2
-0.28	-0.11	11	1.2	1.53	2.1	0.3	0.8	N/A	N/A	N/A	N/A	95	102	101	98	101	AA	A2/A2
0.07	-0.01	127	1.6	-1.60	-3.8	1.1	-0.5	N/A	N/A	N/A	N/A	103	102	103	104	104	AA	A2/A2
-0.09	1.33	47	0.5	0.50	1.2	1.0	0.7	N/A	N/A	N/A	N/A	100	100	99	97	98	BB	A2/A2
-0.17	1.05	146	-0.6	0.70	1.0	-0.0	0.1	N/A	N/A	N/A	N/A	101	103	109	104	111	BB	A1/A2
-0.04	-1.11	43	0.5	1.19	3.3	0.5	1.5	N/A	N/A	N/A	N/A	102	101	99	102	103	AB	A2/A2
-0.05	-0.55	75	-0.9	0.77	1.6	1.8	1.0	N/A	N/A	N/A	N/A	100	101	101	99	100	AB	A2/A2
-0.12	0.23	62	-0.6	0.80	2.0	1.3	2.3	N/A	N/A	N/A	N/A	101	100	102	101	102	BB	A2/A2
-0.22	-0.42	43	-0.5	-0.07	-0.3	0.6	0.3	N/A	N/A	N/A	N/A	99	101	103	104	105	AE	A1/A2
-0.01	-2.10	36	0.3	-0.50	-0.9	1.0	-0.7	N/A	N/A	N/A	N/A	101	98	100	102	99	AA	

# RAGER 9087

International No. ISRM000000009087

PD 20  
433



Sire : Raleb

Sire Dam : Jermin

Born : 22.01.2015

Owner : SION

Daughters: 150

Herds: 106

Breeding value: October 2020

## Production Traits Rel: 92%

Milk Kg	587
Fat Kg	-1.8
Fat %	-0.18%
Protein Kg	15.3
Protein %	-0.03%

## Functional Traits

Somatic Cell Count		-0.34
Daughter Fertility %		-0.42
Longevity (days)		100
Persistence %		-0.4
Sire Calving %	Calving Stillbirth %	1.9
	Calving Difficulty	2.9
Daughter Calving %	Calving Stillbirth %	0.0
	Calving Difficulty	-0.7

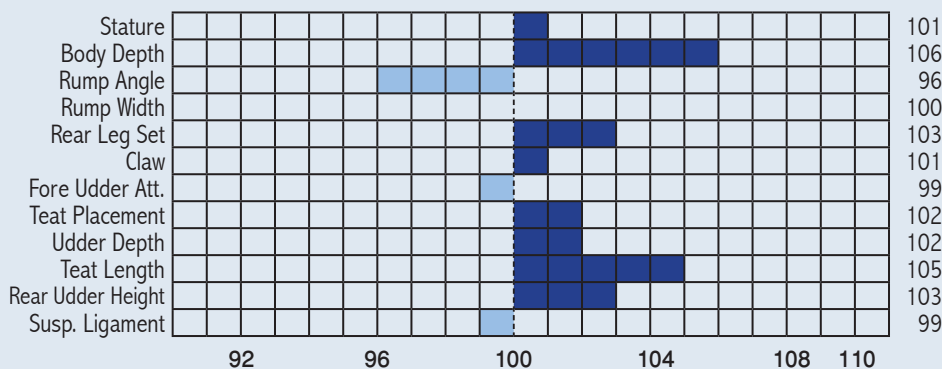
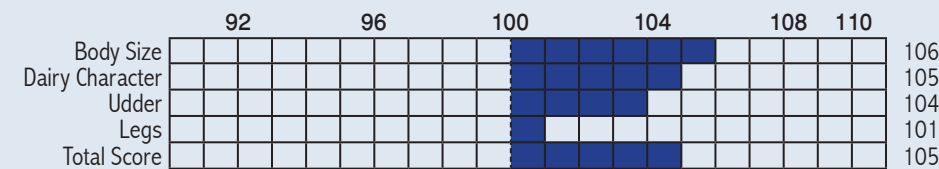
## Production summary 1<sup>st</sup> lactation adjusted for 305 days

Milk Kg	12,723
Fat %	3.46%
Protein %	3.15%

Cappa Casein: AB

Beta Casein: A1/A2

## Type Traits → Rel: 70%



- High milk yield
- Low somatic cells
- Superb longevity



# RIVAS 9056

International No. ISRM000000009056

PD 20  
266

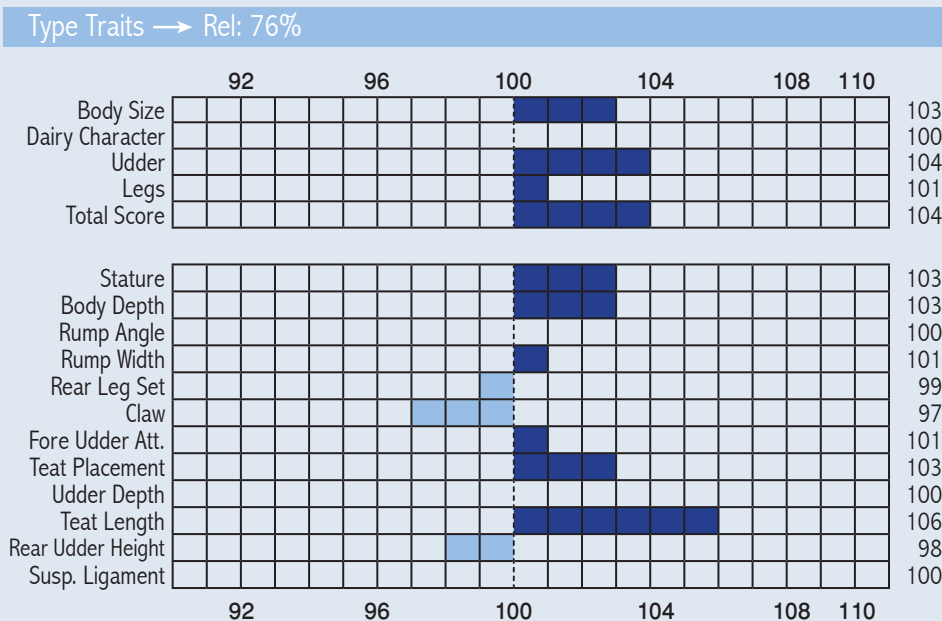


Sire : Raleb
Sire Dam : Aise
Born : 29.10.2014
Owner : SION
Daughters: 224
Herds: 124
Breeding value: October 2020

Production Traits Rel: 95%	
Milk Kg	180
Fat Kg	-1.7
Fat %	-0.07%
Protein Kg	11.7
Protein %	0.05%

Functional Traits		
Somatic Cell Count		-0.24
Daughter Fertility %		-1.11
Longevity (days)		36
Persistence %		-1.1
Sire Calving %	Calving Stillbirth %	0.8
	Calving Difficulty	-0.1
Daughter Calving %	Calving Stillbirth %	0.8
	Calving Difficulty	0.0

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,179
Fat %	3.64%
Protein %	3.29%
Cappa Casein: AB	
Beta Casein: A2/A2	



- Different blood line
- Low somatic cells
- Recommended for heifers

# ROSARIO 9120

International No. ISRM000000009120

PD 20  
400



Sire : Raleb

Sire Dam : Sted

Born : 10.10.2015

Owner : SION

Daughters: 144

Herds: 99

Breeding value: October 2020

## Production Traits Rel: 91%

Milk Kg	145
Fat Kg	21.3
Fat %	0.13%
Protein Kg	9.9
Protein %	0.04%

## Functional Traits

Somatic Cell Count		-0.16
Daughter Fertility %		-2.13
Longevity (days)		20
Persistence %		0.6
Sire Calving %	Calving Stillbirth %	1.94
	Calving Difficulty	2.7
Daughter Calving %	Calving Stillbirth %	1.3
	Calving Difficulty	3.9

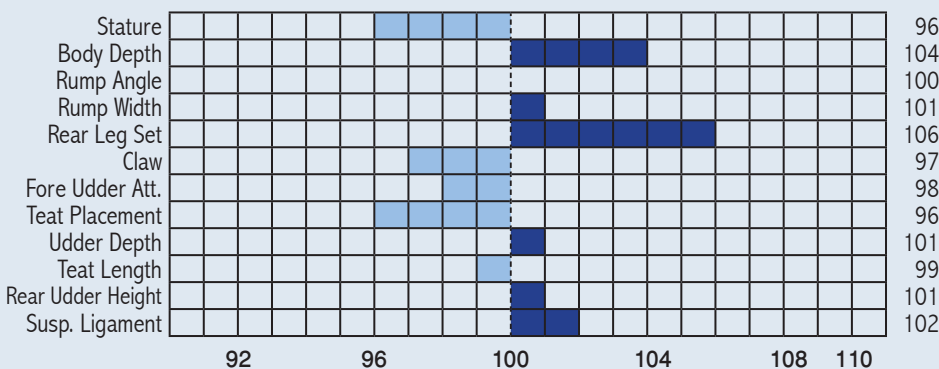
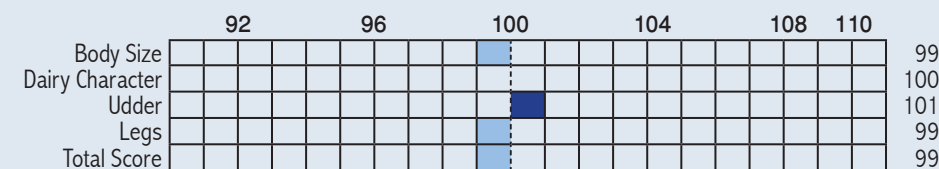
## Production summary 1<sup>st</sup> lactation adjusted for 305 days

Milk Kg	12,190
Fat %	3.85%
Protein %	3.24%

Cappa Casein: AA

Beta Casein: A1/A2

## Type Traits → Rel: 73%



- Different blood line
- Superb milk components especially in fat
- Small body size

# SHUSHAN 7933

International No. ISRM000000007933

PD 20  
**654**



Sire : Shandar

Sire Dam : Sigar

Born : 04.01.2013

Owner : SION

Daughters: 215

Herds: 130

Breeding value: October 2020

Production Traits Rel: 96%	
Milk Kg	727
Fat Kg	16.8
Fat %	-0.08%
Protein Kg	21.0
Protein %	-0.02%

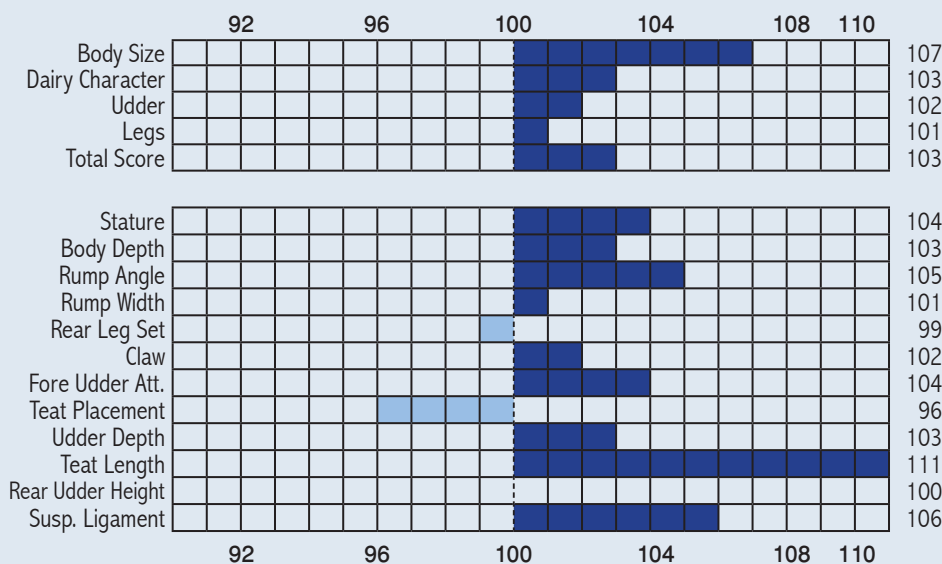
Functional Traits		
Somatic Cell Count		-0.19
Daughter Fertility %		-1.33
Longevity (days)		79
Persistence %		1.0
Sire Calving %	Calving Stillbirth %	0.0
	Calving Difficulty	1.3
Daughter Calving %	Calving Stillbirth %	0.1
	Calving Difficulty	2.6

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,838
Fat %	3.64%
Protein %	3.18%

Cappa Casein: AB

Beta Casein: A1/A2

## Type Traits → Rel: 77%



- Different blood line
- High milk yield
- Low somatic cells

# STAJER 9078

International No. ISRM000000009078

PD 20  
570



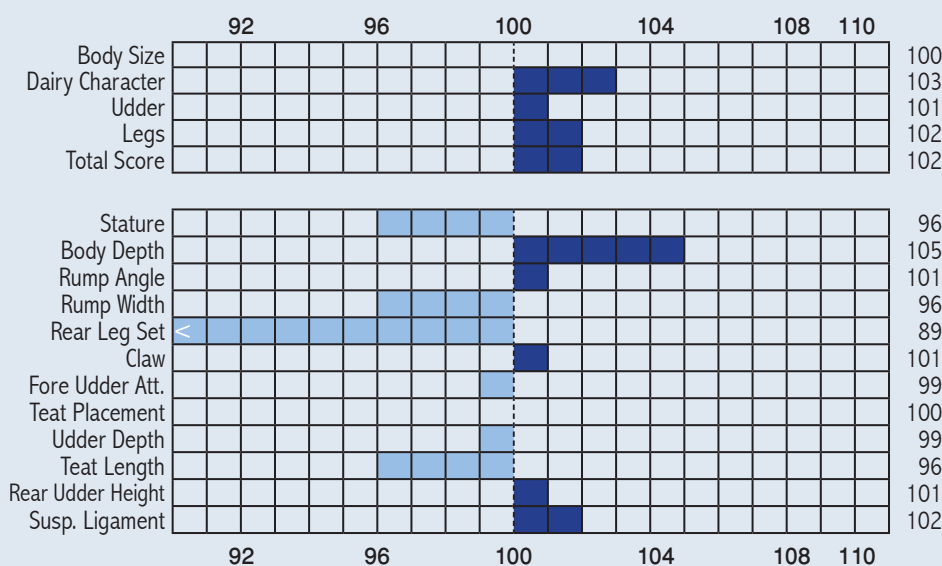
Sire : Start
Sire Dam : Jermin
Born : 23.04.2015
Owner : SION
Daughters: 210
Herds: 141
Breeding value: October 2020

Production Traits Rel: 94%	
Milk Kg	332
Fat Kg	31.5
Fat %	0.16%
Protein Kg	13.7
Protein %	0.03%

Functional Traits		
Somatic Cell Count		-0.13
Daughter Fertility %		-1.93
Longevity (days)		10
Persistence %		-0.5
Sire Calving %	Calving Stillbirth %	0.73
	Calving Difficulty	2.6
Daughter Calving %	Calving Stillbirth %	0.3
	Calving Difficulty	1.0

Production summary 1 <sup>st</sup> lactation adjusted for 305 days	
Milk Kg	12,432
Fat %	3.84%
Protein %	3.22%
Cappa Casein: AB	
Beta Casein: A2/A2	

## Type Traits → Rel: 77%



- Superb milk components especially in fat
- Low somatic cells
- Very good legs

# AGAN 9266

International No. ISRM000000009266

PD 20  
372



Sire : Asos

Sire Dam : Jermin

Born : 23.04.2018

Owner : SION

Daughters: 0

Herds: 0

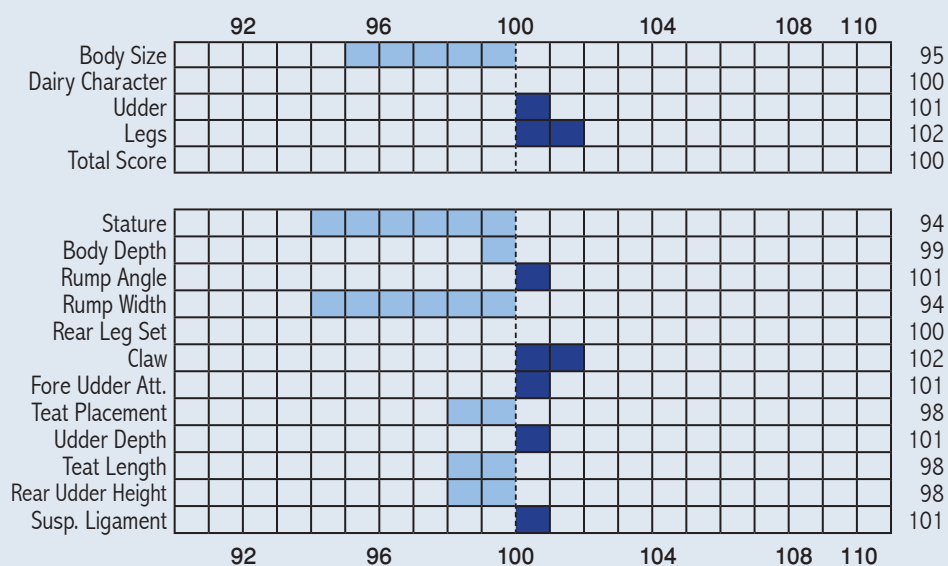
Breeding value: October 2020

Production Traits		Rel: 59%
Milk Kg	41	
Fat Kg	21.5	
Fat %	0.17%	
Protein Kg	3.2	
Protein %	0.02%	

Functional Traits		
Somatic Cell Count		-0.28
Daughter Fertility %		-0.11
Longevity (days)		11
Persistence %		1.2
Sire Calving %	Calving Stillbirth %	1.53
	Calving Difficulty	2.1
Daughter Calving %	Calving Stillbirth %	0.3
	Calving Difficulty	0.8

Cappa Casein: AA
Beta Casein: A2/A2

## Type Traits → Rel: Predicted %



- Superb milk components especially in fat
- Low somatic cells
- Very good persistency

# ASLOG 9172

International No. ISRM000000009172

PD 20  
561

GENOMIC



Sire : Isar

Sire Dam : Jeyjey

Born : 27.12.2016

Owner : SION

Daughters: o

Herds: o

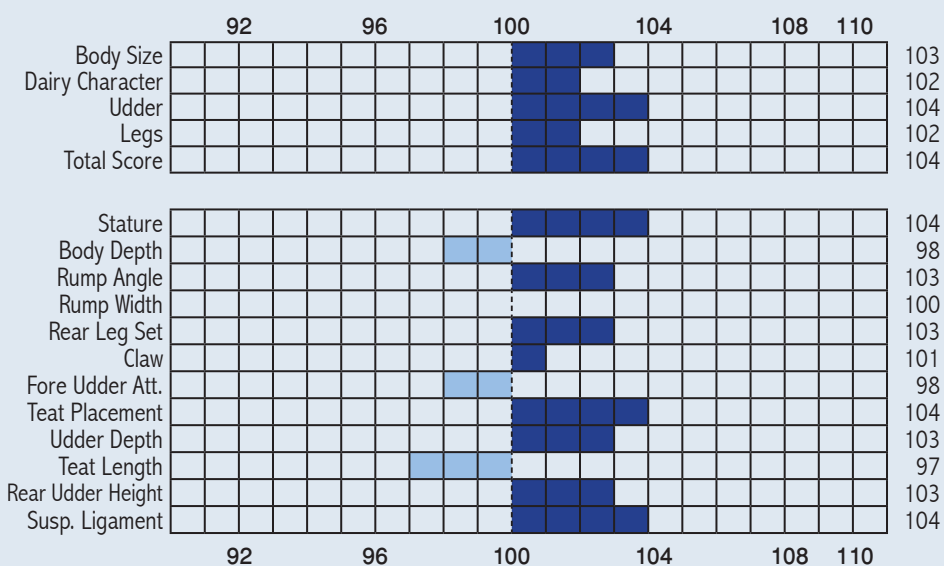
Breeding value: October 2020

Production Traits Rel: 60%	
Milk Kg	133
Fat Kg	16.2
Fat %	0.09%
Protein Kg	16.8
Protein %	0.10%

Functional Traits		
Somatic Cell Count		0.07
Daughter Fertility %		-0.01
Longevity (days)		127
Persistence %		1.6
Sire Calving %	Calving Stillbirth %	-1.60
	Calving Difficulty	-3.8
Daughter Calving %	Calving Stillbirth %	1.1
	Calving Difficulty	-0.5

Cappa Casein: AA
Beta Casein: A2/A2

## Type Traits → Rel: Predicted %

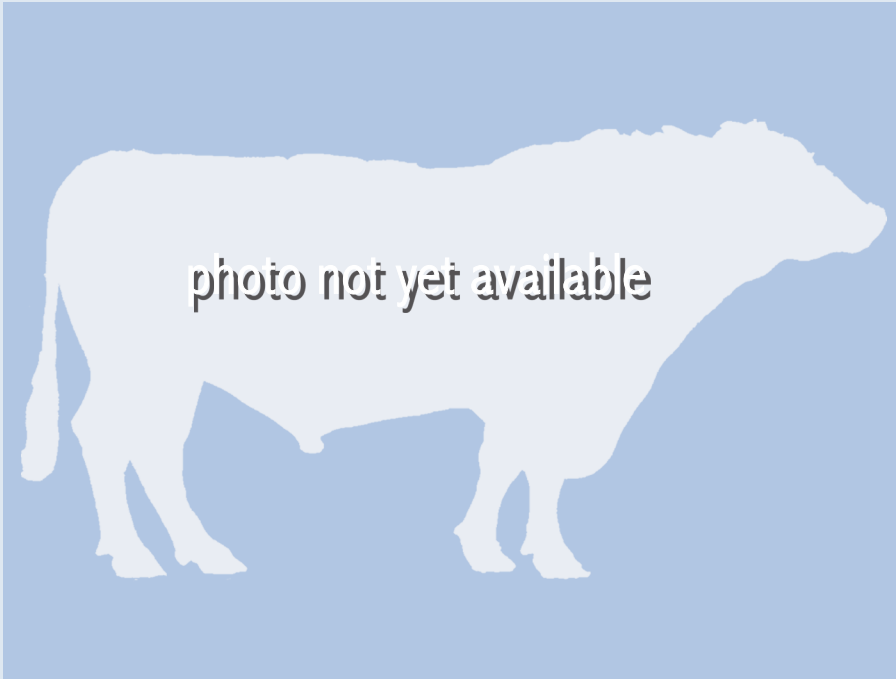
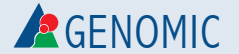


- Balanced milk components
- Superb longevity
- Very good persistency

# BIROU 9361

International No. ISRM000000009361

PD 20  
722



Sire : Bjorn

Sire Dam : Macro

Born : 03.10.2019

Owner : SION

Daughters: 0

Herds: 0

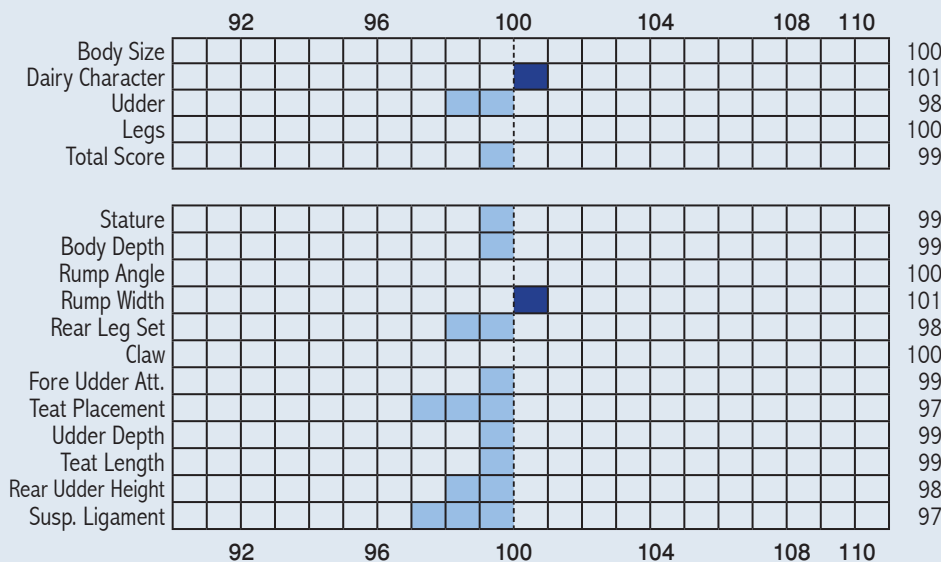
Breeding value: October 2020

Production Traits Rel: 54%	
Milk Kg	236
Fat Kg	33.2
Fat %	0.20%
Protein Kg	15.4
Protein %	0.06%

Functional Traits		
Somatic Cell Count		-0.09
Daughter Fertility %		1.33
Longevity (days)		47
Persistence %		0.5
Sire Calving %	Calving Stillbirth %	0.50
	Calving Difficulty	1.2
Daughter Calving %	Calving Stillbirth %	1.0
	Calving Difficulty	0.7

Cappa Casein: BB  
Beta Casein: A2/A2

## Type Traits → Rel: Predicted %



- Different blood line
- Positive milk components
- Good daughter fertility

# BUGGY 9194

International No. ISRM000000009194

PD 20  
649

GENOMIC



Sire : Barolo

Sire Dam : Jerom

Born : 22.02.2017

Owner : SION

Daughters: o

Herds: o

Breeding value: October 2020

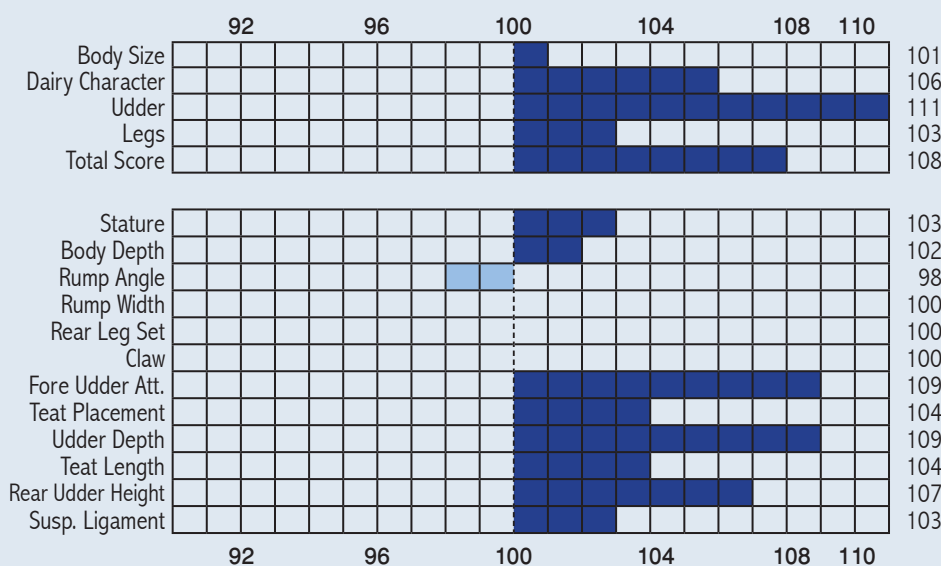
Production Traits	Rel: 57%
Milk Kg	626
Fat Kg	9.5
Fat %	-0.11%
Protein Kg	20.0
Protein %	0.00%

Functional Traits		
Somatic Cell Count		-0.17
Daughter Fertility %		1.05
Longevity (days)		146
Persistence %		-0.6
Sire Calving %	Calving Stillbirth %	0.70
	Calving Difficulty	1.0
Daughter Calving %	Calving Stillbirth %	0.0
	Calving Difficulty	0.1

Cappa Casein: BB

Beta Casein: A1/A2

## Type Traits → Rel: Predicted %



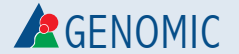
- High milk yield
- Superb longevity
- Recommended for heifers



# FAGOT 9279

International No. ISRM000000009279

PD 20  
554



Sire : Patrick

Sire Dam : Jermin

Born : 15.03.2018

Owner : SION

Daughters: o

Herds: o

Breeding value: October 2020

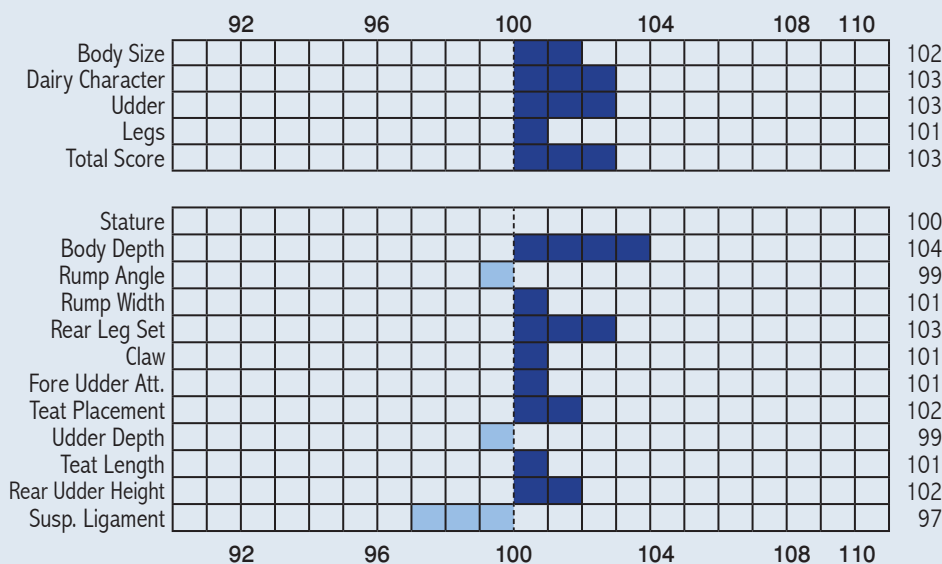
Production Traits		Rel: 60%
Milk Kg	622	
Fat Kg	20.5	
Fat %	-0.02%	
Protein Kg	17.3	
Protein %	-0.02%	

Functional Traits		
Somatic Cell Count		-0.04
Daughter Fertility %		-1.11
Longevity (days)		43
Persistence %		0.5
Sire Calving %	Calving Stillbirth %	1.19
	Calving Difficulty	3.3
Daughter Calving %	Calving Stillbirth %	0.5
	Calving Difficulty	1.5

Cappa Casein: AB

Beta Casein: A2/A2

## Type Traits → Rel: Predicted %

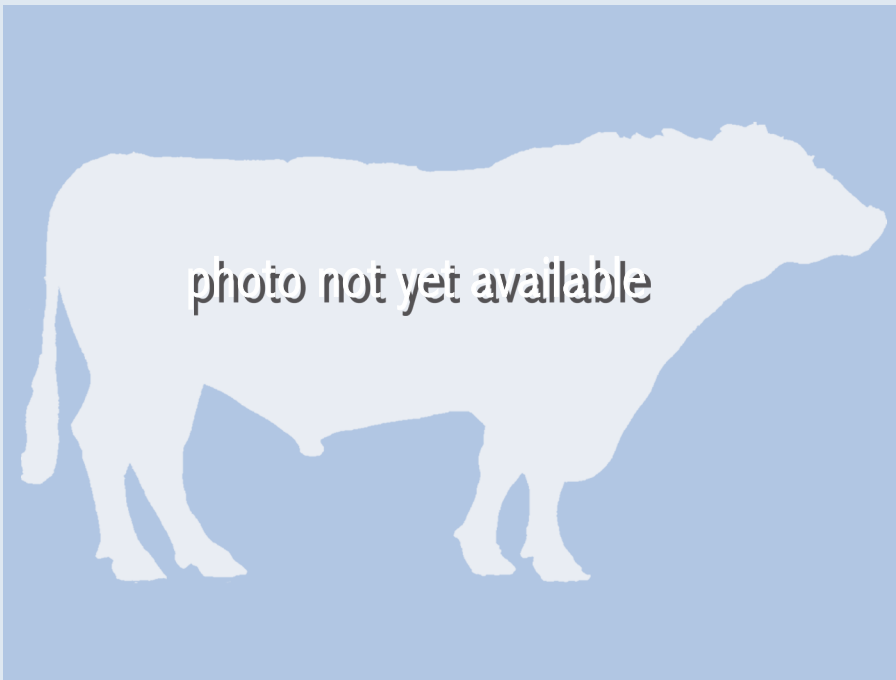


- High milk yield
- Low somatic cells
- Very good udder

# HISTER 9359

International No. ISRM000000009359

PD 20  
718



Sire : Asmon

Sire Dam : Patrick

Born : 15.09.2019

Owner : SION

Daughters: 0

Herds: 0

Breeding value: October 2020

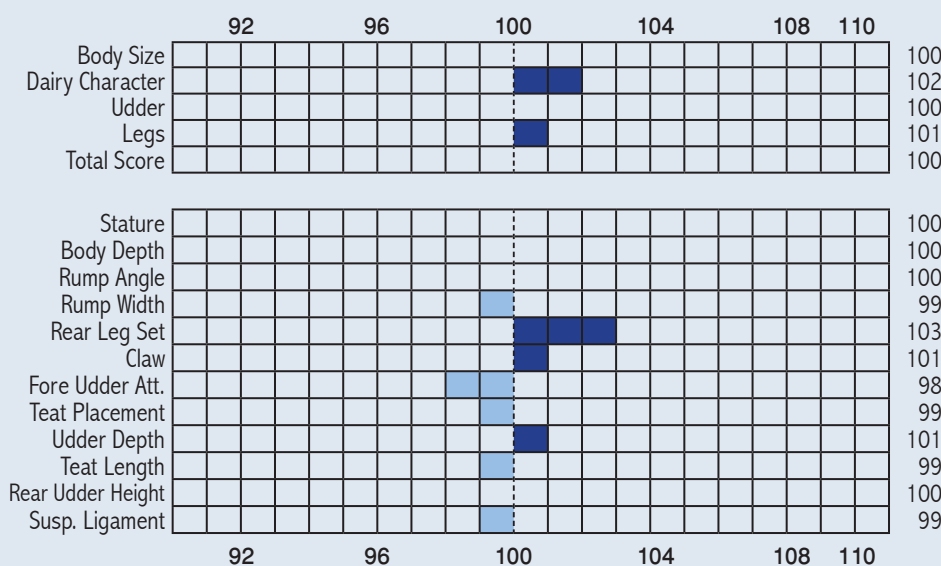
Production Traits	Rel: 53%
Milk Kg	429
Fat Kg	25.1
Fat %	0.08%
Protein Kg	22.4
Protein %	0.07%

Functional Traits		
Somatic Cell Count		-0.05
Daughter Fertility %		-0.55
Longevity (days)		75
Persistence %		-0.9
Sire Calving %	Calving Stillbirth %	0.77
	Calving Difficulty	1.6
Daughter Calving %	Calving Stillbirth %	1.8
	Calving Difficulty	1.0

Cappa Casein: AB

Beta Casein: A2/A2

## Type Traits → Rel: Predicted %



- Different blood line
- Balanced milk components
- High longevity

# SABABA 9296

International No. ISRM000000009296

PD 20  
639

GENOMIC



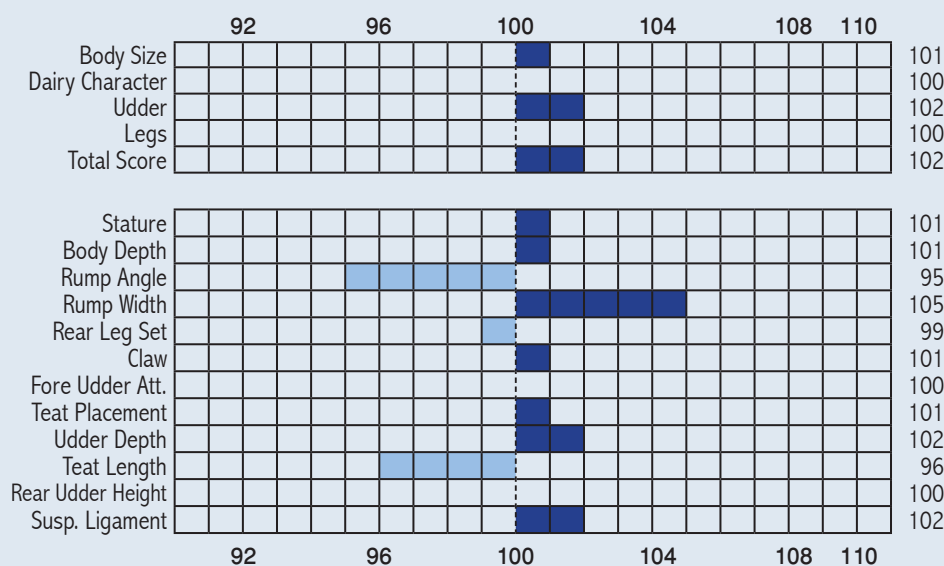
Sire : Sagrir
Sire Dam : Mefarek
Born : 06.05.2018
Owner : SION
Daughters: o
Herds: o
Breeding value: October 2020

Production Traits		Rel: 60%
Milk Kg	331	
Fat Kg	24.7	
Fat %	0.10%	
Protein Kg	16.9	
Protein %	0.05%	

Functional Traits		
Somatic Cell Count		-0.12
Daughter Fertility %		0.23
Longevity (days)		62
Persistence %		-0.6
Sire Calving %	Calving Stillbirth %	0.80
	Calving Difficulty	2.0
Daughter Calving %	Calving Stillbirth %	1.3
	Calving Difficulty	2.3

Cappa Casein: BB
Beta Casein: A2/A2

## Type Traits → Rel: Predicted %



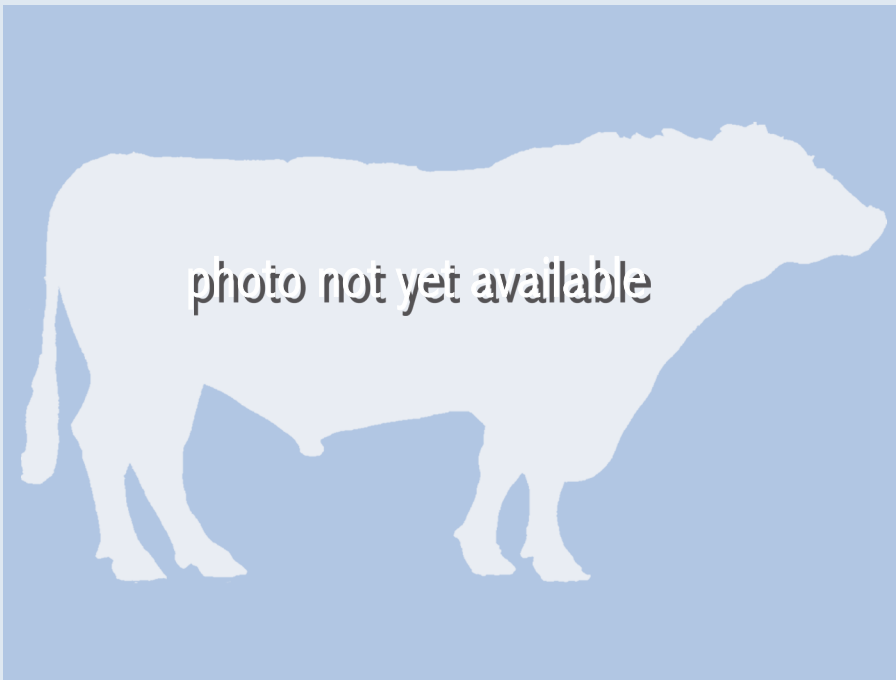
- Different blood line
- Balanced milk components
- Good longevity

# SCANDAL 9311

International No. ISRM000000009311

PD 20  
617

GENOMIC



Sire : De-Su 13050 Spectre

Sire Dam : Hodel

Born : 17.10.2018

Owner : SION

Daughters: 0

Herds: 0

Breeding value: October 2020

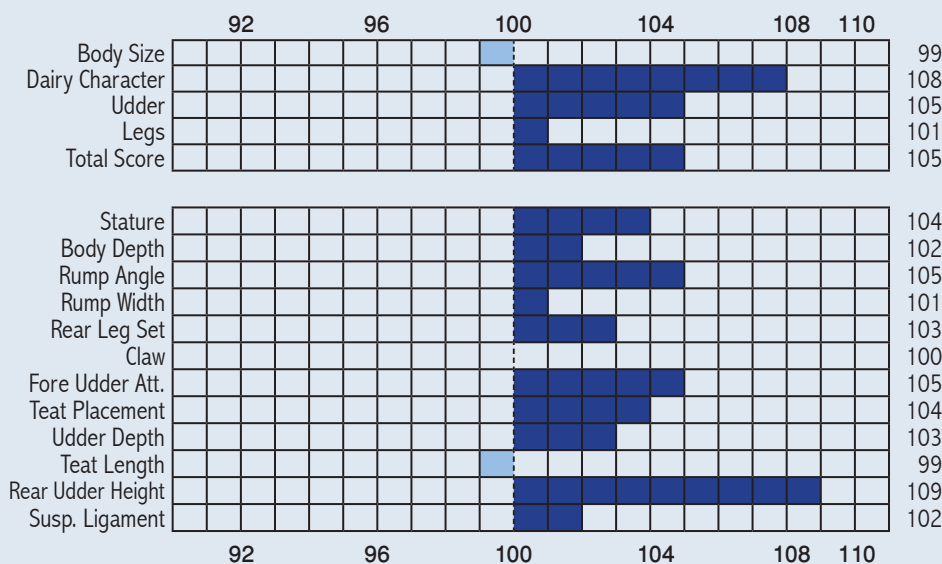
Production Traits	Rel: 53%
Milk Kg	490
Fat Kg	21.6
Fat %	0.03%
Protein Kg	16.7
Protein %	0.01%

Functional Traits		
Somatic Cell Count	-0.22	
Daughter Fertility %	-0.42	
Longevity (days)	43	
Persistence %	-0.5	
Sire Calving %	Calving Stillbirth %	-0.07
	Calving Difficulty	-0.3
Daughter Calving %	Calving Stillbirth %	0.6
	Calving Difficulty	0.3

Cappa Casein: AE

Beta Casein: A1/A2

## Type Traits → Rel: Predicted %

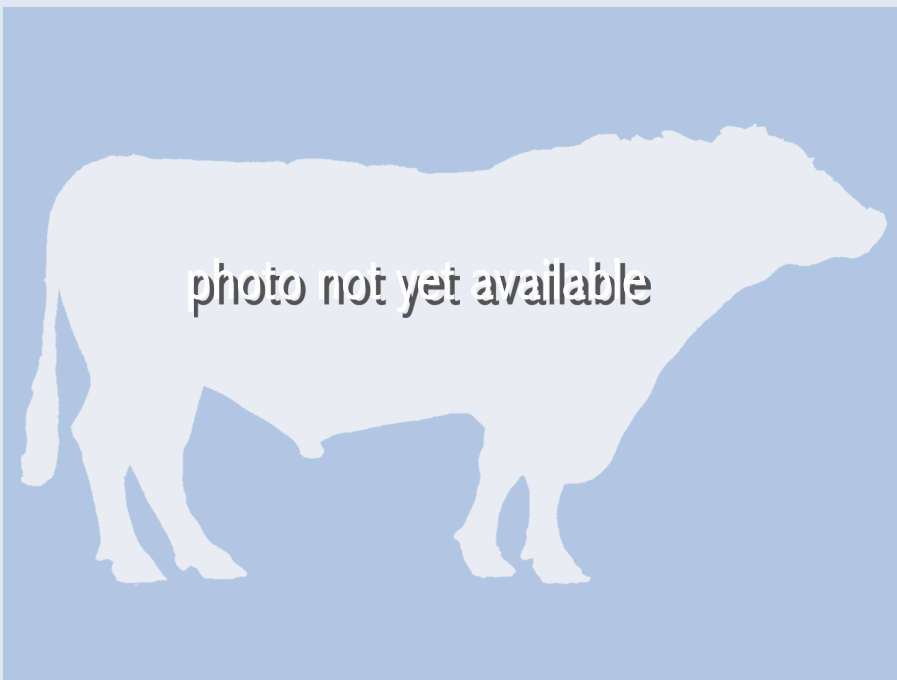


- Low somatic cells
- Very good udder
- Recommended for heifers

# SUGITA 9203

International No. ISRM000000009203

PD 20  
412



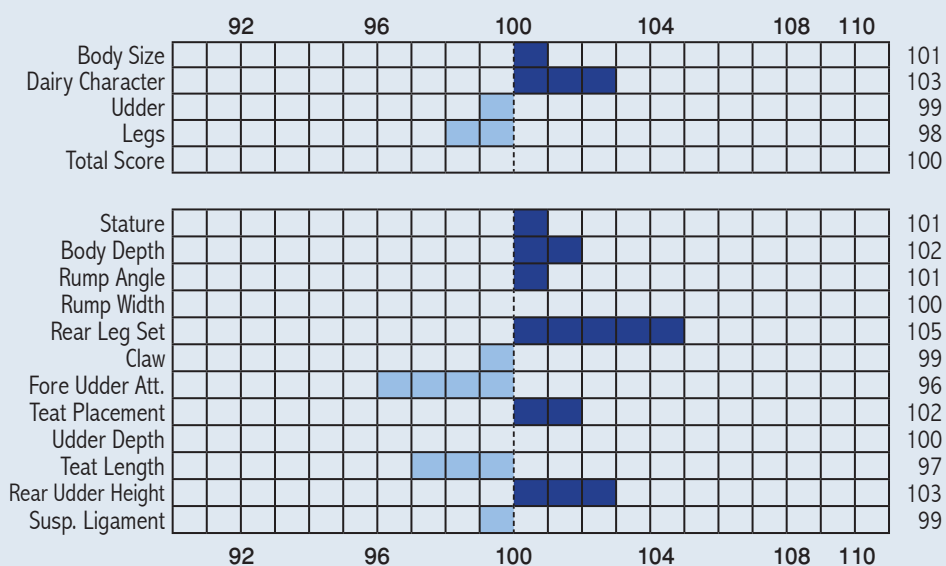
Sire : Sitbon
Sire Dam : Gamchi
Born : 24.01.2017
Owner : SION
Daughters: 0
Herds: 0
Breeding value: October 2020

Production Traits	Rel: 60%
Milk Kg	586
Fat Kg	20.9
Fat %	0.00%
Protein Kg	11.8
Protein %	-0.06%

Functional Traits		
Somatic Cell Count		-0.01
Daughter Fertility %		-2.10
Longevity (days)		36
Persistence %		0.3
Sire Calving %	Calving Stillbirth %	-0.50
	Calving Difficulty	-0.9
Daughter Calving %	Calving Stillbirth %	1.0
	Calving Difficulty	-0.7

Cappa Casein: AA
Beta Casein:

## Type Traits → Rel: Predicted %



- Different blood line
- High milk yield
- Recommended for heifers

## Israeli Index Terms explained

The base year is 2015 = the data of each trait, in this catalogue, refers to the trait of the average cow in 2015.

<b>Data</b>	ICBA February, 2021 genetic evaluation calculated. Fixed base = mean of daughters born in the year 2015 set to zero.	<b>Persistency</b>	Measured as the ratio of milk yield 220-240 days post partum to peak yield (40 to 60 days post partum, depending on parity). Higher percentage is favorable.
<b>PD20</b>	Israeli breeding index. The PD20 is the criterion for ranking bulls and cows in Israel.	<b>Calving difficulty</b>	Expressed as percentage of incidence of dystocia. Negative values are favorable.
<b>The PD20 calculation</b>	$(8.5 * \text{Kg Fat}) + (21.2 * \text{Kg Protein}) + (0.6 * \text{Durability}) + (26 * \text{Fertility}) + (-300 * \text{SCC}) + (10 * \text{Persistence}) + (-9 * \text{Bull daughter calving index})$ .	<b>Bull daughters calving index</b>	The sum of percent dystocia and still births. Less than 1.6% is appropriate for heifers. Negative values are favorable.
<b>Reliability (REL)</b>	An indication of the degree of accuracy of the proof. A higher REL indicates better reliability of the proof.	<b>Conformation</b>	Four quality traits and 12 linear traits are scored. The mean is 100 and standard deviation is 6 for all traits. Positive values are favorable.
<b>Somatic Cell Count (SCC)</b>	Is highly correlated with mastitis. Minus indicates higher resistance to mastitis and is favorable.	<b>TV</b>	Tested as free of CVM (Cervical Vertebral Malformation).
<b>Fertility</b>	Scored as the inverse of the number of inseminations to conception, recorded in parities 1-5. Each cow that is not reinseminated is vet checked for pregnancy. Plus is favorable.		
<b>Durability</b>	Measured in days from first calving to culling. Durability is predicted for cows that are still milking. The mean is 1,155 days. Plus is favorable.		

Guiyora Pavin  
 CEO SION Israel  
 Guiyora@Sion-Israel.com  
 Mobile: +972-(0)52-312-4855

Dr. Yoel Zeron  
 Professional Director & Export/Import Manager  
 Director of Science and Production  
 Yoel@Sion-Israel.com  
 Mobile: +972-(0)54-670-4490

Producer: Rachel Wittert-Ashur  
 Graphic Designer: Adva Hochman Bokobza  
 Photography: Gali Shorer  
 Data: Israel Cattle Breeders Association (ICBA)  
 Production Assistants: Eli Abutbul, Ya'akov Salach,  
 Amnon Rozenberg, Avi Hasson and Yarin David







**SION AI & BREEDING COMPANY**

Gedera Post Office

POBox 98373

Gedera 7057102

ISRAEL

Tel : +972-(0)8-8592812/3

Fax : +972-(0)8-8593381

E-mail : [rachel@sion-israel.com](mailto:rachel@sion-israel.com)

[www.sion-israel.com](http://www.sion-israel.com)