

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2016

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
G	JX FARIA BROTHERS BRAD STEVENS (5)	840003126052303	99K	100	C	1JE957	73	1279	0.06	72	0.08	61	813	766	653	660	2.74		
G	JX SUNSET CANYON GOT MAID (5)-ET	USA 119407594	99K	100	F	551JE1650	74	1366	0.08	79	0.06	61	806	763	660	664	2.72		
G	JX FARIA BROTHERS MESSI (5)-ET	840003124526297	80K	100	C	200JE913	74	1476	0.12	95	0.08	67	779	737	635	604	2.90		
G	JX FARIA BROTHERS CALVIN HARRIS (4)	840003124526356	99K	100	F	14JE704	74	1402	0.00	65	0.04	58	732	698	617	643	2.76		
G	JX SEXING VALIDATE 60883 (5)-ET	840003010364630	13K	100	F	551JE1643	74	1824	-0.03	82	0.01	68	709	680	608	557	2.75		
G	CO-OP AD WORLD CUP (5)-ET	840003126073776	99K	100	F	1JE935	73	736	0.13	61	0.10	45	761	716	609	679	2.80		
G	JX AARDEMA HARRIS NICO (5)	840003012658813	99K	100	F	1JE958	73	1526	-0.08	56	0.05	64	653	618	532	533	2.84		
G	JX AHLEM FRISCO (5)	USA 074067720	99K	100	C	29JE4033	75	1205	0.06	69	0.10	61	729	682	569	583	2.88		
G	JX FOREST GLEN HARRIS HALT (5)	USA 067578752	99K	100	F	29JE3989	74	1343	0.04	73	0.05	60	705	665	569	571	2.76		
G	JX HEARTLAND HARRIS MAGLIO (5)	USA 119531794	99K	100	F	1JE963	74	1340	0.04	69	0.06	60	695	654	556	592	2.77		
G	JX LEGENDAIRY MONEYBAG (5)	USA 119392427	99K	100	F	200JE1065	74	1782	-0.11	62	0.02	68	669	645	585	543	3.00		
G	JX KASH-IN SILAS (5)-P-ET	840003132715648	99K	100	F	7JE1557	75	1399	0.05	77	0.07	64	664	623	525	534	2.88		
G	JX AHLEM HARRIS RAZARRI (5)	USA 067823001	99K	100	F	11JE1308	75	1883	-0.08	73	0.02	71	611	586	522	456	2.93		
G	JX HILMAR HARRIS GODFATHER (5)-ET	USA 119445095	99K	100	F	7JE1536	75	1764	-0.09	65	-0.01	61	655	638	596	537	2.90		
G	JX NORMANDELL HARRIS WESLEY (5)	USA 067731180	99K	100	F	29JE4019	74	1689	-0.08	62	0.00	60	648	626	573	544	2.80		
G	JX AHLEM HARRIS BALTAZAR (5)-ET	USA 074067612	99K	100	F	29JE4008	75	1261	-0.03	54	0.03	52	673	646	581	591	2.87		
G	JX FOREST GLEN HARRIS RHUMBA (5)	USA 067609797	99K	100	F	7JE1533	75	1518	-0.05	62	0.01	55	676	652	594	546	2.73		
G	JX GENERATIONS TRADITION (5)-P	USA 067289342	99K	100	F	29JE4045	75	1620	-0.07	64	0.02	61	632	607	545	492	2.85		
G	JX OOMSDALE GEMMA HARRIS GANYA (5)-	USA 067235865	99K	100	F	29JE4026	74	950	0.13	71	0.09	51	689	646	544	554	2.90		
G	JX SUN VALLEY JOLT (5)	USA 119282711	99K	100	F	200JE1058	74	1370	0.07	80	0.08	64	636	596	497	496	2.97		
G	JX BW ALTAHARMONY (5)	USA 119501373	99K	100	F	11JE1313	75	1026	0.14	75	0.08	54	681	635	525	535	2.79		
G	JX FARIA BROTHERS TUPAC (4)	840003124526365	80K	100	F	1JE919	74	1850	-0.07	73	-0.01	63	623	609	572	510	2.93		
G	JX BW ALTAHARVEST (5)-ET	840003131148666	99K	100	F	11JE1311	75	1448	-0.03	63	0.04	60	634	600	519	466	2.80		
G	JX WAUNAKEE HARRIS PISTOL (5)	USA 073596577	99K	100	C	29JE4025	74	1452	0.02	75	0.03	58	660	633	567	520	2.89		
G	JX SUNSET CANYON DARIAN (5)	USA 119327807	99K	100	F	29JE4035	75	1236	0.07	73	0.05	54	661	625	540	543	2.77		
G	JX FARIA BROTHERS COURTOIS (5)	840003126052036	99K	100	F	200JE1047	74	1580	-0.02	71	0.04	64	615	582	502	465	2.84		
G	JX SUNSET CANYON SPLASHED (5)	USA 119306361	99K	100	C	200JE1059	74	1620	-0.01	76	0.00	58	646	626	576	503	2.86		
G	JX SPRING CREEK HARRIS STUB (5)-ET	USA 119413533	50K	100	F	14JE739	74	828	0.20	78	0.09	49	684	640	534	582	2.88		
G	AHLEM AXIS BANCROFT-ET	USA 073409475	99K	100	F	29JE3991	76	1326	-0.08	45	0.02	50	653	636	594	587	2.98		
G	JX CAL-MART HARRIS SILAS (5)	USA 067294362	13K	100	F	97JE145	73	867	0.15	70	0.11	53	669	620	504	537	2.92		
G	JX KASH-IN STERLING (5)-P-ET	840003126536288	99K	100	F	7JE1508	76	1479	0.07	83	0.02	58	606	581	520	441	2.91		
G	JX RIVER VALLEY CHECKMATE (5)-ET	840003126479255	99K	100	C	200JE10008	76	1277	0.03	66	0.03	51	613	587	526	520	2.87		
G	HILLVIEW LISTOWEL-P	USA 067333440	99K	100	F	200JE1045	75	1139	-0.01	51	0.02	45	642	618	560	576	2.82		
G	CAL-MART BARRICADE	USA 067384455	99K	100	F	29JE4044	72	530	0.22	70	0.10	40	664	618	506	598	2.82		
G	AHLEM CHILI CHARMER	USA 074067595	99K	100	F	29JE4009	75	723	0.13	60	0.09	43	677	635	535	575	2.82		
G	PRO-HART PRINCE CHATTER-ET	840003124771865	80K	100	F	14JE695	75	1432	-0.04	60	0.05	60	575	549	484	471	3.10		
G	JX SUNSET CANYON MINOAN (5)-ET	USA 119306352	99K	100	F	7JE1527	75	1145	0.03	59	0.06	53	598	564	482	481	2.93		
G	CDF SANGITA-ET	840003124584857	80K	100	F	7JE1437	74	1432	-0.08	54	0.01	52	564	543	493	465	2.83		
G	CAL-MART CHILI LARS	USA 067294430	99K	100	F	1JE946	74	559	0.08	43	0.08	35	632	592	498	603	2.73		
G	JX FARIA BROTHERS POGBA (4)	840003126052088	99K	100	F	7JE1505	71	801	0.17	72	0.11	48	615	572	469	550	2.94		
G	JX AHLEM CASCADE (5)-ET	USA 073409421	80K	100	F	29JE3970	75	991	0.05	57	0.07	50	591	554	465	491	2.93		
G	TOG ALTBABLITZ-ET	840003126218629	99K	100	F	11JE1320	75	1117	-0.06	39	-0.01	39	612	597	562	562	2.79		
G	JX MULTI-ROSE RADICAL (5)-P-ET	840003132093005	50K	100	C	14JE736	69	1254	-0.09	43	0.04	53	565	537	469	469	2.93		
G	DP NXLEVEL-ET	USA 119095209	80K	100	F	200JE1035	74	997	0.11	69	0.09	52	604	567	477	521	3.03		
G	CAL-MART PILGRIM TAD	USA 067294424	99K	100	F	1JE944	75	615	0.14	58	0.12	47	607	558	438	542	3.00		
G	JX FARIA BROTHERS LEBRON (4)	840003126052246	50K	100	F	200JE1082	70	842	0.13	66	0.06	44	631	595	509	502	2.84		
G	JX CLOVER PATCH HARRIS CONGO (5)	USA 119294895	99K	100	F	7JE1519	74	850	0.06	52	0.05	42	617	584	505	549	2.83		
G	AHLEM AXIS COMANCHE-ET	USA 073409554	99K	100	F	1JE928	75	1493	-0.11	48	-0.01	50	543	530	498	444	2.85		
G	JX AHLEM BOUDREAUX STORMCLOUD (4)-	USA 074067679	99K	100	F	7JE1540	71	1090	0.07	67	0.03	45	602	583	534	531	3.03		
G	JX FARIA BROTHERS SAINT (4)-ET	840003124526245	99K	100	F	7JE1477	75	934	0.11	66	0.08	48	597	560	470	504	2.92		
G	PROGENESIS HARLEM-ET	CAN 012302933	99K	100	C	200JE1061	71	1133	0.00	53	0.01	42	591	574	533	494	2.86		
G	JX AHLEM BRUNO (5)-ET	USA 074067613	13K	100	F	551JE1654	74	943	0.03	52	0.02	39	583	562	511	508	2.88		
G	OAKLANE DAZZLER DISCO 2127-ET	USA 067742127	99K	100	F	507JE1528	71	250	0.16	46	0.06	21	668	639	568	614	2.76		
G	JX WILSONVIEW HARRIS MCDONAL (5)	USA 119106701	99K	100	F	7JE1495	74	1191	-0.01	55	0.06	54	551	520	444	450	3.02		
G	BLUE MIST VISIONARY METHOD	USA 118440510	80K	100	C	14JE666	75	956	0.01	47	0.06	45	584	549	465	448	2.75		
G	JX MULTI-ROSE CHILI RUSTLER (5)-P-ET	840003132093008	99K	100	C	7JE1541	73	1193	-0.07	43	0.04	50	539	516	460	463	3.03		
G	KASH-IN SLUGGER-P-ET	840003126536278	99K	100	F	7JE1526	74	242	0.38	86	0.16	42	645	586	444	521	3.01		
G	AHLEM AXIS DAGGAR 22486	USA 073409447	13K	100	F	203JE1620	74	750	0.03	39	0.06	39	596	563	482	511	2.83		
G	HEARTLAND AXIS SUNBURST-ET	USA 067372759	80K	100	F	7JE1462	75	1002	0.03	54	0.08	52	558	517	418	448	2.90		
G	TJF VISIONARY REGENCY	USA 067248196	80K	100	F	14JE662	75	994	-0.03	43	0.06	47	562	528	447	445	2.87		
G	JX CRESCENT VOLCANO GRANT (6)	USA 067295728	50K	100	F	14JE754	74	795	0.13	62	0.06	40	570	541	470	491	2.96		
G	JX MEIER LEONEL PALMER (4)	USA 067179059	99K	100	F	551JE1651	70	737	0.17	68	0.06	39	600	567	486	507	2.86		
G	JX PEARLMONT PROP JOE DIMMER (4)	USA 067270655	99K	100	F	1JE955	71	562	0.19	63	0.08	35	597	563	483	535	2.94		
G	JX FARIA BROTHERS PITBULL (4)-ET	840003124526352	99K	100	C	14JE705	75	854	0.11	61	0.03	36	582	559	504	494	2.82		
G	ALL LYNN'S BLADE BONANZA	USA 118843676	80K	100	F	14JE692	74	1317	-0.02	59	0.01	47	522	508	472	482	2.96		
G	JX FARIA BROTHERS TARHEEL (4)-ET	840003012575909	80K	100	F	1JE912	75	551	0.22	70	0.11	41	563	520	417	468	2.96		
G	VERJATIN WESTSTAR-ET	CAN 109411770	99K	100	F	200JE1064	71	890	0.10	63	0.06	44	584	551	471	468	2.85		
G	RIVER VALLEY CHARLEY CHANGE UP-ET	840003126479215	99K	100	C	200JE10010	71	566	0.14	57	0.06	33	609	577	503	513	2.90		
G	SEXING PILGRIM TUX 60328-ET	840003010364075	80K	100	F	203JE1637	75	301	0.17	48	0.07	26	605	574	499	637	2.96		
G	ALL LYNN'S SANTANA VANDANA-P-ET	USA 119035887	99K	100	F	203JE1627	74	1035	0.03	54	0.05	47	561	531	457	400	2.87		
G	JX OOMSDALE CONNER (4)-ET	USA 067235830	80K	100	F	200JE1033	74	1072	-0.02	44	0.01	41	500	483	441	414	2.90		
G	CDF IRWIN STEVE	840003006436334	80K	100	C	11JE1259	75	691	0.20	74	0.08	40	600	565	480	461	2.93		
G	PINE-TREE REGENCY FICKLE-ET	USA 067901158	50K	100	F	14JE757	71	997	0.03	53	0.03	42	563	541	488	490	2.95		
G	AHLEM DARTAGNAN-ET	USA 067823014	50K	100	F	14JE745	71												

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PL	DPR	CCR	HCR	LIV	EFI	JPI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
7.6	-0.7	1.2	2.2	0.6	6.2	300	0	0	69	1.4	0.0	1.0	0.1	H1.0	0.6	P0.6	S0.9	2.7	1.2	0.0	0.5	S2.4	W0.3	L0.9	W0.1	B0.3	22.8
7.2	-0.3	0.8	2.2	0.9	7.3	293	0	0	71	1.3	0.2	0.4	0.6	H0.1	0.4	P0.5	S0.5	1.0	0.7	0.5	0.2	S0.8	C0.5	S0.2	C0.4	C0.1	10.5
5.2	-2.2	-1.5	0.2	0.3	6.9	282	0	0	71	1.1	0.8	0.5	0.5	L0.3	0.5	P0.5	S0.7	1.2	1.3	0.4	0.0	S1.5	W0.2	L0.8	C0.7	C0.2	12.4
6.1	0.7	2.5	2.5	0.7	6.1	277	0	0	70	1.0	0.0	-0.2	0.7	H0.6	0.1	P0.7	S0.5	1.4	1.2	0.5	0.3	S0.9	C0.5	S0.1	C0.4	C0.4	13.7
4.4	-2.3	-0.9	1.7	0.6	7.6	276	0	0	71	1.4	0.2	1.1	1.2	H1.1	1.0	P0.6	S0.5	0.8	1.0	0.9	0.9	D0.5	C0.4	L1.0	0.0	B0.3	5.1
8.2	1.9	3.8	4.2	2.5	7.1	271	0	0	70	1.4	0.3	0.2	0.5	H1.5	0.7	P0.7	S1.0	2.7	0.9	0.3	0.1	S2.1	C1.4	S0.3	C0.7	0.0	23.5
4.9	-0.9	0.2	2.7	-0.7	5.6	269	0	0	68	1.7	1.0	0.9	0.9	H0.2	0.6	P0.7	S0.7	1.8	1.7	0.6	1.1	S1.2	C0.5	L0.6	C0.2	0.0	19.5
6.1	-0.6	-0.6	0.0	0.5	8.5	268	0	0	73	1.3	0.0	0.8	0.6	H0.7	1.0	P0.7	S0.8	1.8	1.3	0.4	0.5	S1.2	C0.7	L0.7	C0.3	0.0	16.3
5.2	-0.8	-0.1	0.6	0.6	7.4	265	0	0	72	1.4	0.7	0.4	1.3	L0.2	0.3	S0.2	S0.2	0.9	1.7	1.0	0.6	S0.5	C0.5	L0.7	W0.1	B0.5	11.3
5.0	0.1	1.5	3.3	1.1	6.9	265	0	0	71	0.7	0.8	0.7	0.5	L0.7	0.6	P0.1	S0.7	0.4	0.5	0.4	0.3	S0.2	0.0	L0.4	C0.2	B0.7	4.0
5.4	-1.2	-0.8	1.4	0.6	7.7	264	0	0	72	1.1	-0.6	0.1	1.0	H0.4	-0.2	P0.4	S0.5	0.8	1.2	0.8	0.7	S0.5	C0.3	0.0	C0.3	B0.1	11.0
3.7	-1.1	-0.8	0.7	-1.4	7.3	260	0	0	72	1.2	0.9	0.9	1.0	H0.5	1.2	P0.1	S0.2	1.2	1.1	0.7	0.1	S0.8	C0.5	L0.3	W0.4	C0.1	10.9
3.2	-2.9	-2.0	-0.8	-0.2	8.3	259	0	0	73	1.6	2.2	1.1	1.6	H0.5	1.2	S0.1	S0.6	1.2	1.5	1.2	0.4	S0.9	C1.0	0.0	C0.9	B0.5	14.7
5.1	-1.2	-1.1	1.2	0.1	8.3	259	0	0	73	1.5	0.6	0.0	1.1	H0.7	0.7	P0.8	S1.0	1.7	1.1	0.8	0.1	S2.2	C0.6	L0.4	C0.4	0.0	19.0
5.4	-0.5	0.9	2.4	0.5	7.5	257	0	0	71	0.7	0.1	0.7	0.3	L0.3	0.1	P0.3	S0.2	0.7	0.6	0.2	0.5	S0.2	C0.1	L0.4	C0.5	B0.1	6.1
6.8	0.9	1.7	2.2	1.7	8.1	254	0	0	73	1.3	0.1	-0.1	0.9	H0.4	0.0	S0.1	S0.5	1.3	1.6	0.7	1.1	S1.3	C0.1	L0.8	C1.4	B0.7	17.3
6.9	-0.8	0.1	2.1	1.4	8.1	253	0	0	73	0.8	0.3	0.6	0.3	L0.4	0.2	P0.4	S0.1	0.5	0.8	0.2	0.7	S0.1	W0.6	L0.5	W0.8	0.0	5.1
4.7	-2.0	-0.9	1.1	0.2	7.4	250	0	0	71	0.8	-0.7	0.3	0.3	H0.8	0.4	P0.3	S0.6	1.4	0.6	0.2	0.5	S1.0	C1.1	0.0	C1.3	B0.1	14.1
6.1	-0.4	-0.9	1.4	1.3	6.9	250	0	0	71	1.7	1.4	1.4	0.9	H0.2	1.2	P0.8	S1.1	2.2	1.3	0.6	0.7	S1.8	C1.0	L0.5	C0.4	C0.1	21.9
3.0	-2.0	-0.4	0.5	-0.6	6.9	249	0	0	71	1.6	0.5	1.5	1.1	H0.2	0.9	P0.2	S0.8	1.5	0.8	0.8	0.8	S0.3	C1.3	L0.8	C0.2	0.0	11.7
4.4	-1.5	-0.7	0.5	-0.7	7.3	249	0	0	72	1.6	0.3	0.3	1.3	H0.7	0.4	P0.3	S0.7	2.0	2.0	0.9	0.5	S1.0	C1.8	L0.1	C0.7	0.0	20.2
4.2	-1.6	0.1	1.4	0.5	6.7	248	0	0	70	0.8	-0.2	0.2	0.3	0.0	0.4	0.0	S0.1	0.4	0.6	0.2	0.8	D0.1	W0.2	L0.3	C0.2	C0.3	4.6
5.2	-2.4	-1.7	0.4	0.3	6.9	245	0	0	71	0.7	-0.4	0.2	0.3	H0.4	-0.2	P0.2	L0.4	1.1	0.7	0.2	0.0	S1.1	C0.7	L0.2	C0.5	C0.2	11.0
5.4	-1.1	-1.9	-1.2	0.6	6.6	245	0	0	71	0.8	0.5	1.1	0.5	H0.7	0.7	P0.5	S0.8	1.2	0.6	0.4	0.8	S0.4	C0.2	L0.8	C0.5	B0.1	9.2
4.8	-0.6	0.2	1.5	0.1	7.8	244	0	0	72	0.5	-0.6	-0.3	0.5	L0.1	-0.3	0.0	L0.5	0.4	0.8	0.3	0.5	S0.3	0.0	L0.6	C0.6	B0.4	5.6
2.8	-2.5	-2.2	-0.8	-2.4	6.8	242	0	0	71	1.3	0.0	0.5	0.4	H0.7	0.4	P0.8	S0.3	1.5	1.7	0.3	0.1	S0.9	C0.5	L1.2	W0.3	B0.4	12.2
4.8	-2.1	-1.2	-0.4	-0.9	6.7	242	0	0	71	1.3	0.3	0.3	1.0	L0.3	-0.1	P0.5	S0.2	0.9	1.5	0.8	0.7	S0.2	C0.5	L0.8	0.0	C0.2	9.6
4.9	0.2	1.7	1.8	0.9	6.6	242	0	0	71	0.8	-0.2	0.7	0.2	H1.4	0.6	P1.1	S0.6	1.6	0.7	0.1	0.2	S1.4	W0.2	L1.2	W0.2	B0.4	11.9
7.9	1.4	2.6	2.0	2.3	9.4	241	0	0	75	1.3	0.5	-0.5	1.4	L1.0	-0.3	P0.6	S0.6	1.0	2.1	1.0	0.1	S0.5	C0.7	S0.4	C1.1	B0.2	12.7
5.2	-0.5	-0.5	1.0	0.7	6.9	240	0	0	70	1.4	0.4	0.9	1.2	H1.0	1.1	P0.8	S1.2	1.5	1.2	0.9	0.5	S1.0	C0.3	L0.3	C0.3	C0.1	14.3
3.0	-3.7	-3.0	1.5	-0.6	6.7	237	0	0	73	1.8	1.5	1.2	1.6	H1.1	1.3	P0.7	S0.6	2.5	2.3	1.2	-0.2	S1.7	C0.5	L0.4	W0.4	B0.1	20.9
4.6	-0.3	0.7	1.8	-1.1	8.5	236	0	0	73	1.3	1.1	0.4	1.1	0.0	0.4	P0.1	S0.4	0.9	1.7	0.8	1.3	S0.8	C0.4	L0.2	C0.6	B0.1	16.1
6.9	1.4	2.8	2.0	1.3	8.6	236	0	0	73	1.1	-0.8	0.1	0.9	L0.5	-0.1	S0.1	S0.3	0.9	1.1	0.7	0.6	S0.2	C1.2	S1.0	C1.1	B0.1	12.2
5.2	1.6	3.0	3.0	-0.7	6.9	233	0	0	70	1.2	1.5	0.3	0.5	L0.4	0.8	P0.4	S1.1	1.7	1.3	0.4	-0.2	S1.8	C0.4	S0.2	C0.2	C0.7	17.2
6.9	0.3	2.8	4.2	0.3	9.2	232	0	0	73	1.3	0.4	-0.4	1.4	L0.2	-0.3	S0.6	S0.4	0.4	1.7	1.1	0.8	S0.4	C0.2	L0.4	C1.2	0.0	10.1
3.6	-0.9	-0.5	-0.7	-2.6	8.9	231	0	0	74	1.7	1.3	0.8	0.9	H0.8	0.9	P1.1	S1.3	2.1	1.7	0.7	0.3	S1.6	C0.7	L0.6	W0.3	0.0	19.5
5.3	-0.3	-0.6	0.6	1.3	7.5	230	0	0	72	1.0	0.8	1.3	0.0	L0.4	0.9	P0.2	S0.3	1.2	0.6	0.0	0.6	S1.3	C0.2	L0.6	C0.2	B0.2	13.0
4.7	-0.6	-0.2	1.6	-0.5	8.5	228	0	0	73	1.2	1.2	0.7	0.7	L0.1	0.7	0.0	L0.2	1.3	1.2	0.6	0.3	S1.3	C0.1	L0.6	C0.1	C0.3	13.5
6.7	3.2	4.1	3.1	1.6	7.1	228	0	0	72	1.0	0.3	0.3	0.4	H0.6	0.2	P0.3	S0.5	1.8	1.4	0.3	-0.2	S2.3	0.0	S0.1	C0.6	B0.5	19.3
3.9	1.1	1.8	4.4	1.2	5.4	227	0	0	67	0.5	1.0	0.1	0.6	L0.6	0.2	S0.7	S0.1	-0.3	0.3	0.5	0.9	S0.8	W0.4	L0.8	C0.5	0.0	5.2
4.4	-0.3	0.9	1.9	-0.8	8.2	226	0	0	73	1.2	-0.2	0.4	0.6	H1.1	0.5	P0.9	S0.5	1.7	0.7	0.4	0.2	S1.6	C1.3	S0.4	C1.2	B0.1	17.9
8.0	2.2	2.2	2.2	3.0	9.1	225	0	0	74	1.5	0.5	-0.1	1.2	L1.0	-0.2	S0.1	0.0	0.9	1.8	0.9	0.3	S0.9	C0.4	S0.9	W0.2	C0.3	14.8
4.9	-0.3	0.4	1.0	-1.3	7.4	224	0	0	69	1.7	1.9	0.6	1.7	H1.4	1.0	P0.9	S1.1	1.8	2.0	1.3	0.1	S1.7	0.0	L0.8	C0.1	C0.3	17.8
4.1	0.4	1.0	1.2	-0.4	7.5	224	0	0	72	1.3	1.0	0.1	1.3	L0.7	0.3	0.0	L0.3	0.0	1.5	1.0	0.9	S0.6	W1.1	S0.2	W0.2	C0.2	8.9
5.4	2.1	2.3	2.1	2.1	8.0	224	0	0	73	0.9	1.6	1.2	0.7	L0.6	0.7	S0.7	S0.3	0.9	0.5	0.5	0.8	S0.3	C0.4	L0.2	C0.3	C0.4	8.9
5.4	-1.0	-0.1	0.2	-0.4	6.1	223	0	0	67	1.8	0.4	0.3	0.8	L0.2	0.4	P0.7	S0.6	2.2	2.1	0.6	0.0	S2.2	C0.3	L0.4	C0.1	C0.3	22.2
6.2	1.5	2.5	2.6	1.4	6.3	223	0	0	70	0.9	0.6	0.1	0.4	L0.2	0.2	P0.1	S0.7	1.2	0.5	0.3	-0.2	S1.4	W0.1	S0.1	C0.4	C0.5	10.9
5.3	-0.8	0.2	1.6	1.4	8.9	222	0	0	74	1.7	2.0	0.8	1.7	L0.6	0.5	S0.5	S0.5	0.8	1.3	1.3	0.5	S1.1	C0.9	S0.8	C0.7	B0.4	15.5
5.3	0.4	1.2	3.0	2.1	7.3	222	0	0	70	1.3	0.3	0.3	1.0	H0.4	0.4	S0.1	S0.6	1.3	1.1	0.7	0.8	S1.0	C0.7	L0.3	C0.9	C0.2	15.1
4.3	-0.1	1.4	1.5	1.5	6.6	221	0	0	72	0.9	0.6	0.5	0.3	H0.2	0.3	P0.4	S0.2	0.7	0.6	0.2	0.6	S1.3	C0.6	L0.9	C1.0	B0.2	11.4
6.3	-0.2	0.1	1.6	0.4	8.6	221	0	0	71	1.3	-0.2	0.2	1.0	H0.5	0.2	P0.4	S0.8	2.1	1.0	0.7	0.7	S1.9	C0.5	S0.5	C0.4	C0.4	22.4
6.3	0.7	1.1	2.2	1.5	8.0	220	0	0	71	1.4	0.4	0.5	0.5	H0.6	0.8	P0.1	S0.6	2.2	1.0	0.4	1.0	S2.1	C1.6	L0.6	C1.4	B0.7	24.4
9.7	3.0	3.3	2.6	2.4	8.3	219	0	0	71	1.8	0.6	0.0	1.2	H1.3	0.6	P0.7	S1.2	2.9	1.3	0.9	0.9	S2.8	C1.7	S0.6	C0.3	C0.3	32.5
3.8	-0.8	0.5	1.2	0.3	6.0	218	0	0	71	1.1	-0.2	0.6	0.6	H0.5	0.6	P0.5	S0.3	1									

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2016

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
G	JX FARIA BROTHERS TOTTY (4)	840003126052081	99K	100	F	1JE950			71	642	0.11	53	0.05	34	577	548	480	530	2.87
G	JX AHLEM PROP JOE CAMO (4)-ET	USA 074067736	99K	100	F	11JE1304			70	635	0.26	82	0.08	37	565	528	441	449	2.83
G	AHLEM CHILI BOWTIE-ET	USA 074067393	99K	100	F	11JE1274			75	626	0.07	44	0.08	37	574	545	473	501	3.06
G	RIVER VALLEY ROSETTE RACER	840003126479283	99K	100	F	200JE10007			75	711	0.08	50	0.04	33	504	481	425	446	2.90
G	CO-OP AD FRMDBL HESTON (5)-ET	840003012658818	99K	100	F	1JE952			69	842	-0.01	37	0.00	31	559	546	514	525	2.89
G	JX CAL-MART HARRIS BERMUDA (5)	USA 067294363	13K	100	F	97JE146			74	1037	0.09	66	0.07	50	523	492	417	394	3.02
G	JX AHLEM HARRIS PATRON (5)-ET	USA 074067417	99K	100	F	11JE1276			76	1199	-0.03	52	0.03	49	465	441	382	398	2.95
G	PROGENESIS HARDWORKER-ET	CAN 012302927	99K	100	C	200JE1060			71	1162	0.01	58	0.04	48	507	482	422	380	2.91
G	RIVER VALLEY SAL STRIKER-ET	840003013097975	80K	100	F	7JE5020			77	1330	-0.08	47	-0.01	45	489	480	458	405	3.00
G	AHLEM FORMIDABLE WICHITA 22978	USA 074067763	99K	100	F	7JE1537			71	1095	-0.04	43	0.03	45	476	453	396	425	2.90
G	AHLEM REGENCY PRINCETON-ET	USA 074067733	99K	100	F	7JE1544			71	1302	-0.09	45	-0.02	42	503	499	486	425	2.98
G	MISSISKA MACKENZIE-ET	CAN 107987355	80K	100	F	200JE1007			74	304	0.34	85	0.15	40	643	591	465	465	3.05
G	CDF LAYNE IVORY-ET	840003006436390	80K	100	F	11JE1211			77	1055	-0.05	42	0.00	38	513	499	467	464	2.90
G	O.F. MAINSTREAM	USA 067198223	99K	100	F	200JE1066			71	1171	0.04	64	0.03	47	506	483	427	421	2.93
G	IGL MAGNUM MILTON-ET	840003125325412	80K	100	F	7JE1471			75	1292	0.08	80	0.01	47	532	521	492	489	3.09
G	JER-Z-BOYZ SEVEN	USA 118830292	80K	100	F	7JE1447			75	1281	-0.02	56	0.00	45	518	506	475	420	2.98
G	SUNSET CANYON MOTIVATION	USA 119241794	99K	100	F	29JE4013			74	480	0.08	38	0.07	31	532	496	412	470	2.76
G	AHLEM BOWMAN LANCER-ET	USA 073409435	99K	100	F	29JE3992			75	266	0.23	58	0.10	29	577	538	445	518	2.91
G	JX SEXING WALTER CRANSTON 60790 (5)	840003010364537	50K	100	F	551JE1642			71	669	0.16	62	0.07	37	558	527	451	443	2.93
G	LJC TANAS VISIONARY VICTOR	USA 118697239	80K	100	F	7JE1417			73	901	0.00	41	0.06	42	517	486	413	420	2.86
G	AHLEM AXIS BONANZA 22387	USA 073409348	80K	100	F	7JE1461			75	840	-0.03	34	0.04	39	521	493	425	421	2.86
G	PINE-TREE PHARO 1ST DYNASTY-ET	USA 075191049	99K	100	F	7JE1516			75	980	-0.03	40	0.00	34	506	498	477	498	2.98
G	OAKLANE DAZZLER DOORMAN 2125-ET	USA 067742125	99K	100	F	7JE1529			71	44	0.21	42	0.08	16	613	580	501	571	2.74
G	PINE-TREE REGENCY FOCUS-ET	USA 067901153	50K	100	F	14JE756			71	1030	0.04	56	0.06	48	491	464	398	410	3.05
G	ALL LYNNS VAST-ET	USA 118981925	99K	100	F	200JE1034			77	1168	-0.07	40	0.01	43	466	453	419	433	2.99
G	JX ROC-BOT DURABLE (5)	USA 075211001	99K	100	F	200JE1057			72	555	0.08	41	0.06	32	521	493	427	422	2.94
G	IGL SANTANA TORPEDO-ET	840003125325348	80K	100	F	250JE1456			74	952	0.01	47	0.02	37	514	496	453	394	2.85
G	HI-LAND MARVEL MEITY	USA 067587980	99K	100	C	14JE708			75	776	-0.03	30	0.02	31	512	496	455	456	2.88
G	IGL RISING TEMP-ET	840003124584980	80K	100	F	7JE1438			75	1016	0.10	69	0.06	47	515	489	425	435	3.08
G	JX BLUE MIST METHOD PILOT (5)	USA 119427235	50K	100	F	14JE732			71	919	0.02	48	0.06	44	515	484	409	402	2.90
G	SHAN-MAR PROTECTOR CLAY-ET	USA 067553104	99K	100	F	507JE1482			76	909	0.04	50	0.04	41	521	496	435	462	2.93
G	JX FARIA BROTHERS LUDA (4)-ET	840003012575889	80K	100	C	200JE1026			76	788	0.18	71	0.07	41	517	491	426	463	3.09
G	RIVER VALLEY CDIXIE DETOUR	840003013097965	80K	100	F	7JE5022			75	1102	-0.11	31	-0.01	37	457	447	424	442	2.90
G	CAL-MART PILGRIM DANKO	USA 067294365	80K	100	C	1JE925			74	356	0.09	36	0.08	29	526	485	390	510	2.73
G	DODAN DEW-Z DEWEY-ET	USA 119306240	99K	100	F	200JE1053			71	272	0.22	59	0.12	34	564	515	399	451	2.87
G	NORSE STAR FIERCE VOLCANO-ET	USA 119408894	99K	100	F	7JE1520			75	1173	-0.07	43	0.00	42	456	443	410	374	2.94
G	LAST CHANCE PLUS MATLOCK (6)	USA 067276204	99K	100	F	11JE1277			75	957	0.06	59	0.04	42	473	450	395	400	3.02
G	JX AVI-LANCHE VALUE DEFY (6)	840003131650099	99K	100	C	11JE1306			75	785	0.07	53	0.01	32	531	516	479	456	2.94
G	AHLEM EVOLUTION LEAR 22519-ET	USA 073409480	13K	100	C	203JE1621			74	772	-0.07	22	0.00	28	505	492	462	447	2.86
G	ALL LYNNS PLUS VALERIAN (6)-ET	USA 118452564	80K	100	F	14JE655			77	1296	-0.06	48	0.00	46	467	455	423	388	2.98
G	ALL LYNNS NIKON VALERGO-PP	USA 119288203	99K	100	F	11JE1294			75	840	0.12	64	0.07	44	490	462	394	347	3.13
G	RIVER VALLEY BULLET-ET	840003126479258	99K	100	F	7JE5047			71	460	0.15	53	0.07	30	551	522	454	444	2.97
G	PROGENESIS HILLMAN	CAN 109266057	99K	100	F	200JE1074			71	703	0.10	55	0.04	32	544	521	467	456	2.88
G	JX AHLEM BADGER CRUISER (4)-ET	USA 074067453	99K	100	F	1JE934			74	670	0.14	60	0.04	31	533	515	470	493	3.00
G	KASH-IN SMACK-P-ET	840003126234073	99K	100	F	7JE1476			75	933	-0.03	40	0.03	39	450	429	376	434	2.88
G	SHAN-MAR LEMONHEAD KEYSTONE-ET	USA 067460157	50K	100	F	14JE759			71	192	0.21	51	0.12	31	556	512	406	473	2.96
G	BW PAXTON-ET	USA 119446229	99K	100	F	551JE1649			72	529	0.07	40	0.05	30	488	460	393	415	2.89
G	MFW SPARKY IMPISH-ET	USA 119052516	99K	100	F	29JE3987			75	1125	0.03	60	0.05	49	466	442	383	343	3.07
G	RIVER VALLEY FSDAFFY DRIFTER	840003013097822	99K	100	F	7JE5033			74	631	0.08	46	0.05	34	533	503	431	415	2.85
G	MISSISKA MOORE	CAN 107987358	80K	100	C	7JE1385			74	300	0.25	64	0.09	29	602	568	486	503	3.02
G	AHLEM SNAPDRAGON WILLOW	USA 067823040	99K	100	F	11JE1309			71	1147	0.01	55	0.01	42	422	409	377	339	2.97
G	KASH-IN SIGNAL-ET	840003126536266	99K	100	F	7JE1507			72	811	-0.02	36	0.03	35	474	451	394	371	2.83
G	JX FOREST GLEN SOPRANO TAZER (5)	USA 067578168	80K	100	C	1JE923			73	647	-0.03	25	0.04	29	508	481	419	396	2.67
G	MS EASTON	USA 119146567	99K	100	C	29JE4010			76	1090	-0.11	32	0.00	38	456	447	424	366	2.99
G	SUNSET CANYON DAKARAI	USA 118866150	8K	100	F	147JE6224			72	220	0.34	77	0.12	32	550	503	391	482	2.88
G	JX CRESCENT GRANITE (5)-ET	USA 067275626	99K	100	C	29JE4015			71	1241	-0.13	32	-0.05	34	453	454	456	416	2.83
G	SEXING ZIPPER AUTOMATIC 59995-ET	840003010363742	80K	100	F	151JE1625			74	497	0.16	56	0.08	34	534	500	416	496	2.93
G	JX FOREST GLEN VOLCANO VICK (4)	USA 067527119	8K	100	F	97JE143			73	1134	-0.07	39	-0.04	33	433	428	417	409	2.75
G	JX PROGENESIS TOTALLY (6)-ET	124 012302897	99K	100	C	200JE1049			71	742	0.05	46	0.00	27	504	492	463	411	2.85
G	FARIA BROTHERS BOOSIE (5)-ET	840003124526361	80K	100	F	1JE920			75	1126	0.07	69	0.03	46	465	445	395	361	2.99
G	SUNSET CANYON DAUPHIN-ET	USA 119244292	13K	100	F	147JE6225			70	605	0.28	84	0.09	38	549	516	433	444	3.00
G	SUNSET CANYON VIRGINIAN	USA 118775027	80K	100	F	29JE3949			75	256	0.18	47	0.08	24	550	519	446	510	2.94
G	JX SCHULTZ REMARKABLE (4)	USA 118937346	80K	100	F	200JE1032			75	1265	-0.15	29	0.01	47	397	384	350	315	3.04
G	SANDCREEKS REGENCY ZENON-P-ET	840003126823312	50K	100	F	14JE740			71	534	0.12	51	0.08	36	491	456	372	393	2.99
G	AHLEM BLADE DAPPER	USA 073409328	80K	100	F	11JE1253			75	714	0.08	49	0.05	35	471	445	383	409	2.93
G	CDF TRAJECTORY-ET	840003006436392	80K	100	F	11JE1204			76	888	0.09	61	0.07	46	469	438	363	334	3.10
G	JX AHLEM WALTERWHITE RIDDLER (5)-ET	USA 074067600	99K	100	F	11JE1296			71	885	0.07	55	0.06	42	479	457	403	380	3.13
G	JX AHLEM JUMBO MATE (5)	USA 074067543	99K	100	F	11JE1289			73	744	0.05	45	0.04	34	467	443	385	358	2.88
G	AHLEM TRANSFORMER RANDOLPH	USA 074067735	99K	100	F	11JE1302			71	597	0.16	59	0.06	34	530	499	425	376	2.87
G	BW BRAVEHEART-ET	840003126536276	13K	100	F	551JE1656			70	459	0.19	59	0.09	33	555	525	451	426	3.06
G	JX AHLEM BADGER CORDOBA (4)-ET	USA 074067452	99K	100	F	1JE933			74	482	0.15	53	0.05	28					

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PL	DPR	CCR	HCR	LIV	EFI	JPI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
6.2	2.3	2.2	1.0	2.3	7.0	198	0	0	70	0.7	0.9	0.3	0.3	L1.8	0.2	P0.1	S0.6	0.4	1.2	0.2	0.9	S0.5	W0.5	L0.3	C0.4	C0.4	8.9
3.7	-0.8	-2.0	1.0	1.2	6.9	197	0	0	69	1.0	1.9	1.0	0.7	L1.7	0.5	S0.8	S0.1	0.6	0.9	0.6	0.9	S1.1	C0.4	L0.2	0.0	C0.4	13.0
6.9	1.0	2.4	2.3	0.9	7.9	197	0	0	72	1.4	0.1	-0.7	1.1	L0.3	-0.2	S0.3	S0.3	1.3	1.5	0.9	0.0	S1.7	C0.9	L0.3	C1.8	B0.4	16.6
4.7	0.8	0.9	3.0	1.1	8.9	197	0	0	73	1.9	2.2	0.9	1.1	L1.0	0.6	S0.7	S0.2	2.0	1.7	0.8	0.9	S2.9	C1.5	S0.1	C1.2	B0.1	29.9
7.7	2.4	3.5	1.0	3.2	6.4	197	0	0	68	0.8	-0.6	-0.7	0.3	L0.8	-0.6	S0.1	L0.2	1.0	1.4	0.2	0.3	S1.2	C0.5	S1.5	C0.1	C0.3	16.6
3.2	-1.7	-2.0	-0.9	-0.6	7.4	196	0	0	71	0.8	0.5	0.6	0.1	H0.4	0.8	P0.5	S0.7	1.2	0.5	0.1	0.4	S1.2	C0.3	L0.7	W0.3	B0.1	11.5
2.1	-0.4	0.9	1.2	-0.3	7.5	196	0	0	73	1.1	1.2	1.0	0.8	H1.4	1.2	P0.7	S0.6	1.4	0.9	0.6	0.6	S0.7	C0.5	L1.1	C0.1	B0.1	11.2
3.7	-2.2	-0.3	1.6	0.5	8.3	196	0	0	71	1.2	0.2	0.6	1.4	H0.4	0.4	S0.2	S0.1	1.0	0.5	1.0	0.5	S0.3	C0.2	L0.2	C0.4	C0.4	7.8
4.5	-0.8	0.3	0.6	1.5	9.0	196	0	0	76	2.0	1.2	0.6	1.5	0.0	0.6	P0.2	S0.7	1.8	1.9	1.2	0.7	S0.9	C0.8	S0.3	C0.2	B0.2	19.0
3.3	0.6	1.6	0.4	0.5	8.2	196	0	0	71	1.2	1.7	1.0	0.7	L1.0	0.8	P0.2	S1.0	1.0	1.3	0.5	1.3	S1.1	W0.3	L1.0	W0.5	C0.1	14.5
5.1	-0.9	1.3	2.4	-2.1	8.4	196	0	0	71	1.5	0.2	-0.3	0.9	L0.4	-0.2	P0.1	S0.2	1.5	2.3	0.7	0.1	S1.5	C0.3	S0.5	W0.3	C0.2	19.1
5.3	-2.1	-2.0	-0.6	-0.3	7.8	196	1	1	73	1.4	0.4	0.2	1.6	H0.1	0.3	P0.1	S0.6	1.7	1.8	1.2	0.2	S1.1	C0.2	L0.3	C0.2	0.0	15.6
6.0	1.4	1.7	1.9	1.3	8.4	196	0	0	76	0.6	0.5	0.6	-0.1	L0.4	0.6	0.0	S0.2	1.6	0.1	-0.1	0.1	S1.3	W0.3	L0.7	W0.3	0.0	10.2
2.4	-0.7	-0.7	-0.1	-1.0	8.0	195	0	0	71	1.4	1.8	0.0	1.6	L0.2	0.2	S0.1	S0.4	0.7	1.8	1.2	0.4	S0.9	C0.3	L0.6	C0.7	C0.1	11.9
2.6	0.8	0.4	-0.4	0.4	8.0	194	0	0	74	0.6	0.8	0.3	1.2	L1.0	-0.2	S0.7	L0.2	0.0	1.4	0.9	-0.3	D0.5	C0.3	L0.5	C0.1	C0.2	-0.5
4.3	-1.1	-0.6	-0.7	-0.4	7.6	194	0	0	73	1.4	1.3	0.2	0.7	L0.1	0.2	P0.7	S0.7	1.5	1.8	0.5	0.4	S1.5	W0.1	L1.2	W0.5	B0.7	15.6
6.2	1.5	3.3	2.3	2.0	7.6	194	0	0	72	1.1	1.1	1.0	0.5	L0.2	0.7	S0.3	S0.4	1.9	0.9	0.4	0.5	S1.6	C0.5	L0.8	C0.7	B0.4	17.1
5.7	1.5	3.2	3.5	1.2	8.0	194	0	0	74	0.7	0.2	-0.1	0.6	H0.7	0.1	S0.5	S0.5	1.3	0.7	0.4	0.4	S1.6	C1.2	S0.2	C1.1	0.0	16.9
4.8	-0.8	-0.8	-0.8	-1.4	8.3	193	0	0	71	1.6	0.8	-0.1	0.9	H0.8	0.6	P0.6	S0.5	2.7	2.0	0.7	0.1	S2.1	C1.0	L0.6	C0.1	C0.3	24.1
5.0	-0.7	1.8	3.2	0.4	6.4	192	0	0	71	0.7	0.1	0.0	0.6	L1.2	-0.2	S0.5	L0.1	0.8	1.7	0.4	-0.3	S0.7	W0.6	S0.1	W0.3	C0.6	8.2
5.9	-0.1	0.4	-0.3	-0.1	8.7	192	0	0	73	1.5	1.4	-0.2	0.7	L0.5	0.1	P0.8	S0.9	1.8	2.1	0.6	-0.2	S2.0	C0.3	S0.7	C0.5	B0.1	21.1
5.7	2.3	3.6	2.5	3.1	8.3	192	0	0	74	1.2	0.0	0.6	0.5	H0.8	0.6	P0.5	S0.5	1.7	1.7	0.3	0.3	S1.1	C0.2	L0.5	W1.4	C0.2	15.3
8.6	3.2	3.4	2.9	2.2	8.4	192	0	0	71	1.3	-0.4	-0.3	0.4	H0.5	0.0	P0.3	S1.1	2.3	0.8	0.3	0.8	S2.5	C0.8	S0.1	C0.3	C0.3	25.4
2.5	-0.8	0.4	1.2	-1.0	7.9	191	0	0	71	1.1	-0.3	-0.1	0.9	H0.5	-0.5	S0.4	S0.1	1.1	2.0	0.7	0.2	S1.1	W0.4	L0.3	W1.2	C0.1	13.3
3.7	0.9	1.7	3.5	1.8	8.3	191	0	0	76	0.7	0.8	-0.3	0.2	L0.5	0.2	P0.4	S0.5	1.2	0.8	0.1	0.1	S1.5	W0.5	L0.1	W0.2	C0.4	12.4
6.6	-0.2	1.1	2.6	2.4	9.6	191	0	0	72	2.0	1.6	0.7	0.9	L0.7	0.8	P0.1	S0.7	2.1	1.9	0.7	1.0	S2.5	C0.6	S0.2	0.0	C0.4	28.1
5.4	-1.4	-1.3	0.7	0.7	7.6	190	0	0	72	1.3	0.6	0.3	0.3	L1.0	0.2	P0.7	S0.8	1.9	1.9	0.2	0.2	S2.3	C1.1	S0.4	C0.1	C0.5	24.4
7.2	1.4	2.7	1.5	2.1	8.0	190	0	0	74	1.3	0.2	-0.1	0.4	L0.6	-0.1	P0.2	S0.1	1.5	1.2	0.3	0.3	S2.1	C0.9	S1.5	C0.2	C0.4	22.5
2.8	-0.3	0.2	-0.2	-0.5	7.8	189	0	0	74	1.0	0.7	0.2	1.6	L1.6	-0.4	S0.9	L0.3	-0.1	1.8	1.2	0.7	D0.2	C0.4	L0.6	C0.4	C0.3	5.5
4.6	-1.2	0.5	1.6	0.8	7.7	189	0	0	70	1.0	0.5	0.3	0.6	L2.3	-0.4	S0.2	0.0	0.5	2.0	0.4	0.2	S0.4	W0.8	L0.5	C0.1	0.0	7.2
4.4	0.9	1.0	0.9	-0.8	9.5	189	0	0	74	1.0	0.7	-0.5	1.4	L1.0	-0.4	S0.2	S0.2	0.0	1.5	1.1	0.9	D0.1	C0.7	L0.5	C0.1	C0.5	6.9
3.2	0.7	1.4	1.0	2.0	6.7	188	0	0	72	0.8	1.5	0.8	0.8	L0.1	0.7	S0.1	S0.9	1.0	0.4	0.6	0.4	S0.3	C1.1	L0.3	C0.8	C0.3	8.2
4.7	1.7	2.9	3.2	1.1	7.9	188	0	0	74	1.1	1.0	-0.2	0.6	L0.6	-0.1	S0.4	S0.6	0.7	0.5	0.5	0.3	S1.7	C1.0	S0.6	C1.3	C0.3	15.0
5.6	3.8	3.4	0.8	2.4	6.6	188	0	0	71	0.6	0.5	0.2	-0.3	L1.1	-0.1	S0.3	0.0	1.0	0.0	-0.2	0.1	S0.8	C1.3	S0.8	C0.7	C0.5	10.4
5.2	0.1	0.2	0.4	0.9	8.7	187	0	0	72	1.3	0.8	0.6	1.4	L0.5	0.6	S0.1	S0.2	1.2	1.4	1.0	0.6	S0.8	C0.5	S0.2	C0.4	C0.4	14.4
4.0	-0.9	0.1	2.3	0.3	8.8	186	0	0	74	1.2	0.5	0.5	0.8	H0.6	0.6	P0.2	S0.1	1.6	1.4	0.6	0.7	S1.1	C0.9	L0.6	C0.8	B0.2	16.6
2.5	-0.2	-0.5	-1.0	-2.8	8.5	185	0	0	74	1.5	1.9	-0.1	0.8	H0.4	0.8	0.0	S0.8	1.5	1.5	0.6	0.0	S2.3	C1.3	S0.4	C0.6	C0.1	21.7
6.4	0.6	0.6	1.6	0.2	7.6	185	0	0	74	1.5	0.9	0.2	1.3	H0.5	0.4	0.0	S0.2	0.8	1.2	1.0	0.6	S1.0	C0.5	S0.2	C0.8	B0.6	13.6
7.8	1.3	1.8	3.2	0.8	8.9	185	0	0	71	1.4	0.1	-0.4	0.7	H0.7	-0.4	S0.3	S0.2	1.6	1.7	0.5	0.8	S2.3	C1.0	S0.1	C0.6	B0.2	24.7
3.3	-0.8	-0.1	-1.0	-3.1	8.7	184	0	0	76	1.3	1.4	-0.2	1.1	L0.5	0.7	P0.1	S0.6	1.1	2.3	0.8	-0.1	S1.1	W0.1	L0.6	W0.8	C0.4	12.8
3.3	-2.6	-2.7	-0.3	-0.8	8.8	184	0	0	74	2.3	1.4	0.7	1.7	L0.1	1.0	S0.5	S0.4	2.1	2.6	1.3	1.0	S2.5	C0.3	L0.8	C0.9	B0.3	27.8
6.3	-0.2	-0.4	0.8	0.2	8.2	184	0	0	72	1.7	-0.2	-0.1	0.8	H1.0	0.3	P0.6	S0.7	2.5	1.7	0.6	0.3	S2.3	C1.2	S0.4	0.0	0.0	26.4
5.6	0.1	0.4	1.1	0.7	9.5	183	0	0	72	1.4	-0.3	-0.1	0.9	L0.1	-0.2	P0.2	S0.6	1.7	1.4	0.7	0.1	S1.0	C0.6	L0.1	C0.4	C0.4	14.6
5.5	1.6	2.2	2.4	2.3	6.9	183	0	0	69	1.2	1.0	0.6	0.3	L1.2	0.2	S0.2	S0.4	0.9	1.2	0.3	0.1	S0.6	C1.3	L0.3	C0.7	C0.5	10.2
3.2	1.9	2.3	2.3	1.0	8.0	182	0	0	74	0.5	1.7	0.1	0.6	L0.3	0.4	S0.2	S0.3	0.7	0.9	0.5	-0.5	S0.8	W0.1	S0.2	C0.1	C0.7	6.5
5.8	1.3	1.2	-0.5	2.2	8.7	182	0	0	72	1.7	1.0	-0.1	1.1	L0.3	0.3	0.0	S0.7	1.6	1.5	0.8	0.8	S1.5	C1.0	L0.5	C0.7	C0.4	19.5
5.2	0.4	1.0	1.9	0.5	8.9	182	0	0	72	1.7	0.9	0.4	0.8	H0.3	0.7	S0.1	S0.8	2.6	1.6	0.6	0.1	S2.8	C1.0	S0.9	C0.5	C0.4	28.6
2.5	-2.4	-2.0	1.6	-0.2	9.1	181	0	0	75	0.8	-0.3	0.1	0.6	H0.2	0.7	P0.8	S0.3	0.7	0.2	0.5	0.5	S0.5	C0.8	S0.2	C1.1	C0.5	8.5
6.0	-0.8	-0.1	0.6	1.1	8.0	181	0	0	72	1.1	0.6	-0.4	0.8	L0.8	-0.3	P0.2	S0.4	1.1	1.4	0.6	-0.1	S2.0	0.0	S0.4	C0.9	C0.2	16.6
6.9	0.4	1.5	0.9	-1.1	7.3	181	0	0	73	1.4	-0.3	-0.2	1.5	L0.4	-0.3	P0.3	S0.4	1.5	2.0	1.1	0.2	S0.3	C0.2	S0.2	W0.4	C0.7	12.6
1.9	-1.3	-1.8	-0.1	-1.0	9.5	180	0	0	72	2.1	3.0	1.1	1.8	L0.5	1.6	S0.3	S0.9	2.0	2.5	1.4	0.7	S2.0	C1.5	S0.2	C0.9	C0.1	27.1
4.9	-0.8	-0.9	1.4	-0.4	9.0	180	0	0	73	1.3	0.7	-0.7	0.9	L0.5	0.0	S0.3	L0.1	2.0	1.7	0.7	0.1	S2.6	C0.8	S0.2	0.0	C0.5	24.6
7.0	-0.8	1.3	3.8	1.7	5.7	180	0	0	71	0.9	-1.8	-0.5	-0.3	L0.5	-0.8	P0.1	L0.1	1.7	0.8	-0.2	-0.5	S2.2	C0.1	S0.9	C0.3	0.0	17.4
5.5	-0.7	-0.5	0.4	2.3	8.9	179	0	0	75	1.7	1.2	0.4	0.8	L0.													

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2016

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
G	SEXING MAGNUM MARIO 60327	840003010364074	99K	100	F	203JE1636			75	961	0.02	50	0.03	40	429	412	371	379	3.07
G	AHLEM PLUS CHEROKEE (6)	USA 073409323	80K	100	F	7JE1460			75	1055	-0.03	44	0.00	37	443	432	404	378	2.90
G	SEXING LEGAL TROLLEY 59617-ET	840003010363364	80K	100	F	151JE1615			74	793	0.07	51	0.04	35	489	466	411	371	2.90
G	SHAN-MAR ARCHER KNOCK-OUT-ET	USA 067460152	50K	100	F	14JE758			71	408	0.16	50	0.07	27	488	460	393	422	2.94
G	DUTCH HOLLOW DILLAN-P	USA 067485211	80K	100	F	200JE245			75	545	0.13	53	0.03	26	514	493	445	454	2.90
G	HILMAR ZIPPER RIDE-ET	USA 119225730	99K	100	F	7JE1512			74	940	-0.03	38	0.03	40	424	406	361	432	3.04
G	AHLEM PALMER SHIRE (6)	USA 074067459	99K	100	F	14JE718			73	992	-0.04	40	-0.03	28	451	450	448	382	2.85
G	RIVER VALLEY FLASH-ET	840003126479438	99K	100	F	7JE5040			72	1103	-0.03	47	0.03	44	384	367	324	289	3.03
G	JX ROCK SOLID CREATOR (4)	USA 067276461	80K	100	F	200JE248			75	937	-0.03	38	0.02	36	450	435	397	327	2.94
G	JX FOREST GLEN JUMBO JACKS (5)-ET	USA 067578725	99K	100	F	29JE4014			74	591	-0.01	27	0.06	32	415	386	317	347	2.83
G	GABYS ARCHER-ET	USA 118827461	80K	100	F	200JE912			75	1413	-0.14	40	-0.05	40	361	363	368	300	2.90
G	RECTORS SPARKY MOON	USA 067613300	80K	100	F	11JE1245			75	805	0.09	55	0.02	34	434	418	378	378	2.99
G	JX SEXING MAGNUM GRIFFIN 59338 (5)-ET	840003010363085	80K	100	C	203JE1611			75	798	0.10	57	0.03	33	478	463	426	438	3.04
G	JX JER BEL LION (5)	USA 118992941	80K	100	F	200JE1027			74	683	-0.03	28	0.02	29	461	441	392	367	2.82
G	FARIA BROTHERS DRAPER (4)-ET	840003011610014	50K	100	F	29JE3925			74	415	0.19	59	0.06	27	515	492	437	411	3.05
G	HI-LAND SCORE FORMIDABLE	USA 067247473	80K	100	F	1JE882			75	1434	-0.24	21	-0.07	37	395	403	422	383	2.92
G	ZIMM ALTAMERLIN	USA 067097790	99K	100	F	11JE1310			72	696	0.06	44	0.03	31	422	402	353	320	2.87
G	JX WILSONVIEW M/Z STORMY (4)-ET	USA 118313241	8K	100	C	97JE113			74	527	0.09	42	0.06	30	479	451	383	348	2.86
G	JX FARIA BROTHERS MATIC (5)	840003126051953	99K	100	F	200JE1044			71	1292	-0.02	59	0.02	48	384	368	328	294	3.00
G	KASH-IN SOLAR-PP-ET	840003126234075	99K	100	F	7JE1499			75	462	0.19	62	0.10	37	459	419	322	336	2.96
G	MVF AXIS TOPSY 2146-ET	USA 067442146	99K	100	F	203JE1628			76	1269	-0.17	27	-0.06	31	396	404	422	308	2.87
G	STEINHAUERS SAMSON LEMONHEAD	USA 118662185	80K	100	F	14JE670			75	315	0.15	45	0.07	26	448	419	349	405	2.96
G	AHLEM CHARLEMAGNE MERIT-ET	USA 074067518	99K	100	F	7JE1510			72	921	0.04	52	0.04	38	427	408	359	373	2.95
G	JX CDF SPARKY DANDY T239 (5)-ET	840003014258845	13K	100	F	203JE1612			74	763	-0.01	36	-0.01	25	418	412	399	411	2.92
G	RIVER VALLEY DETROIT-ET	USA 118604194	8K	100	C	97JE127			76	619	0.13	56	0.04	30	489	464	405	340	2.84
G	SHERKHOLME VIROQUA	CAN 012233842	99K	100	F	200JE1043			71	454	0.13	49	0.07	30	489	459	388	366	2.94
G	ALL LYNN'S CRITIC VINCA-ET	USA 118366481	80K	100	F	147JE6217			78	1401	-0.11	45	-0.05	39	434	441	457	322	3.08
G	SAND HILL FORMIDABLE KANDOR	USA 067388301	99K	100	F	29JE4028			71	1053	0.01	52	-0.03	31	449	452	458	425	3.03
G	SEXING NITRO LOTUS 61355-ET	840003010365102	80K	100	F	203JE1618			75	538	0.00	23	0.04	27	401	378	322	391	2.83
G	SUNSET CANYON DIXIES DELIGHT-ET	USA 118714060	80K	100	F	97JE135			75	1119	-0.05	43	-0.02	35	433	434	433	347	3.08
G	JX SEXING CRIS GORDON 59748 (4)-ET	840003010363495	80K	100	F	151JE1613			74	427	0.11	42	0.02	20	495	480	442	433	2.89
G	JX RIVER VALLEY PFENNIG PFLEX (5)-ET	840003013098048	80K	100	F	7JE5016			75	605	0.09	48	0.05	30	411	391	343	332	3.01
G	SUNSET CANYON MIRROR-ET	USA 118808990	13K	100	F	203JE1638			77	-54	0.26	50	0.11	21	489	451	360	443	3.04
G	SEXING LEGAL TANNER 59578-ET	840003010363325	80K	100	F	151JE1614			74	822	-0.01	36	0.01	30	398	389	365	332	2.95
G	BW DONE RIGHT	USA 118727686	80K	100	F	203JE1626			75	1047	-0.16	17	-0.08	21	370	384	418	386	2.86
G	BAR MB HILARIO KYLER	USA 067248721	80K	100	F	11JE1221			75	96	0.23	49	0.08	19	475	446	377	385	2.96
G	SANDCREEKS SCORE IAN-ET	840003011509908	99K	100	F	76JE172			77	1002	-0.15	18	-0.03	28	351	352	352	353	2.86
G	JX BW EMINENCE (4)-ET	840003126535918	99K	100	F	7JE1513			74	1316	-0.09	47	-0.04	38	361	366	375	257	3.06
G	O.F. BALLISTIC GREG	USA 067198214	99K	100	F	7JE1490			74	526	0.06	38	0.05	28	421	401	352	333	3.00
G	JX AHLEM JUMBO KAA (5)-ET	USA 074067472	99K	100	F	11JE1280			73	729	-0.03	30	0.00	25	382	377	364	305	3.01
G	CINNAMON RIDGE SNAPDRAGON	USA 118526173	80K	100	F	14JE661			75	815	0.05	49	0.00	30	385	373	342	259	2.88
G	REYLA BARNABAS CHANNING	CAN 109219334	99K	100	F	250JE1543			74	256	0.20	51	0.08	24	429	399	327	333	2.95
G	SUNSET CANYON DMITRY	USA 118376116	8K	100	F	97JE120			74	-44	0.25	47	0.11	21	480	439	341	371	2.93
G	CAL-MART SPARKY HONOK	USA 067244328	80K	100	C	29JE3954			75	511	-0.01	22	0.01	20	405	395	372	361	2.92
G	AHLEM VERNON VESPER 22137-ET	USA 072520583	13K	100	F	151JE28			75	1381	-0.21	24	-0.08	32	359	379	425	382	3.12
G	RIVER VALLEY GWEN GAMER-ET	840003126479479	99K	100	C	7JE5037			75	679	0.01	35	0.02	29	409	392	350	300	2.92
G	AHLEM SCORE QUIDDITCH	USA 071199883	80K	100	F	1JE885			75	585	-0.08	10	-0.01	19	383	375	357	362	2.80
G	JX GYPOS J CELTIC (5)	USA 119266841	13K	100	F	97JE148			72	781	-0.02	31	0.02	31	346	333	301	278	2.97
G	GRAZELAND LEMONHEAD DEVINCI	USA 119413681	29K	100	F	224JE2480			70	775	0.03	42	-0.01	27	362	354	335	321	2.93
G	JX AHLEM GALVANIZE WILDFIRE (5)	USA 071199911	80K	100	F	14JE660			76	997	-0.11	26	0.03	40	334	322	289	246	3.14
G	SUNSET CANYON MONTEE (6)-ET	USA 118846660	80K	100	F	97JE136			76	607	0.22	72	0.06	34	428	403	343	349	3.07
G	GABYS VOLCANO WARREN	USA 118664132	80K	100	F	97JE133			75	599	0.02	33	0.00	22	375	366	345	343	2.92
G	ISDK VJ HIHL	DNK 000303812	50K	100	F	236JE162			72	-134	0.25	43	0.15	24	384	327	192	341	2.71
G	DUPAT BRIER 476-ET	USA 067163476	13K	100	C	44JE529			75	1418	-0.16	36	-0.01	46	295	287	266	232	2.92
G	DP MEGATRON MONACO-ET	USA 118831668	13K	100	F	97JE137			75	298	0.28	70	0.07	26	439	412	345	313	3.04
G	RIVER VALLEY CECE CHROME-ET	840003012423929	80K	100	F	7JE5004			76	348	0.12	40	0.03	17	399	384	348	337	2.89
G	ORTHTRIDGE LATER	840003010771740	80K	100	F	507JE1352			75	863	-0.10	22	-0.01	28	344	340	330	324	2.99
G	BW PURITAN	USA 118823784	99K	100	F	203JE1606			75	365	0.18	53	0.04	22	450	433	392	328	3.06
G	RIVER VALLEY POSTERBOY	840003126479339	99K	100	F	7JE5043			72	565	0.17	60	0.05	29	404	384	335	282	3.01
G	JER-Z-BOYS PLUTO (6)-ET	USA 118884723	8K	100	F	97JE139			75	677	0.12	57	0.03	30	384	365	319	350	2.90
G	AHLEM PRESCOTT CALYPSO-ET	USA 071199843	80K	100	F	7JE1350			76	1154	-0.16	22	-0.06	29	318	323	334	282	2.81
G	WILSONVIEW PERFORM MACHETE-ET	USA 118392732	80K	100	F	97JE115			76	563	0.12	51	0.04	27	379	362	318	292	2.96
G	SUNSET CANYON SPARKY MEGLADON	USA 119018886	13K	100	F	97JE142			74	477	0.08	37	0.04	25	360	344	304	283	3.06
G	SUNSET CANYON MAGNETIC-ET	USA 118532372	80K	100	F	97JE123			76	-101	0.37	67	0.12	19	445	407	316	340	2.99
G	JX SEXING PERFORM GALEN 2703 (5)-ET	USA 071711562	80K	100	F	203JE1608			75	801	-0.04	30	-0.02	24	348	346	342	274	2.90
G	BLUE MIST MEGABUCK-ET	USA 118769453	80K	100	F	200JE1012			75	166	0.19	46	0.06	17	398	376	324	344	2.99
G	JX MILK-N-MORE-LH IRWIN GARY (4)	USA 118449199	80K	100	C	14JE663			75	1019	-0.13	22	-0.01	34	290	288	281	195	3.09
G	AHLEM FASTRACK PATRIOT 21976-ET	USA 071199791	80K	100	F	91JE5550			76	262	0.10	33	0.05	18	364	345	300	303	2.93
G	DUPAT BRIER 474-ET	USA 067163474	13K	100	C	44JE528			74	1400	-0.13	41	-0.02	45	252	246	231	195	2.96
G	AHLEM MEGATRON WINDSTAR-ET	USA 072520611	80K	100	F	7JE1411			74	19	0.28	56	0.11	22	384	345	252	289	2.95
G	SUNNYDAWN OLYMPIAN	GBR 000055862	8K	100		224JE2370			71	83	0.14	31	0.07	14					

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2016

PL	DPR	CCR	HCR	LIV	EFI	JPI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
2.7	0.3	0.5	0.1	-0.6	7.6	169	0	0	74	1.1	1.1	0.9	1.2	L0.5	0.6	S0.1	S0.3	1.1	1.9	0.9	0.7	S0.8	W0.3	L0.8	W0.2	B0.2	12.9
3.6	-0.3	0.6	-1.2	-2.8	8.7	169	0	0	74	1.8	1.6	-0.1	1.3	H0.2	0.5	P0.3	S0.7	1.3	1.9	1.0	-0.2	S1.6	C0.1	L0.4	C0.1	C0.3	15.1
5.0	-1.5	-0.6	2.2	-0.8	8.6	169	0	0	75	0.4	-0.6	-0.5	0.6	L0.5	-0.8	S0.1	S0.7	-0.1	-0.1	0.4	1.0	S0.7	C0.5	S0.4	C1.6	B0.3	8.0
4.7	0.9	0.1	0.2	0.4	8.4	169	0	0	71	1.5	1.2	0.5	1.2	H0.4	0.7	P0.1	S1.4	2.2	1.2	0.9	0.6	S2.2	C1.7	0.0	C0.7	C0.4	25.0
5.6	1.1	1.1	0.6	1.1	9.2	169	0	0	74	1.6	1.4	0.2	0.5	L1.1	0.3	P0.4	S0.7	1.6	1.5	0.4	-0.5	S1.8	0.0	L0.2	W0.2	C0.4	14.9
3.0	2.5	3.2	2.1	0.8	5.9	168	0	0	72	0.2	-0.7	0.0	0.0	L0.6	0.1	0.0	L0.5	-0.8	0.5	0.0	0.7	D0.2	W0.9	L0.7	W1.1	C0.1	-2.0
5.8	0.2	-0.1	-0.2	1.3	8.1	168	0	0	72	1.5	1.0	0.4	0.8	L0.7	0.2	P0.3	S0.6	1.9	1.2	0.6	0.3	S1.6	C1.1	S0.9	C0.1	C0.6	20.7
1.7	-1.9	-1.6	0.2	-2.0	8.5	166	0	0	72	1.7	2.7	1.1	1.2	L0.6	1.1	0.0	S0.7	2.0	1.8	0.9	0.3	S2.0	C0.2	L0.9	W0.7	C0.4	20.1
5.7	-1.6	-1.1	0.5	2.7	7.9	166	0	0	74	1.0	0.6	0.2	0.9	L0.4	0.4	0.0	S0.2	0.6	0.9	0.7	1.1	S0.7	C1.2	S0.4	C1.5	B0.1	14.0
4.1	0.4	0.7	0.5	1.3	8.2	166	0	0	72	1.2	1.3	0.9	0.6	L0.2	0.6	P0.3	S0.3	1.8	1.8	0.4	0.7	S2.2	C0.5	0.0	C1.0	B0.2	23.8
2.3	-1.1	-0.9	0.6	-0.7	8.5	165	0	0	74	1.4	1.6	0.8	1.3	H0.1	0.8	S0.2	S0.4	1.6	0.9	1.0	0.3	S2.0	C0.2	L0.6	C0.7	C0.3	17.2
3.0	0.2	-0.2	2.1	0.4	9.2	165	0	0	75	1.2	1.3	-0.2	1.1	L1.6	0.4	S0.3	L0.3	0.3	1.1	0.8	0.8	S1.1	C1.0	L0.4	C1.2	C1.3	12.6
4.5	1.7	0.4	-0.8	2.0	7.5	165	0	0	73	0.7	0.3	0.0	0.3	L1.5	-0.3	S0.6	L0.4	-0.1	0.9	0.3	0.6	S0.1	C0.3	L0.2	C0.8	C0.4	4.7
6.4	-0.2	0.3	1.6	1.3	7.8	164	0	0	73	1.2	2.1	0.1	1.0	H0.7	0.5	P0.3	S0.7	1.7	1.3	0.7	-0.1	S1.9	W0.3	L0.4	C0.1	C0.5	16.1
5.6	-0.9	0.2	1.0	2.1	5.9	164	0	0	71	1.2	0.8	-0.5	0.7	H0.1	0.2	P0.6	S1.0	2.0	1.7	0.5	0.0	S2.2	C0.2	S0.6	C0.6	C0.9	22.2
5.0	1.4	2.3	0.7	2.8	8.3	163	0	0	74	1.0	-0.3	-0.3	1.0	L2.2	-0.7	S0.3	L0.1	-0.5	1.6	0.7	1.2	D0.7	W0.2	S0.3	W0.5	C0.2	4.0
3.7	-1.0	-2.5	-0.9	0.1	9.3	163	0	0	72	2.0	2.5	0.9	0.8	L1.1	1.3	P0.1	S0.9	2.6	2.4	0.6	0.3	S2.9	C1.3	L0.1	C0.2	C0.6	30.5
5.7	-1.4	-0.7	0.1	1.6	6.6	163	0	0	71	1.4	0.5	0.3	0.5	H1.0	0.6	P0.8	S0.4	1.7	1.3	0.4	0.1	S1.9	0.0	S0.4	C0.7	B0.2	18.6
0.7	-1.7	-2.3	0.2	-0.2	7.4	162	0	0	70	0.6	1.9	0.4	0.9	L1.7	0.5	S0.5	S0.1	-0.4	0.2	0.6	0.0	S0.3	C0.1	S0.4	C0.3	B0.1	1.5
2.4	-2.0	-0.9	1.8	-0.8	8.2	162	0	0	74	1.2	1.4	0.0	1.2	0.0	0.3	S0.5	S0.2	0.6	1.1	0.9	0.2	S1.2	C0.6	S0.1	C0.4	C0.1	12.1
5.5	-1.5	-1.0	2.5	1.6	9.5	162	0	0	74	2.6	1.7	0.9	2.1	H0.1	1.0	P1.0	S0.6	2.2	2.9	1.6	1.1	S0.7	C2.0	L0.5	C0.5	B0.6	23.6
4.2	1.3	2.0	0.9	1.8	8.8	162	0	0	75	2.0	2.6	0.7	1.2	L0.5	1.1	P0.2	S0.9	1.7	1.8	0.9	0.7	S1.9	C1.7	L0.2	C1.6	C0.9	23.5
2.5	0.2	0.6	0.2	-0.9	8.5	161	0	0	72	0.6	0.9	0.3	0.6	L0.8	0.3	S0.7	S0.6	0.5	0.4	0.4	-0.2	S0.4	C0.3	L0.4	C0.8	C0.7	3.4
5.3	2.1	2.9	3.3	1.9	8.5	161	0	0	73	0.7	1.5	0.6	-0.2	L0.9	1.1	P0.4	S0.5	0.4	-0.6	-0.2	0.8	S1.7	C0.7	S0.1	C1.3	C0.9	12.0
5.3	-2.3	-1.5	0.2	-0.2	8.5	160	0	0	75	1.4	1.0	0.2	1.3	L0.6	0.1	S0.1	S0.3	1.0	1.1	1.0	0.5	S1.1	0.0	S0.2	C0.3	C0.1	13.4
5.3	-1.1	-1.2	0.2	-1.9	7.9	160	0	0	71	1.5	0.9	-0.5	1.3	L0.6	-0.5	S0.3	S0.4	0.9	1.8	1.0	0.8	S1.8	W0.1	L0.5	W0.3	B0.1	17.9
5.3	-2.3	-1.1	0.4	0.5	9.7	159	0	0	77	1.1	-0.1	-0.4	1.0	L0.1	0.1	P0.1	S0.3	0.6	1.0	0.7	0.5	S0.7	W0.5	L0.2	C0.3	B0.1	8.6
4.7	1.2	1.8	0.8	1.2	7.4	159	0	0	71	1.1	-0.2	-0.1	1.1	L1.6	-0.2	S0.5	L0.3	-0.5	1.7	0.8	1.2	D0.7	W0.2	S0.1	C0.5	C0.1	3.9
3.8	2.2	2.4	1.7	2.9	9.0	159	0	0	74	1.5	1.7	0.4	0.5	H0.7	0.6	P0.6	S1.3	1.7	0.6	0.4	0.6	S2.4	C0.8	L0.9	C0.7	C0.2	20.1
4.8	-1.2	-0.8	0.1	1.3	9.0	157	0	0	75	1.2	-0.6	-0.5	0.9	H0.3	-0.5	P0.4	S0.5	1.1	1.5	0.7	0.6	S1.4	C0.3	L0.3	W0.2	0.0	16.0
6.6	1.2	0.8	0.3	1.1	6.4	157	0	0	72	0.6	-1.2	-1.1	-0.2	H1.3	-0.7	P0.1	L0.1	1.7	1.2	-0.2	0.1	S2.2	C0.5	L0.2	C1.6	B0.5	19.3
3.1	-1.2	0.7	2.8	-0.4	7.5	153	0	0	74	1.6	0.3	0.2	1.3	L1.4	-0.1	S0.7	S0.3	1.1	2.1	1.0	1.1	S1.6	C1.3	L0.3	C1.9	C0.2	21.7
5.4	2.1	1.9	1.6	2.2	8.2	153	0	0	76	1.0	1.4	0.5	0.5	L0.6	0.9	P0.5	S0.6	1.2	1.0	0.4	0.2	S2.3	W1.0	L0.9	W0.2	C0.6	15.0
4.4	-0.2	-0.1	1.3	-0.7	8.7	152	0	0	75	0.7	0.5	0.3	0.6	L0.4	-0.1	S0.1	S0.6	0.8	0.7	0.5	1.2	S1.5	C0.5	L0.1	C1.6	B0.3	16.5
6.0	2.4	3.0	2.0	2.8	6.7	152	0	0	73	1.0	0.0	0.3	0.4	H1.2	0.3	S0.5	L0.4	2.2	1.4	0.3	-0.7	S2.1	C0.3	S1.0	C0.4	B0.4	19.7
5.6	0.1	-0.5	1.3	1.8	8.8	152	0	0	75	1.8	1.5	0.8	0.9	H0.2	1.4	P0.8	S1.4	2.8	1.7	0.7	0.5	S2.5	C0.6	S0.1	C1.1	C0.3	27.8
3.8	1.5	2.5	3.2	1.7	8.3	151	0	0	75	1.3	1.0	-0.3	1.5	L1.2	0.2	S0.7	S0.7	0.8	1.6	1.1	1.1	S0.8	C1.4	L0.2	C1.0	B0.1	16.1
3.0	-2.8	-2.0	1.8	-0.5	7.1	150	0	0	73	1.5	1.9	-0.2	1.9	L2.7	-0.4	S0.7	L0.4	0.5	2.1	1.4	0.7	S0.9	C1.8	S0.5	C0.8	B0.2	17.0
5.0	-0.5	0.2	1.8	2.1	6.9	149	0	0	72	1.2	0.4	-0.6	0.7	L1.5	-0.4	S0.3	L0.1	0.7	1.3	0.6	0.6	S1.0	C1.5	S1.6	C0.4	C0.9	17.2
5.5	-0.5	-0.2	0.7	1.1	6.9	148	0	0	71	1.8	2.6	1.2	1.0	L0.1	1.1	P0.5	S0.7	2.6	1.9	0.7	1.3	S3.0	C0.3	L1.2	C1.6	B0.6	30.5
3.2	-2.9	-2.4	1.1	0.7	9.5	146	0	0	74	2.0	2.8	1.0	1.9	L0.2	1.7	P0.4	S1.1	1.7	1.9	1.4	0.7	S1.9	C0.6	L0.3	C0.9	C0.6	22.1
3.5	-0.8	-0.8	0.5	0.4	7.0	146	0	0	71	1.7	1.7	0.8	1.2	L0.2	0.9	P0.7	S1.0	2.2	2.0	0.9	0.5	S2.5	C0.5	L0.1	C0.6	0.0	26.1
5.6	-0.2	-0.2	2.6	0.8	8.5	145	0	0	73	1.3	0.5	-0.7	1.5	L0.8	-0.1	0.0	S0.4	0.6	1.1	1.1	1.0	S0.5	C0.8	S1.2	C1.2	C0.1	14.1
5.6	0.9	0.6	1.7	1.6	9.0	145	0	0	75	1.4	-0.3	-0.8	0.3	H0.6	0.2	P1.0	S0.9	2.3	1.1	0.2	0.0	S3.6	C1.1	L0.1	C1.5	C1.2	28.2
5.1	2.5	2.5	0.6	2.4	8.4	144	0	0	74	0.6	0.8	0.1	1.1	L1.0	0.0	P0.1	S0.2	-0.5	1.0	0.8	0.2	D0.1	W0.1	S0.1	C0.7	C0.2	1.3
4.4	-1.7	-1.2	1.1	-1.9	8.8	144	0	0	73	1.8	1.0	0.1	1.5	H0.1	0.5	P0.6	S0.9	1.4	2.4	1.2	0.3	S1.4	C0.3	S0.2	C0.7	C0.1	18.9
5.7	1.5	2.3	2.6	1.4	7.4	144	0	0	73	1.0	-0.4	-1.7	0.9	L0.6	-0.9	S0.8	0.0	1.1	2.1	0.7	0.8	S2.3	C0.7	S0.8	C1.1	C0.2	24.8
3.0	-0.6	-0.5	-0.1	-2.6	7.1	142	0	0	70	1.6	1.4	0.6	0.9	H0.7	0.9	P0.5	S0.9	1.8	1.6	0.7	1.0	S1.7	C0.9	L0.5	C0.1	B0.3	21.9
3.1	0.5	0.4	-1.5	-0.4	8.5	142	0	0	70	1.7	2.7	1.0	1.3	L0.2	1.3	0.0	S0.9	1.3	1.3	1.0	0.9	S1.2	C1.9	L0.3	C0.9	0.0	18.6
3.2	-1.4	-1.6	0.7	-1.0	9.5	141	0	0	75	1.7	0.9	0.1	1.7	L1.3	-0.1	S1.0	L0.2	0.5	2.2	1.3	1.1	S0.5	C0.8	L0.1	C0.8	0.0	14.6
1.7	-0.7	-0.5	-1.5	-2.9	7.1	141	0	0	75	1.1	1.8	0.6	1.3	H0.1	0.4	0.0	S0.6	0.4	1.2	0.9	-0.7	S0.3	W0.4	L0.9	W1.1	0.0	0.9
3.9	0.6	1.5	2.9	0.6	8.5	141	0	0	74	1.3	0.7	0.3	0.8	H0.1	0.6	P0.3	S0.9	1.8	1.3	0.6	0.5	S1.9	C0.5	L0.3	C1.0	B0.3	20.0
1.3	1.4	1.6	2.9	-0.2	3.7	140	0	0	67	-0.1	2.0	0.7	-0.4	L1.2	0.9	S0.1	S0.3	0.3	-0.3	-0.3	-0.2	S1.8	W0.6	L0.6	C0.1	C0.3	6.0
0.5	-1.1	1.3	-2.2	-2.2	8.6	139	0	0	74	0.8	1.1	0.7	0.														

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2016

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
G	AHLEM TOPEKA RUFUS	USA 072520562	80K	100	F	11JE1213			75	-77	0.16	27	0.08	15	327	300	235	255	3.08
G	TOG ZORRO-PP-ET	840003125202110	13K	100	F	54JE626			74	-303	0.25	35	0.08	5	384	355	285	342	2.83
G	LEGENDAIRY TOPEKA HAILSTORM-ET	USA 118611817	8K	100	F	97JE125			75	454	0.11	44	0.06	26	299	283	242	236	3.13
G	SUN VALLEY MARVEL KASCADE-ET	USA 118392004	80K	100	C	97JE121			75	582	0.00	27	0.02	23	343	330	300	270	2.90
G	ALL LYNNS VERNON MACARTHUR-ET	USA 118612153	80K	100	F	202JE601			75	169	0.17	43	0.08	22	345	319	257	311	3.12
G	AHLEM BALIN-ET	USA 072520700	80K	100	F	200JE1014			76	-125	0.13	20	0.03	1	355	344	318	321	2.90
G	DNK ADELGAARD HICKEY HOLGER	DNK 344802879	80K	100	F	14JE665			67	-471	0.28	31	0.15	10	369	321	208	375	2.82
G	MULTI-ROSE CREDIBULL COMET-PP-ET	840003014373525	13K	100	F	54JE625			74	626	0.04	36	0.01	23	293	287	270	222	3.02
G	HOMETOWN SAMSON GENUINE-ET	USA 118400893	80K	100	F	91JE5519			77	523	0.03	32	0.00	19	284	274	251	172	2.85
G	ALL LYNNS REGION VENDOR-ET	USA 117483376	50K	100	F	97JE107			78	672	0.07	46	0.04	31	311	298	263	181	3.17
G	HOMETOWN IRWIN ATTRACTION 83A	CAN 011879369	80K	100	F	91JE5592			75	603	-0.01	26	0.02	25	290	275	238	186	2.91
G	HEARTLAND IRWIN TEXAS-ET	USA 067312531	80K	100	F	7JE1354			78	423	-0.06	9	0.03	19	292	279	247	170	2.93
G	BLUE MIST MARVEL MAGIC-ET	USA 118703307	8K	100	F	97JE132			74	304	0.13	40	0.03	15	307	299	278	240	3.07
G	BUTTERCREST SAVVY	USA 118695189	80K	100	F	7JE1409			74	580	0.01	30	-0.03	14	296	305	325	289	3.11
G	GABYS TAG CLARK-ET	CAN 107007856	50K	100	F	147JE207			76	-111	0.29	51	0.10	17	356	324	248	309	3.11
G	BW GALAHAD-ET	USA 118888884	13K	100	F	203JE1607			75	49	0.05	11	0.02	6	309	296	265	227	2.83
G	EVANGELO DEL PRIMERO	USA 067172944	80K	100	F	14JE682			74	-676	0.23	12	0.10	-4	346	316	245	313	2.97
G	S & B PT MARVEL MY GUY-ET	USA 067110855	8K	100	F	566JE101			74	648	-0.02	28	0.01	25	283	273	247	174	2.95
G	HOMETOWN CATAPULT-P-ET	USA 118400884	80K	100	F	91JE5502			77	88	0.16	35	0.03	11	308	291	250	220	2.93
G	WILSONVIEW IF MATT-ET	USA 118367941	80K	100	F	7JE1344			77	222	0.07	24	0.06	21	242	218	160	156	3.02
G	SUN VALLEY TOPEKA POLYPRO-ET	USA 118565536	80K	100	C	97JE126			76	295	0.07	30	0.08	27	248	220	151	167	3.10
G	SPRING CREEK TOPEKA IVER-ET	USA 118393621	80K	100	F	14JE680			75	58	0.18	39	0.08	17	287	259	190	163	2.95
G	RIVER VALLEY VICTORIOUS-ET	840003126479524	99K	100	F	7JE5032			75	-129	0.11	16	0.07	8	270	247	193	181	2.93
G	HILMAR PAUL RANCHO (5)	USA 118378707	8K	100	F	147JE6220			75	423	0.09	37	0.05	25	244	225	178	132	3.06
G	HILMAR PAUL BRONCO (5)-ET	USA 118381604	80K	100	F	147JE6219			77	599	0.04	36	0.04	28	205	190	154	94	3.10
G	ALL LYNNS TBONE MAJOR-ET	USA 117043934	50K	100	C	97JE103			77	-345	0.25	33	0.11	8	251	223	153	216	3.11
G	RIBBLESDALE BEAUMONT	GBR 000055792	8K	100	F	224JE2336			69	-344	0.29	40	0.11	7	190	158	80	171	2.90
G	HOMETOWN BRANSON ADVANTAGE-ET	USA 117967111	50K	100	F	91JE5478			76	-59	0.11	18	0.06	10	194	170	112	131	2.89
G	SPRUCE-H CHRIS-PP-ET	USA 067106207	8K	100	C	202JE602			74	-12	0.19	36	0.04	7	204	191	159	84	3.00
G	HOMETOWN MERCHANT ANDRETTI-ET	CAN 011295001	50K	100	C	91JE5453			76	507	0.07	39	0.03	25	116	103	70	36	3.10
G	HOMETOWN GAMEPLAN-ET	USA 118406769	80K	100	F	91JE5521			77	-443	0.20	17	0.07	-1	160	141	94	125	3.04
G	BW ARMISTICE-ET	USA 117795635	50K	100	C	44JE521			77	-117	0.10	14	0.04	3	145	138	120	108	3.12
G	BW ATLAS-ET	USA 117799901	50K	100	F	44JE520			78	536	0.02	28	-0.03	14	99	106	122	-4	3.08
G	SAXOWN KAISER CHIEF	GBR 000055717	8K	100	F	224JE2316			71	380	-0.10	-1	-0.03	7	69	76	90	45	2.97
G	CLOONEY CONQUERER-ET	GBR 000055781	8K	100	F	224JE2329			75	-354	0.18	19	0.07	1	129	106	54	71	2.94
G	RIVER VALLEY SPICE SHOWDOWN	840003012423904	80K	100	F	7JE5015			75	-707	0.21	4	0.13	-2	132	101	26	104	3.10
G	HOMETOWN IRRESISTABLE-ET	CAN 011611206	80K	100	F	91JE5520			76	-191	0.04	-1	0.01	-4	82	81	80	29	3.07
G	CHILLI IRWIN CAJUN-ET	USA 071577244	80K	100	F	97JE124			77	-600	0.11	-9	0.08	-6	75	53	1	4	2.98
G	COVINGTON MILAD TRISTRAM-P	USA 118541332	80K	100	F	566JE102			74	-625	0.21	10	0.07	-9	88	69	26	24	2.97
G	ROYALTY RIDGE MB FULL THROTTLE	USA 118534918	80K	100	F	147JE6221			74	-746	0.14	-9	0.07	-15	81	67	33	63	2.97
G	RIVER VALLEY RICKI ROCKSTAR	840003126479237	99K	100	F	200JE10009			71	-1030	0.21	-10	0.08	-23	56	40	5	47	2.96
G	GOLDEN TOPEKA DRAGON-ET	CAN 011664219	80K	100	F	91JE5591			75	-625	0.23	14	0.06	-12	71	63	42	-11	3.14
G	COLTON FLAME FIREMAN	USA 118155636	99K	100	F	94JE4004			74	-969	0.20	-9	0.09	-18	-15	-31	-70	-36	3.11
G	PLEASANT NOOK WR HG VENUE	CAN 011950642	80K	100	F	91JE5604			74	-1563	0.39	-1	0.17	-23	9	-30	-124	37	3.08
G	RIVER VALLEY VENUS V I P-ET	840003126479167	99K	100	F	200JE10003			74	-1194	0.20	-20	0.09	-28	-61	-72	-98	-38	3.10
G	SUNNYDAWN GLADIATOR	GBR 000055749	8K	100	F	224JE2323			70	-261	0.01	-12	0.01	-11	-152	-144	-125	-108	3.08
G	J-KAY TEQUILA FIZZ	USA 067060052	99K	100	F	7JE1486			74	-1219	0.19	-24	0.07	-32	-206	-212	-226	-257	3.11
G	PLEASANT NOOK WR TEQUILAS VENOM-ET	CAN 011950641	80K	100	F	91JE5603			73	-1963	0.43	-13	0.19	-33	-183	-221	-314	-199	3.25
G	PAYNESIDE GAME CHANGER	CAN 011830110	99K	100	F	94JE4029			74	-1238	0.16	-30	0.06	-33	-262	-264	-269	-260	3.21
G	SNAFU HOLBRIC BILLINGS	USA 119166365	99K	100	F	94JE3986			74	-1362	0.26	-17	0.13	-25	-311	-330	-377	-351	3.30
G	HOMETOWN INCENTIVE-ET	USA 118407078	80K	100	F	91JE5503			75	-1386	0.18	-34	0.06	-39	-308	-310	-313	-306	3.11

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PL	DPR	CCR	HCR	LIV	EFI	JPI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
3.6	-0.4	-0.6	1.9	-2.2	8.0	111	0	0	74	2.2	1.3	0.0	1.7	L0.3	0.3	P0.5	S1.0	2.4	2.6	1.3	0.9	S3.4	C0.9	L0.3	C0.9	B0.1	34.2
5.1	1.7	1.3	1.3	0.1	7.9	111	0	0	72	0.9	1.2	0.4	0.2	H0.2	0.2	S0.1	S1.1	1.3	0.9	0.2	0.9	S2.3	0.0	L0.5	C0.5	0.0	19.8
1.5	-1.0	-0.9	1.2	-2.7	6.9	109	0	0	74	1.4	1.4	0.9	1.4	L0.9	0.5	P0.6	S0.6	0.9	1.5	1.1	0.7	S1.0	W0.3	L0.7	C0.7	C0.4	12.5
4.2	-0.1	-1.5	-1.5	1.1	6.9	109	0	0	73	0.6	-1.0	-0.6	0.8	H0.7	-0.4	0.0	S0.1	0.0	1.3	0.6	0.0	D0.2	W0.5	S0.3	W0.4	B0.4	2.1
2.8	1.2	1.5	-0.5	0.7	5.9	109	0	0	72	0.2	-0.5	-0.4	0.1	0.0	-0.6	S0.3	L0.1	0.2	0.1	0.1	-0.1	S0.5	C0.1	S0.3	W0.7	C0.1	3.5
6.1	1.5	0.8	1.0	2.3	8.9	109	0	0	75	2.4	1.9	-0.8	1.8	H0.7	0.5	P0.2	S1.4	2.7	2.3	1.3	1.6	S3.8	C1.0	L0.2	C1.6	B0.4	39.4
3.0	3.3	3.7	3.0	0.6	1.6	108	0	0	59	-0.9	-1.2	-0.3	-1.3	H0.4	-0.4	P0.5	S0.6	0.6	-0.5	-1.0	-0.4	S0.8	W0.6	L0.2	C0.1	C0.3	1.6
2.5	-1.2	-1.1	-0.1	0.5	7.1	107	0	0	72	0.8	0.0	0.2	0.0	L0.1	0.2	S0.3	S0.2	1.4	1.2	0.0	0.1	S1.7	W0.3	L0.3	C0.2	B0.6	14.8
2.9	-2.8	-2.1	1.6	2.4	9.6	106	0	0	76	1.6	2.0	0.3	1.1	L0.3	0.6	P0.1	S0.8	1.8	1.3	0.8	0.4	S2.1	C0.8	0.0	C1.3	C0.3	21.5
2.5	-3.3	-2.3	-0.6	1.4	8.7	104	0	0	77	0.4	-0.5	0.1	0.6	H0.3	0.0	S0.4	S0.2	0.9	0.6	0.4	0.1	S0.5	W0.8	L0.4	W0.3	B0.5	5.4
2.7	-1.8	-3.2	-1.0	-0.2	8.9	104	0	0	74	1.3	0.6	-0.9	1.4	L0.6	-0.9	S0.3	L0.2	0.8	2.0	1.1	-0.1	S1.0	C0.2	S0.7	0.0	C0.2	13.3
4.5	-2.5	-2.8	0.5	-0.6	9.0	104	2	6	79	1.8	-0.5	-0.5	1.0	L0.4	-0.4	P0.6	S0.2	2.6	3.0	0.7	0.1	S2.9	C0.6	S0.6	0.0	B0.6	31.4
3.5	-0.7	-0.7	0.6	2.0	7.3	104	0	0	73	1.3	0.7	0.4	0.5	H0.7	0.8	P0.3	S0.8	1.9	0.7	0.4	0.5	S2.0	C1.2	S0.6	C0.3	C0.6	21.8
4.0	0.8	1.4	1.5	1.9	8.2	103	0	0	73	1.7	1.5	-0.5	1.6	H0.3	0.5	P0.6	S0.5	1.0	2.0	1.2	0.5	S1.4	C0.9	0.0	C1.4	C0.1	17.9
3.2	1.0	1.5	-0.2	0.5	6.4	102	2	3	77	0.2	0.4	0.7	-0.4	L0.6	0.3	S0.2	S0.5	0.7	0.1	-0.3	-0.7	S2.0	C0.2	S0.2	C0.3	C1.5	1.3
6.1	-0.1	-1.0	-0.1	2.2	9.8	97	0	0	75	1.7	0.5	0.2	0.4	H0.4	0.0	P0.1	S0.1	3.0	1.8	0.3	-0.1	S2.9	C1.0	S0.3	C0.3	C0.2	29.0
6.9	2.2	3.2	1.2	3.2	7.2	96	0	0	73	2.3	1.7	0.7	0.6	H0.8	1.1	P0.6	S1.3	3.3	2.2	0.5	0.6	S3.8	C0.5	S0.3	C0.7	B0.1	37.2
3.1	-2.4	-1.8	-0.3	0.4	7.9	95	1	2	74	0.6	-0.8	-0.9	0.4	H0.4	-0.6	P0.1	L0.2	0.5	0.5	0.3	-0.6	S0.6	W0.6	L0.1	W0.2	C0.1	2.4
3.9	-0.7	-2.2	-0.6	-0.2	9.6	95	0	0	76	0.9	0.6	0.3	-0.1	0.0	0.5	P0.3	S0.6	2.1	0.4	-0.1	0.4	S2.6	C0.1	L0.5	C0.3	B0.2	20.7
1.6	-1.7	-1.8	0.9	0.6	10.1	94	0	0	76	1.6	1.0	0.3	1.2	L0.7	0.2	S0.3	S0.6	2.0	1.6	0.9	0.6	S1.6	C2.0	L0.1	C0.4	C0.3	22.7
1.0	-1.4	-1.4	0.2	-2.5	7.8	91	0	0	75	1.1	1.3	0.4	1.3	L1.7	0.3	P0.3	S0.4	0.4	1.5	1.0	0.2	S0.5	W0.5	S0.1	C0.3	0.0	7.7
2.0	-2.8	-2.1	0.4	-2.3	7.1	91	0	0	74	1.7	1.5	0.2	1.2	L1.6	0.2	P0.4	S0.5	1.1	2.0	0.9	0.4	S2.0	C0.3	S0.6	W0.2	C0.2	20.8
3.9	-1.0	-1.7	0.2	-0.8	7.8	90	0	0	72	1.8	1.1	-0.1	0.9	H0.5	0.7	P0.8	S0.6	3.1	2.1	0.7	0.5	S3.5	C1.9	S0.6	C0.8	B0.2	37.0
1.2	-2.7	-3.0	-0.9	-1.3	8.8	86	0	0	75	1.1	1.2	-0.1	1.4	L0.6	-0.1	S0.1	S0.5	0.6	1.1	1.0	0.7	S0.4	C0.8	L0.1	C0.8	B0.1	10.2
0.4	-3.3	-2.7	-0.8	-2.2	9.5	77	0	0	77	0.8	0.5	-0.5	1.1	L0.7	-0.8	S0.9	L0.1	-0.3	0.7	0.8	0.7	D0.5	C1.2	S0.3	C0.8	B0.1	3.3
2.2	0.4	1.4	2.1	1.7	9.7	69	2	3	78	0.7	-0.5	0.1	0.4	L0.4	-0.1	S0.1	S1.1	0.7	0.1	0.3	0.3	S0.4	C2.0	S0.5	C0.9	B0.3	9.1
-0.3	0.7	1.6	-1.0	0.0	4.5	66	0	0	67	0.3	1.3	0.9	-0.1	L0.4	0.8	S0.6	S0.1	0.9	-0.2	-0.1	0.2	S1.3	C0.9	S0.8	W0.3	C0.3	11.8
1.8	-0.4	-1.3	-0.2	-0.7	10.1	63	0	0	76	1.0	1.6	-0.2	0.9	L1.3	-0.2	P0.1	L0.1	0.2	1.0	0.7	0.5	S0.9	C0.6	S0.7	C1.6	C0.4	11.3
2.2	-3.5	-1.8	1.2	0.5	8.8	54	0	0	73	1.1	-0.2	-0.1	1.1	H1.0	0.1	S0.3	L0.2	0.9	1.0	0.9	0.9	S1.0	C0.2	S0.4	C1.7	B0.6	14.5
-1.9	-2.6	-3.4	-2.4	-3.0	8.6	44	0	0	76	0.4	1.5	0.2	1.1	L1.1	0.0	P0.4	L0.3	-1.0	0.4	0.8	-0.2	D1.0	W1.0	L0.2	C0.7	C0.7	-9.3
1.8	-0.1	-0.2	1.8	0.2	8.1	41	0	0	75	1.5	0.2	-0.6	0.8	H1.2	0.2	P0.1	S0.5	1.6	1.6	0.6	0.3	S1.9	C0.7	L0.1	C0.5	B0.3	19.9
2.7	-0.1	0.1	-0.9	-0.4	8.7	36	0	0	77	1.1	0.2	-0.3	0.8	L0.5	-0.3	S0.3	0.0	0.9	1.2	0.6	0.2	S0.8	C0.5	S0.5	C1.2	C0.5	11.9
0.9	-3.6	-3.4	-1.9	-1.5	8.8	31	0	0	77	0.5	0.7	-0.2	1.5	L1.1	-0.3	S0.9	L0.9	-0.1	0.9	1.1	-0.4	D0.1	W0.3	S0.6	C0.2	C0.4	0.6
1.1	-0.9	-0.1	-0.6	1.1	7.0	31	0	0	70	0.5	0.1	-0.3	0.8	H0.8	0.2	P0.1	S0.5	1.2	0.8	0.6	-0.7	S1.3	C0.1	S0.5	W0.8	B0.2	10.2
0.7	-0.9	-1.2	-0.7	-2.6	9.6	31	0	0	74	1.0	-0.3	0.5	0.5	H0.4	0.5	P0.7	S0.6	1.5	0.9	0.4	0.4	S0.9	C1.3	L0.3	C1.7	B0.2	14.0
2.3	1.0	0.1	0.6	0.9	6.1	24	0	0	73	1.2	1.0	0.3	1.1	H1.8	0.7	P0.7	S1.2	1.5	0.3	0.8	0.2	S1.2	C0.3	L0.2	C0.3	C0.1	12.1
2.9	-1.0	-2.0	-0.1	1.1	7.9	17	0	0	74	1.3	0.6	-0.3	0.1	H0.5	0.0	P0.5	S0.5	2.4	1.5	0.1	-0.8	S2.9	C0.9	S0.1	C0.2	B0.1	23.2
2.4	-1.3	-1.4	0.6	1.1	9.5	15	0	0	77	1.8	1.0	-0.5	1.3	H0.2	-0.1	P0.1	S0.5	2.5	2.1	1.0	-0.1	S2.6	C1.7	S1.2	C0.5	B0.1	29.3
2.1	-1.2	-0.9	1.0	0.4	8.8	11	0	0	74	1.6	0.9	0.9	1.1	H0.7	0.9	0.0	S0.8	1.8	1.1	0.8	0.8	S1.0	C1.8	S0.2	C0.8	B0.5	19.1
4.1	1.2	0.8	1.2	3.0	7.3	5	0	0	73	0.9	0.5	1.0	-0.4	H0.8	0.9	P0.9	S0.8	1.9	0.0	-0.3	0.6	S1.6	C0.7	L0.9	C0.6	0.0	15.3
3.9	1.3	1.4	1.1	0.4	6.9	-3	0	0	70	1.2	2.1	0.5	0.1	H0.7	1.3	P0.5	S0.7	2.3	0.9	0.1	0.6	S3.5	C0.9	L0.2	W0.5	0.0	29.1
2.0	-2.5	-2.1	-0.9	-2.5	8.0	-4	0	0	74	2.1	1.5	-0.1	1.4	L0.6	0.3	P0.6	S1.1	2.6	2.5	1.0	0.6	S3.0	C1.2	0.0	C0.6	0.0	32.5
1.7	0.0	-0.2	1.4	1.9	6.7	-22	0	0	73	1.4	1.7	1.0	0.8	H0.7	1.2	P0.9	S0.9	2.1	1.4	0.6	0.8	S2.3	C1.5	0.0	C0.8	B0.7	26.1
0.7	2.6	3.0	-0.1	0.8	5.4	-33	0	0	72	0.7	1.1	0.4	-0.2	H1.4	0.9	P0.5	S1.0	1.6	0.0	-0.1	-0.8	S1.7	C1.0	S0.5	C0.6	B0.1	12.1
1.8	1.4	1.2	1.0	3.2	4.7	-43	0	0	71	0.9	1.8	-0.4	0.1	H0.9	0.5	P0.2	S0.9	2.2	1.3	0.1	1.2	S3.6	W0.2	L0.5	C0.5	B0.6	30.6
-2.0	0.2	1.4	0.0	-0.9	5.8	-59	0	0	70	-0.3	-0.4	-0.6	0.0	H0.2	-0.1	P0.1	S0.6	-0.4	-1.0	0.0	-0.7	D0.7	C0.4	S0.5	W0.1	C0.5	-8.3
0.4	-2.2	-2.0	-0.1	-1.2	5.0	-98	0	0	72	1.0	1.8	0.7	0.2	H1.1	1.0	P0.6	S0.3	1.7	1.1	0.1	0.9	S2.7	C0.5	L1.4	C0.5	B0.7	22.5
-1.3	-0.1	-0.1	-0.7	-1.3	4.2	-105	0	0	70	1.0	2.6	0.9	-0.4	H0.1	0.8	P1.3	S0.9	1.6	0.6	-0.3	0.2	S2.8	W0.5	L1.2	C0.6	B0.3	17.7
-0.7	-0.7	-0.9	0.1	-1.4	4.4	-114	0	0	71	1.0	1.6	0.7	-0.2	L0.3	0.4	P0.8	S0.2	1.3	0.6	-0.2	0.5	S2.3	W0.1	L0.6	C0.6	B0.7	17.1
-4.1	-2.8	-3.8	-0.7	-3.6	6.1	-126	0	0	73	1.1	3.2	1.1	0.7	L0.2	1.0	P0.4	S0.9	1.1	1.0	0.5	0.2	S2.5	C0.2	L0.9	C1.0	B0.4	17.2
-1.4	-1.1	-1.3	-0.5	-1.9	5.2	-132	0	0	72	0.8	1.6	0.5	-0.1	H0.8	0.8	P0.7	S0.8	1.7	0.7	-0.1	0.1	S2.7	C0.3	L0.8	C0.9	B0.6	19.2