

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI August 2017

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	% Milk	% Fat	% Prot	CM\$	NM\$	FM\$	GM\$	SCS
G	JX SUNSET CANYON GOT MAID (5)-ET	USA 119407594	99K	100	F	551JE1650	75	1508	0.07	84	0.04	62	708	671	590	548	2.71
G	CO-OP AD WORLD CUP (5)-ET	840003126073776	99K	100	F	1JE935	75	595	0.14	56	0.11	62	672	628	526	586	2.83
G	JX FARIA BROTHERS MESSI (5)-ET	840003124526297	80K	100	C	200JE913	75	1512	0.14	99	0.05	65	688	652	572	490	2.90
G	JX FARIA BROTHERS TOM BRADY (5)-ET	840003135124336	99K	100	F	97JE159	70	1253	0.10	77	0.03	52	668	639	575	552	2.83
G	JX FARIA BROTHERS CALVIN HARRIS (4)	840003124526356	99K	100	F	14JE704	75	1530	-0.02	67	0.02	57	643	618	562	530	2.75
G	JX AHLEM FRISCO (5)	USA 074067720	99K	100	C	29JE4033	76	1351	0.05	72	0.07	62	657	619	531	488	2.87
G	JX FOREST GLEN HARRIS HALT (5)	USA 067578752	99K	100	F	29JE3989	75	1528	0.02	76	0.03	60	648	618	552	487	2.77
G	JX FARIA BROTHERS JACKSON (5)-ET	840003135124481	99K	100	C	200JE1123	69	954	0.21	87	0.09	53	652	610	513	500	2.92
G	OAKLANE DAZZLER DISCO 2127-ET	USA 067742127	99K	100	F	7JE1528	72	409	0.14	49	0.04	24	639	612	553	555	2.77
G	JX AHLEM HARRIS BALTAZAR (5)-ET	USA 074067612	99K	100	F	29JE4008	76	1350	-0.03	59	0.02	51	624	603	557	521	2.89
G	JX FARIA BROTHERS POGBA (4)	840003126052088	99K	100	F	7JE1505	74	811	0.16	69	0.09	47	595	557	469	546	2.94
G	JX AHLEM HARRIS RAZARRI (5)	USA 067823001	99K	100	F	11JE1308	76	2085	-0.08	82	0.01	74	612	590	544	425	2.93
G	CAL-MART PILGRIM TAD	USA 067294424	99K	100	F	1JE944	76	917	0.10	64	0.09	52	610	570	479	527	2.99
G	JX SEXING VALIDATE 60883 (5)-ET	840003010364630	13K	100	F	551JE1643	76	1901	-0.04	83	-0.02	65	632	612	570	461	2.78
G	AHLEM CHILI CHARMER	USA 074067595	99K	100	F	29JE4009	76	709	0.15	64	0.09	44	627	585	491	512	2.84
G	JX PEARLMONT PROP JOE DIMMER (4)	USA 067270655	99K	100	F	1JE955	75	749	0.16	67	0.06	38	620	591	526	545	2.92
G	JX HILMAR HARRIS GODFATHER (5)-ET	USA 119445095	99K	100	F	7JE1536	76	1950	-0.10	71	-0.03	64	594	581	554	449	2.88
G	JX HEARTLAND HARRIS MAGLIO (5)	USA 119531794	99K	100	F	1JE963	75	1458	0.02	72	0.04	59	614	582	510	481	2.77
G	DP NXLEVEL-ET	USA 119095209	80K	100	F	200JE1035	75	1076	0.12	76	0.08	54	605	571	492	507	3.06
G	JX MEIER LEONEL PALMER (4)	USA 067179059	99K	100	F	551JE1651	74	897	0.17	76	0.06	45	613	579	503	496	2.84
G	RIVER VALLEY CHARLEY CHANGE UP-ET	840003126479215	99K	100	C	200JE10010	74	735	0.11	59	0.05	37	620	593	531	514	2.89
G	CAL-MART BARRICADE	USA 067384455	99K	100	F	29JE4044	75	397	0.24	67	0.10	36	601	556	452	522	2.79
G	JX FARIA BROTHERS ISAIAH THOMAS (5)	840003126052327	99K	100	F	7JE1561	75	1241	0.11	79	0.05	54	626	595	523	477	2.88
G	HILLVIEW LISTOWEL-P	USA 067333440	99K	100	F	200JE1045	76	1102	0.00	50	0.03	46	596	571	516	517	2.86
G	TOG ALTABLITZ-ET	840003126218629	99K	100	F	11JE1320	76	1204	-0.05	47	-0.01	41	611	596	565	518	2.80
G	SEXING PILGRIM TUX 60328-ET	840003010364075	80K	100	F	203JE1637	76	482	0.15	52	0.05	28	599	576	523	612	2.95
G	AHLEM AXIS BANCROFT-ET	USA 073409475	99K	100	F	29JE3991	77	1305	-0.07	47	0.01	47	605	592	563	528	2.99
G	SANDCREEKS DAYBREAK COCHISE-ET	840003134637529	99K	100	F	29JE4080	75	664	0.19	69	0.08	41	629	597	521	516	3.07
G	JX FARIA BROTHERS PITBULL (4)-ET	840003124526352	99K	100	C	14JE705	76	926	0.10	64	0.02	38	588	567	520	487	2.82
G	JX AARDEMA HARRIS FRANKY (4)	840003012658847	99K	100	F	1JE967	75	1361	0.10	84	0.04	57	622	589	517	464	2.78
G	JX FOREST GLEN LUMINARY (5)	USA 067650025	99K	100	F	29JE4056	76	1932	-0.20	51	-0.06	55	568	569	575	473	2.88
G	CAL-MART CHISEL DREW 4462-ET	USA 067384462	99K	100	F	7JE1545	72	890	0.17	76	0.07	47	624	587	502	455	2.87
G	FOREST GLEN KALAHARI	USA 067650122	99K	100	F	29JE4073	72	576	0.11	50	0.10	41	582	544	453	490	3.01
G	JX GENERATIONS TRADITION (5)-P	USA 067289342	99K	100	F	29JE4045	75	1748	-0.06	70	0.00	62	582	562	517	416	2.87
G	TOG ALTAFFIRM-ET	840003135087308	99K	100	F	11JE1323	75	1123	0.01	55	0.05	51	574	544	475	455	2.91
G	JX AARDEMA HARRIS NICO (5)	840003012658813	99K	100	F	1JE958	74	1696	-0.11	57	0.01	63	553	527	470	403	2.82
G	JX AHLEM BOUDREAUX STORMCLOUD (4)-ET	USA 074067679	99K	100	F	7JE1540	75	1128	0.04	64	0.02	44	591	575	537	496	3.02
G	JX CAL-MART HARRIS SILAS (5)	USA 067294362	13K	100	F	97JE145	74	1132	0.11	75	0.07	54	590	554	473	439	2.92
G	PROGENESIS MAGNUS-P-ET	CAN 109862276	99K	100	F	200JE1075	75	1128	0.04	60	0.02	44	563	544	501	484	2.91
G	JX AHLEM PROP JOE CAMO (4)-ET	USA 074067736	99K	100	F	11JE1304	75	755	0.24	84	0.06	38	590	560	491	457	2.83
G	JX FARIA BROTHERS TOTTI (4)	840003126052081	99K	100	F	1JE950	76	766	0.12	61	0.04	36	591	566	511	528	2.89
G	JX MFW RULLOFF (5)-ET	USA 119720002	99K	100	F	200JE1106	72	1752	-0.02	79	0.02	66	564	542	492	404	3.00
G	JX NORMANDELL HARRIS WESLEY (5)	USA 067731180	99K	100	F	29JE4019	75	1744	-0.07	67	0.00	61	572	551	506	433	2.80
G	JX CRESCENT VOLCANO GRANT (6)	USA 067295728	50K	100	F	14JE754	75	901	0.08	60	0.04	41	548	524	468	464	2.94
G	CAL-MART CHILI LARS	USA 067294430	99K	100	F	1JE946	75	510	0.08	41	0.08	34	550	513	429	499	2.76
G	JX JARS OF CLAY ALTBACRAW (5)-ET	840003131148673	99K	100	F	11JE1312	77	1739	-0.09	63	-0.03	56	581	568	543	426	2.78
G	JX SUNSET CANYON DARIAN (5)	USA 119327807	99K	100	F	29JE4035	76	1225	0.08	74	0.04	52	572	541	472	432	2.80
G	JX OOMSDALE GEMMA HARRIS GANYA (5)-ET	USA 067235865	99K	100	F	29JE4026	75	997	0.12	73	0.07	49	584	550	472	418	2.92
G	JX RIVER VALLEY CHECKMATE (5)-ET	840003126479255	99K	100	C	200JE10008	77	1391	0.03	70	0.01	51	552	532	489	437	2.88
G	RIVER VALLEY CIRCUS CRAZE-ET	USA 075341001	99K	100	F	200JE10001	72	914	0.03	50	0.00	32	553	544	525	508	2.95
G	JX KASH-IN SILAS (5)-P-ET	840003132715648	99K	100	F	7JE1557	76	1403	0.06	78	0.05	61	545	511	435	396	2.91
G	JX LEGENDAIRY MONEYBAG (5)	USA 119392427	99K	100	F	200JE1065	75	1820	-0.11	63	0.00	65	550	534	498	402	3.02
G	JX SUN VALLEY JOLT (5)	USA 119282711	99K	100	F	200JE1058	75	1433	0.07	82	0.06	63	550	518	442	389	3.00
G	JX AVI-LANCHE JAVA (5)	840003131651012	99K	100	F	29JE4076	74	1645	0.01	80	0.00	60	545	521	469	408	2.78
G	AHLEM AXIS DAGGAR 22486	USA 073409447	13K	100	F	203JE1620	75	838	0.04	45	0.05	40	558	529	463	437	2.83
G	MFW ALTACHIVE-ET	USA 119691058	99K	100	F	11JE1326	74	1238	-0.08	44	0.02	48	504	487	448	449	3.03
G	CDF IRWIN STEVE	840003006436334	80K	100	C	11JE1259	76	764	0.19	74	0.06	40	565	537	472	432	2.97
G	DP CHISEL DIEGO-ET	USA 119610341	99K	100	F	7JE1547	72	884	0.08	60	0.02	37	582	560	511	469	2.87
G	AHLEM GENOMINATOR MOONBEAM	USA 067823232	99K	100	F	7JE1577	74	549	0.14	52	0.04	29	542	516	458	454	2.82
G	AHLEM DAYBREAK GENTLEMAN	USA 067823237	99K	100	F	29JE4057	76	933	0.01	46	0.01	35	543	527	492	429	2.84
G	JX MULTI-ROSE RADICAL (5)-P-ET	840003132093005	50K	100	C	14JE736	72	1262	-0.10	42	0.04	53	513	487	428	419	2.95
G	JX FARIA BROTHERS TARHEEL (4)-ET	840003012575909	80K	100	F	1JE912	76	511	0.23	69	0.10	40	520	479	383	410	2.93
G	HEARTLAND AXIS SUNBURST-ET	USA 067372759	80K	100	F	7JE1462	75	1043	0.04	58	0.07	52	531	495	412	400	2.92
G	JX SEXING WALTER CRANSTON 60790 (5)	840003010364537	50K	100	F	551JE1642	75	821	0.17	71	0.06	42	535	503	431	402	2.88
G	JX AHLEM BRUNO (5)-ET	USA 074067613	13K	100	F	551JE1654	75	965	0.05	57	0.01	38	523	506	468	418	2.90
G	JX FARIA BROTHERS TUPAC (4)	840003124526365	80K	100	F	1JE919	75	1959	-0.08	75	-0.04	61	528	522	510	395	2.93
G	JX AHLEM CASCADE (5)-ET	USA 073409421	80K	100	F	29JE3970	76	1126	0.04	62	0.05	51	510	480	411	391	2.93
G	AHLEM AXIS COMANCHE-ET	USA 073409554	99K	100	F	1JE928	76	1563	-0.11	52	-0.03	50	525	515	497	400	2.86
G	JX ROC-BOT DURABLE (5)	USA 075211001	99K	100	F	200JE1057	74	608	0.07	42	0.06	33	527	501	442	414	2.95
G	SUNSET CANYON DAKARAI	USA 118866150	99K	100	F	147JE6224	74	365	0.28	73	0.10	33	520	482	394	455	2.91
G	JX AHLEM TARHEEL CHISM (5)-ET	USA 067823295	99K	100	F	7JE1580	72	860	0.11	64	0.08	47	522	484	396	370	2.90
G	RIVER VALLEY DISCIPLE-P-ET	840003133234486	99K	100	F	7JE5064	72	1284	-0.07	47	0.00	45	512	494	455	405	2.72
G	CAL-MART SANTANA LEE-P	USA 067384495	99K	100	C	29JE4058	75	428	0.15	50	0.07	29	533	500	426	442	2.77
G	JX KASH-IN STERLING (5)-P-ET	840003126536288	99K	100	F	7JE1											

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PL	LIV	DPR	CCR	HCR	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
5.8	-0.9	-2.1	-0.4	1.6	7.5	201	0	0	75	1.0	0.2	0.3	0.5	L0.3	0.1	P0.4	S0.6	0.7	0.4	0.4	0.3	S0.7	C0.2	L0.1	C0.2	C0.1	7.5
7.6	2.0	1.4	3.4	4.7	7.4	197	0	0	74	1.5	0.5	0.3	0.7	H1.4	0.9	P0.5	S1.1	2.5	0.9	0.5	0.1	S1.9	C1.5	S0.2	C0.5	C0.2	20.6
4.3	-1.5	-4.0	-2.5	-0.1	7.1	191	0	0	75	1.1	0.8	0.4	0.4	L0.5	0.2	P0.6	S0.8	1.1	1.1	0.3	0.2	S1.5	W0.2	L1.0	C0.6	C0.1	11.7
5.8	1.5	-0.2	0.7	0.2	5.6	190	0	0	70	1.0	0.1	0.3	0.0	L0.2	-0.3	P0.1	0.0	1.3	0.7	0.0	0.4	S1.1	C0.4	L0.6	C0.3	C0.3	11.5
5.3	-0.4	-1.1	1.1	1.7	6.2	189	0	0	74	0.8	-0.1	-0.3	0.6	H0.3	-0.1	P0.7	S0.7	1.2	0.9	0.4	0.3	S0.8	C0.4	0.0	C0.2	C0.4	11.1
5.9	-0.5	-2.2	-1.5	-0.3	8.6	187	0	0	76	1.1	-0.2	0.5	0.4	H0.5	0.5	P0.7	S0.9	1.8	1.0	0.3	0.6	S1.3	C0.6	L0.7	C0.1	0.0	15.5
5.6	-1.1	-2.5	-1.4	0.2	7.5	183	0	0	75	1.2	0.6	0.3	1.2	L0.3	0.0	S0.2	S0.2	0.5	1.5	0.9	0.6	S0.3	C0.3	L0.9	W0.4	B0.6	8.0
4.8	0.3	-1.5	-0.4	-0.5	4.7	183	0	0	68	1.3	2.0	0.9	1.2	L0.8	1.0	P0.3	S0.2	0.9	1.0	0.9	0.3	S1.3	W0.5	S0.7	W0.1	C0.6	12.8
9.6	2.3	1.5	2.2	2.8	8.5	181	0	0	74	1.9	0.6	0.1	1.1	H1.2	0.7	P0.8	S1.4	3.2	1.3	0.8	0.9	S0.3	C1.8	S0.5	C1.0	C0.7	32.6
6.6	0.8	-0.4	1.0	2.2	8.2	180	0	0	76	1.2	0.1	-0.1	0.7	H0.2	-0.3	S0.1	S0.5	1.1	1.4	0.5	1.2	S1.2	W0.1	L1.1	C1.3	B0.8	15.0
4.1	-0.2	1.5	2.6	5.4	5.5	180	0	0	72	0.7	1.0	0.1	0.6	L0.6	0.1	S0.7	S0.3	-0.1	0.4	0.5	1.0	S1.0	W0.4	L0.8	C0.4	C0.4	7.4
3.6	-1.3	-4.3	-3.2	-1.3	8.4	178	0	0	76	1.5	2.1	1.0	1.4	H0.2	0.9	S0.1	S0.7	1.2	1.3	1.1	0.4	S1.0	C0.9	L0.1	C0.8	B0.4	14.0
5.7	2.0	1.4	2.2	2.6	8.1	178	0	0	76	0.9	1.7	1.3	0.8	L0.6	0.8	S0.7	S0.1	0.9	0.4	0.6	0.7	S0.1	C0.5	L0.3	C0.3	C0.4	7.0
4.3	-0.4	-3.7	-1.8	1.3	7.7	177	0	0	75	1.2	0.0	0.9	1.1	H0.9	0.7	P0.7	S0.7	0.6	0.7	0.8	1.0	D0.5	C0.3	L1.1	W0.3	B0.2	3.9
6.3	-0.3	-0.7	1.8	4.6	9.4	177	0	0	76	1.2	0.4	-0.4	1.5	L0.2	-0.3	S0.6	S0.3	0.1	1.5	1.1	0.6	0.0	C0.1	L0.3	C0.7	0.0	6.3
6.8	1.8	1.3	2.1	3.3	7.4	176	0	0	73	1.2	1.3	0.9	0.6	L0.3	0.7	S0.3	S0.5	1.4	1.0	0.5	0.9	S1.6	C0.3	L0.4	C0.3	C0.5	17.0
4.1	-1.4	-3.2	-2.5	0.5	8.3	175	0	0	76	1.4	0.7	-0.1	1.0	H0.5	0.5	P0.7	S1.1	1.7	0.9	0.7	0.2	S2.1	C0.4	L0.5	C0.1	0.0	17.2
4.4	-0.2	-1.8	0.1	2.5	7.1	175	0	0	75	0.5	0.8	0.6	0.4	L1.0	0.3	S0.1	S0.8	0.3	0.4	0.3	0.2	S0.2	W0.2	L0.5	0.0	B0.7	2.6
4.3	-0.6	-0.4	0.6	2.1	7.7	175	0	0	75	1.3	0.8	0.0	1.3	L0.7	0.3	P0.1	L0.4	-0.1	1.5	1.0	0.8	S0.4	W0.9	S0.2	C0.1	C0.4	7.8
5.5	0.2	-0.8	1.0	2.8	6.6	175	0	0	73	0.8	1.0	0.8	0.3	L0.1	0.5	P0.2	S0.4	1.6	0.7	0.2	0.1	S1.5	C0.6	L0.5	C0.6	C0.1	13.5
8.3	0.2	0.2	0.5	2.1	8.5	174	0	0	73	2.0	0.7	0.2	1.0	H0.3	0.6	P0.5	S1.3	2.3	1.4	0.7	0.6	S2.2	C0.7	0.0	C0.8	C0.4	23.3
5.4	-1.0	0.9	2.4	2.8	6.9	174	0	0	74	1.2	1.3	0.2	0.7	L0.4	0.6	P0.3	S1.0	1.6	1.4	0.5	-0.3	S1.9	C0.5	S0.2	C0.2	C0.5	16.5
4.7	-0.2	-2.4	-0.3	0.6	5.7	173	0	0	73	0.8	-1.0	0.2	-0.2	H0.8	0.0	P1.2	S1.2	1.5	0.7	-0.2	0.2	S0.7	C0.1	L0.4	0.0	C0.2	9.4
7.0	1.1	0.7	2.3	2.2	8.7	172	0	0	77	1.1	-1.0	-0.1	0.9	L0.4	-0.1	S0.3	S0.3	0.7	1.1	0.7	0.4	D0.2	C1.1	S1.2	C0.6	B0.4	8.9
7.9	3.0	0.4	1.2	2.5	9.3	172	0	0	77	1.6	0.7	0.0	1.2	L1.0	-0.1	P0.2	S0.2	1.0	2.0	0.9	0.1	S1.0	C0.1	S0.8	W0.4	0.0	14.4
7.6	3.0	5.0	5.3	3.0	8.2	172	0	0	76	1.1	0.2	0.2	0.3	L0.1	0.2	S0.3	S0.4	1.5	0.4	0.2	0.4	S0.9	C0.3	L0.1	C0.6	0.0	11.1
7.0	2.2	0.3	1.8	2.1	9.6	170	0	0	77	1.4	0.8	-0.5	1.4	L1.0	-0.1	P0.7	S0.8	1.2	2.3	1.1	0.0	S0.7	C0.5	S0.5	C1.0	B0.5	14.1
6.5	1.5	-0.5	0.9	2.8	8.4	170	0	0	75	0.9	-0.2	-0.9	1.0	L0.8	-0.7	S0.1	S0.1	0.2	1.2	0.7	0.4	S0.7	W1.3	S0.8	0.0	B0.1	8.1
5.8	2.2	-0.4	1.2	1.6	6.4	170	0	0	75	1.5	0.6	0.5	0.0	H0.5	0.9	P1.2	S1.0	2.2	1.0	0.0	0.3	S2.8	C0.8	L0.5	C0.5	C0.3	22.8
4.9	-0.9	-2.2	-1.1	-0.7	7.0	169	0	0	74	0.1	0.4	0.9	-0.4	H0.3	0.5	P0.8	S1.0	0.6	-0.4	-0.3	0.1	S0.6	W0.6	L0.5	W0.6	C0.1	2.2
6.2	0.8	-1.1	0.5	0.6	8.6	169	0	0	76	1.1	-0.1	0.0	0.6	H1.3	0.1	P0.7	S0.8	2.1	1.1	0.5	0.7	S1.9	W0.2	L0.7	C0.4	B0.5	18.8
6.6	-0.6	-2.3	-1.2	1.2	7.8	169	0	0	73	0.8	-0.3	0.2	0.6	L0.3	0.2	S0.5	S0.2	1.3	0.5	0.5	0.1	S1.0	C0.3	L0.2	C0.1	C0.6	10.0
7.2	-0.1	0.6	1.9	2.2	6.1	169	0	0	71	1.5	0.8	0.4	0.6	H0.2	0.6	P0.6	S1.0	2.7	1.9	0.4	0.2	S2.3	C1.4	S0.5	C1.3	C0.1	26.3
4.4	-0.6	-3.6	-1.9	0.8	7.5	168	0	0	75	0.7	-0.7	0.2	0.1	H0.5	0.0	P0.3	S0.7	1.2	0.4	0.0	0.7	S1.0	C1.0	L0.2	C1.0	B0.2	12.6
5.3	0.8	-1.2	0.2	3.1	8.3	168	0	0	75	1.1	1.1	-0.2	1.4	L1.2	0.0	S0.9	S0.1	0.1	1.6	1.0	0.7	S0.8	W0.9	S0.6	W0.2	B0.2	10.7
4.7	-1.9	-3.0	-1.0	2.1	5.8	167	0	0	72	1.6	1.0	0.8	0.7	L0.1	0.3	P0.7	S0.7	1.5	1.5	0.6	1.1	S1.1	C0.3	L0.7	0.0	B0.2	16.7
6.1	1.9	-0.4	0.6	3.4	7.4	167	0	0	73	1.3	0.2	0.2	0.9	H0.3	0.3	S0.2	S0.6	1.4	1.0	0.7	0.8	S1.0	C0.8	L0.4	C1.4	C0.5	14.6
4.2	-0.7	-2.3	-1.5	0.2	7.0	165	0	0	74	1.3	0.2	0.8	0.8	H0.7	0.7	P0.8	S1.4	1.3	0.9	0.6	0.5	S1.1	C0.1	L0.5	C0.1	C0.1	12.3
5.8	-0.4	-0.1	1.2	3.7	7.4	165	0	0	75	0.8	0.0	-0.3	1.1	L0.5	-0.6	S0.6	L0.3	0.5	0.7	0.8	0.7	S0.7	C1.1	L0.3	C0.8	B0.1	10.1
5.0	1.0	-1.2	-1.2	2.2	7.0	165	0	0	72	1.1	1.9	0.9	0.6	L1.7	0.5	S0.7	S0.1	0.8	0.8	0.5	0.8	S1.2	C0.3	L0.3	C0.3	C0.6	12.8
6.4	2.3	1.8	1.8	2.0	7.1	165	0	0	74	0.9	0.9	0.4	0.2	L1.7	0.2	P0.3	S0.7	0.7	1.1	0.1	0.8	S0.8	W0.3	L0.3	C0.3	C0.5	10.7
3.2	-2.0	-3.7	-2.3	0.2	7.8	164	0	0	73	1.5	0.3	0.6	0.7	L0.2	0.6	P0.7	S0.5	1.3	1.1	0.5	0.1	S0.8	C0.8	0.0	W0.4	C0.1	11.6
4.9	-1.0	-2.5	-0.4	2.0	7.7	164	0	0	75	0.5	0.1	0.7	0.2	L0.5	-0.2	P0.1	S0.3	0.3	0.2	0.1	0.8	D0.1	C0.1	L0.7	C0.3	B0.2	3.0
5.4	0.0	0.1	0.5	2.0	8.8	164	0	0	76	1.8	1.9	0.6	1.5	L1.0	0.7	S0.3	S0.5	1.8	1.5	1.1	0.5	S2.0	C1.7	S0.5	C0.8	B0.1	23.0
6.6	0.8	2.1	3.1	3.4	7.2	164	0	0	75	0.9	0.2	0.1	0.3	H0.5	0.2	0.0	S0.3	1.5	1.3	0.3	-0.4	S2.0	W0.1	S0.2	C0.2	B0.6	15.3
5.7	-0.2	-3.2	-1.5	1.8	8.5	162	0	0	77	1.3	0.8	0.7	1.2	H0.5	0.4	P1.1	S0.8	1.5	1.4	0.9	-0.2	S1.1	W0.2	L1.2	C0.3	B0.3	10.0
4.1	-1.3	-2.3	-1.0	0.8	7.9	162	0	0	76	0.4	-0.6	-0.3	0.3	L0.4	-0.6	0.0	L0.5	0.0	0.6	0.2	0.6	S0.2	W0.3	L0.8	C0.3	B0.3	3.1
5.6	-0.2	-2.6	-1.6	1.1	7.0	162	0	0	74	1.4	1.2	1.3	0.6	L0.2	0.8	P0.7	S1.1	1.9	1.1	0.4	0.7	S1.6	C0.9	L0.6	C0.3	0.0	18.4
4.8	-2.4	-1.8	-0.5	1.6	8.6	161	0	0	77	1.1	1.0	0.3	1.0	L0.3	0.0	P0.1	S0.4	0.6	1.4	0.7	1.4	S0.5	C0.3	L0.4	C0.4	B0.2	12.8
6.1	3.3	1.5	1.6	2.3	9.7	160	0	0	75	2.0	1.5	0.2	1.2	H0.1	0.7	S0.1	S0.9	2.2	1.9	0.9	0.7	S2.3	C0.7	L1.0	C0.3	C0.2	23.6
3.0	-3.1	-2.9	-1.9	0.3	7.4	159	0	0	75	1.1	0.7	0.8	0.8	H0.1	0.7	P0.1	S0.2	1.0	0.9	0.6	0.1	S0.7	C0.4	L0.5	W0.5	0.0	8.5
4.3	-1.0	-3.2	-1.9	0.7	7.9	158	0	0	75	1.0	-0.6	0.1	0.8	0.0	-0.5	P0.4	S0.5	0.5	0.8	0.6	0.7	S0.4	C0.1	L0.2	0.0	B0.1	7.9
2.5	-1.8	-3.6	-1.5	-0.2	7.0	158	0	0	75	1.4	0.5	1.4	1.0	0.0	0.5	P0.3	S1.0	1.3	0.6	0.7	0.8	S0.3	C1.1	L0.9	W0.1	0.0	9.8
2.6	-3.0	-2.6	-2.5	-0.7	5.8	158	0	0	74	0.9	-0.9	0.7	0.3	H0.8	0.2	P0.8	S0.2	0.									

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI August 2017

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	PINE-TREE DAYBREAK POLICY-ET	USA 067771245	99K	100	F	97JE155			74	448	0.14	49	0.05	27	510	489	439	437	3.00
G	AHLEM ALTACAJUN-ET	USA 074067726	99K	100	F	11JE1318			73	626	0.08	46	0.07	36	477	445	373	382	2.91
G	AHLEM CHILI BOWTIE-ET	USA 074067393	99K	100	F	11JE1274			76	505	0.09	44	0.08	34	511	483	416	443	3.09
G	JX FARIA BROTHERS LUDA (4)-ET	840003012575889	80K	100	C	200JE1026			77	810	0.16	71	0.06	40	522	499	445	448	3.10
G	RIVER VALLEY SAFARI SLY (6)-ET	840003126479080	99K	100	F	200JE10015			72	79	0.29	63	0.10	24	515	477	390	413	2.90
G	RIVER VALLEY NBRAZIL SAXXON-P-ET	840003133234518	29K	100	F	202JE604			71	1146	-0.02	49	0.01	43	486	466	421	373	2.77
G	JX PROGENESIS TELME (6)-ET	124 109792995	99K	100	F	200JE1101			74	910	0.06	56	0.02	37	484	463	417	399	2.83
G	RIVER VALLEY MAKER-ET	840003133234491	99K	100	F	200JE10018			72	581	0.19	65	0.07	36	520	491	424	433	3.06
G	ISDK VJ ADELGAARD HIHL HIWE	DNK 000304155	50K	100	F	236JE220			69	-632	0.52	73	0.22	21	518	447	281	448	2.80
G	AHLEM FORMIDABLE WICHITA 22978	USA 074067763	99K	100	F	7JE1537			75	1131	-0.02	47	0.03	46	464	443	395	395	2.94
G	VERJATIN WESTSTAR-ET	CAN 109411770	99K	100	F	200JE1064			75	1062	0.03	57	0.03	44	501	478	424	403	2.88
G	SUN VALLEY JIVE	USA 119191044	80K	100	F	200JE1039			75	790	0.11	60	0.07	42	476	447	379	353	3.02
G	JX ALL LYNNS VIEWPOINT (6)-P-ET	USA 119547724	99K	100	F	29JE4048			72	623	0.17	65	0.07	37	491	459	386	352	2.95
G	SHAN-MAR ARCHER KNOCK-OUT-ET	USA 067460152	50K	100	F	14JE758			74	585	0.13	53	0.06	33	482	454	391	399	2.92
G	RIVER VALLEY FERNLEAF FORT-ET	USA 075341034	99K	100	F	200JE10017			76	852	0.03	46	0.01	31	489	475	446	450	2.85
G	FOREST GLEN PREMIUM GOLD	USA 067609471	99K	100	F	97JE150			75	481	0.24	71	0.09	34	507	477	405	425	3.05
G	JX FARIA BROTHERS HEINSOHN (4)-P	840003135124096	99K	100	F	1JE978			75	881	0.06	54	0.02	33	511	497	466	454	2.91
G	ISDK VJ OSTERGAARD HJERN HOVE	DNK 000303987	50K	100	F	236JE207			68	-331	0.46	71	0.17	20	481	429	305	462	2.86
G	JX KASH-IN STEIN (5)-P-ET	840003132715669	99K	100	F	7JE1567			76	1389	0.02	69	0.03	57	481	452	386	323	2.87
G	SCENIC VIEW ASTUTE-P-ET	USA 067359183	99K	100	F	91JE5822			72	1143	-0.03	47	-0.02	37	468	459	440	394	2.84
G	BW BRAVEHEART-ET	840003126536276	13K	100	F	551JE1656			75	596	0.14	57	0.06	34	511	488	434	378	3.10
G	MIDWAY ALL DAT SPLASH	USA 119635537	99K	100	F	7JE1546			76	515	0.18	60	0.08	34	503	471	398	404	2.93
G	JX RIVER VALLEY RUTH RIG (5)-P-ET	USA 075341077	99K	100	F	200JE10019			73	1063	-0.04	41	-0.01	36	442	432	411	373	2.90
G	SUNSET CANYON MOTIVATION	USA 119241794	99K	100	F	29JE4013			75	447	0.08	38	0.07	29	470	437	363	405	2.77
G	ELLIOTTS REGENCY CASINO-ET	840003125141657	50K	100	F	14JE725			73	267	0.10	30	0.10	29	447	412	329	388	2.95
G	RIVER VALLEY SAL STRIKER-ET	840003013097975	80K	100	F	7JE5020			78	1512	-0.09	52	-0.03	48	479	474	464	350	3.00
G	PETERSON REGENCY LEON	840003010961740	99K	100	F	97JE153			73	716	-0.04	26	0.06	37	436	406	339	373	2.84
G	DUPAT DILBERT-P-ET	840003127607529	29K	100	F	202JE606			74	454	0.12	46	0.03	22	485	470	436	451	2.99
G	PROGENESIS HARDWORKER-ET	CAN 012302927	99K	100	C	200JE1060			74	1271	-0.02	56	0.03	51	466	443	391	322	2.91
G	JX OOMSDALE CONNER (4)-ET	USA 067235830	80K	100	F	200JE1033			76	1178	-0.01	49	0.00	42	476	462	432	356	2.93
G	O.F. BALLISTIC GREG	USA 067198214	99K	100	F	7JE1490			75	646	0.09	49	0.04	30	472	455	414	375	3.02
G	JX PROGENESIS TOTALLY (6)-ET	124 012302897	99K	100	C	200JE1049			72	705	0.06	46	0.01	27	472	458	427	365	2.84
G	JX FANELLI CHRISTTY (5)-P-ET	USA 119728475	29K	100	F	97JE157			71	566	0.10	47	0.07	34	467	437	368	359	2.91
G	IGL MAGNUM MILTON-ET	840003125325412	80K	100	F	7JE1471			75	1162	0.09	75	0.02	43	481	472	451	436	3.13
G	ISDK VJ HAVDAL LAPPE DEE (6)	DNK 000304164	50K	100	F	236JE224			72	-948	0.58	65	0.24	11	467	399	239	397	2.82
G	ALL LYNNS SANTANA VANDANA-P-ET	USA 119035887	99K	100	F	203JE1627			76	803	0.03	44	0.06	41	480	450	380	314	2.90
G	PROGENESIS HILLMAN	CAN 109266057	99K	100	F	200JE1074			75	577	0.09	46	0.02	26	470	452	414	402	2.88
G	SHAN-MAR PROTECTOR CLAY-ET	USA 067553104	99K	100	F	7JE1482			78	874	0.06	51	0.03	36	458	441	404	414	3.00
G	AHLEM WARLOCK-ET	USA 073409399	80K	100	F	200JE1030			75	252	0.21	52	0.09	27	477	443	364	398	2.92
G	JX SEXING GFRAPP GOLDEN (4)-P-ET	840003010364640	13K	100	C	551JE1653			73	828	-0.02	36	0.06	42	438	415	360	345	3.14
G	RIVER VALLEY LANI LIFT-OFF-ET	840003126479129	99K	100	F	777JE10005			74	1310	-0.10	42	-0.03	39	427	421	409	322	2.81
G	RECTORS SPARKY MOON	USA 067613300	80K	100	F	11JE1245			76	923	0.07	59	0.01	36	437	422	389	364	2.97
G	LENCREST OPENROAD	CAN 109010111	80K	100	F	200JE1040			75	151	0.24	53	0.14	32	467	420	309	337	2.89
G	AHLEM SNAPDRAGON WILLOW	USA 067823040	99K	100	F	11JE1309			75	1130	0.00	53	0.01	41	419	407	380	322	2.96
G	ISDK VJ HAUGSTEDGAARD HJERN HOJ (6)	DNK 000303972	50K	100	F	236JE165			70	-132	0.25	41	0.14	22	408	359	247	376	2.76
G	RIVER VALLEY CDIXIE DETOUR	840003013097965	80K	100	F	7JE5022			76	1017	-0.12	25	-0.02	32	410	406	397	402	2.95
G	JX RIVER VALLEY RUTHLESS (5)-P-ET	840003126479169	99K	100	F	777JE10002			74	1096	-0.03	47	0.01	40	428	413	382	337	2.92
G	ALL LYNNS VAST-ET	USA 118981925	99K	100	F	200JE1034			78	1093	-0.08	35	0.00	38	422	414	395	393	3.03
G	JX PROGENESIS TIGNISH (6)-ET	124 012302929	99K	100	C	777JE1062			73	904	0.03	49	0.01	32	430	416	385	332	2.82
G	JX WILSONVIEW SWORD MULTIPLY (6)-ET	USA 119465110	99K	100	F	97JE152			72	841	0.06	51	-0.01	28	439	431	413	381	2.88
G	ISDK VJ DROSTRUPGAARD LUSAKA	DNK 000304035	50K	100	F	236JE171			71	16	0.31	61	0.13	24	477	434	332	411	2.83
G	BW PAXTON-ET	USA 119446229	99K	100	F	551JE1649			76	540	0.06	38	0.04	28	412	390	339	336	2.91
G	ISDK VJ DONGSGAARDEN HALEY	DNK 000304129	50K	100	F	236JE213			71	88	0.29	60	0.11	23	425	383	288	350	2.73
G	RIVER VALLEY DAHLIA DEFIANT	840003126479063	99K	100	F	200JE10016			75	1211	-0.09	39	-0.03	39	442	432	414	375	2.83
G	SUNSET CANYON DAUPHIN-ET	USA 119244292	13K	100	F	147JE6225			74	664	0.23	78	0.08	39	474	444	372	357	3.02
G	ISDK VJ ALSTRUP HICKEY HAMA	DNK 000303968	50K	100	F	236JE178			70	-60	0.26	49	0.12	21	458	421	333	453	2.98
G	COVINGTON ANTONIO-ET	USA 073796034	80K	100	F	200JE1024			75	-563	0.37	45	0.14	8	445	402	302	392	2.93
G	AHLEM NEWS STRIDER-ET	USA 067823141	99K	100	F	7JE1553			76	1403	-0.14	38	-0.05	41	396	393	390	317	2.84
G	AARDEMA SCORE TRIST (5)	840003012316341	80K	100	F	1JE916			75	1387	-0.17	31	-0.06	36	393	395	402	355	2.76
G	PINE-TREE PHARO 1ST DYNASTY-ET	USA 075191049	99K	100	F	7JE1516			77	921	-0.05	32	-0.03	27	423	423	424	414	2.96
G	IGL SANTANA TORPEDO-ET	840003125325348	80K	100	F	250JE1456			75	788	-0.01	36	0.02	32	410	394	357	301	2.88
G	LENCREST GOALER-ET	CAN 109266060	99K	100	C	200JE1071			74	458	0.03	30	0.05	26	430	410	365	353	2.98
G	ISDK VJ AARRE LAPPE LARI	DNK 000304158	50K	100	F	236JE222			71	-38	0.24	44	0.13	21	420	378	281	369	2.80
G	JER-Z-BOYZ SEVEN	USA 118830292	80K	100	F	7JE1447			76	1252	-0.03	53	0.00	44	424	414	391	328	3.00
G	JX ROCK SOLID CREATOR (4)	USA 067276461	80K	100	F	200JE248			76	948	-0.03	38	0.01	36	445	431	400	310	2.97
G	ALL LYNNS NIKON VALERGO-PP	USA 119288203	99K	100	F	11JE1294			76	753	0.12	59	0.06	39	429	408	357	263	3.17
G	STEINHAUERS SAMSON LEMONHEAD	USA 118662185	80K	100	F	14JE670			76	441	0.11	42	0.05	26	396	374	325	340	2.97
G	COULEE CREEK FANTASY	USA 118759072	80K	100	F	200JE1011			75	821	0.07	53	0.02	33	396	382	348	308	2.97
G	ISDK VJ MOSEGAARD HILARIO HAARE	DNK 000304229	50K	100	F	236JE229			70	153	0.23	51	0.13	29	393	349	247	347	2.86
G	SUN VALLEY PANORAMA	USA 119339673	99K	100	F	200JE1068			76	925	0.00	44	0.01	35	414	400	368	298	2.90
G	BW DONE RIGHT	USA 118727686	80K	100	F	203JE1626			75	1206	-0								

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI August 2017

PL	LIV	DPR	CCR	HCR	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
5.4	1.4	-0.1	1.1	2.9	7.7	146	0	0	75	1.2	-0.3	-1.3	1.4	H0.1	-0.3	S0.2	S0.6	0.9	1.5	1.0	0.9	S1.8	W0.3	S0.7	C0.2	C0.1	18.9
5.2	-0.7	-0.6	0.8	3.3	9.7	145	0	0	74	1.6	1.0	0.7	0.7	L0.3	0.5	P0.3	S0.7	2.1	1.8	0.5	1.1	S2.2	C0.4	S0.3	C0.1	C0.3	25.8
6.1	0.5	0.6	2.0	3.0	8.1	145	0	0	76	1.4	0.2	-0.8	1.1	L0.3	-0.1	S0.5	S0.3	1.2	1.6	0.9	0.0	S1.5	C0.8	L0.1	C1.5	B0.5	15.3
4.0	1.3	0.3	0.9	1.2	6.8	144	0	0	75	0.8	1.4	0.8	0.8	0.0	0.7	S0.1	S0.9	1.1	0.4	0.6	0.3	S0.2	C1.2	L0.3	C0.9	C0.3	7.4
5.0	0.4	-0.2	0.2	0.3	7.0	144	0	0	73	1.1	0.8	0.0	0.5	0.0	0.1	P0.5	S0.7	1.8	1.1	0.4	0.7	S2.7	C0.2	L0.3	C0.2	C0.8	22.6
3.9	0.2	-1.7	-1.1	1.2	8.5	143	0	0	73	1.8	1.6	0.3	1.5	0.0	0.5	0.0	S0.5	1.7	2.0	1.1	0.1	S1.3	C0.2	L1.0	W0.3	0.0	15.0
4.3	0.0	-0.7	0.6	3.4	8.1	143	0	0	75	1.3	0.8	0.7	0.9	H0.3	0.5	S0.4	S0.4	1.5	1.0	0.6	0.6	S1.3	C0.1	L0.6	0.0	B0.3	14.3
3.8	1.4	-0.4	0.7	2.0	8.1	143	0	0	73	1.3	1.1	-0.2	1.5	L0.6	-0.1	S0.7	S0.4	0.3	1.3	1.1	0.5	S0.1	C0.9	L0.7	C0.1	C0.7	6.8
3.2	-1.3	1.8	2.2	2.7	2.1	143	0	0	60	-0.5	0.9	0.3	-0.6	L0.7	0.1	P0.5	S0.6	0.0	-0.5	-0.5	-0.1	S1.6	W0.8	L0.5	W0.6	C0.7	3.6
3.9	0.0	0.1	1.0	1.2	8.3	142	0	0	75	1.1	1.6	0.9	0.6	L1.0	0.7	P0.2	S1.0	1.0	1.2	0.4	1.3	S1.3	W0.1	L1.0	W0.6	C0.2	15.1
5.2	-2.2	-0.7	-0.3	0.3	8.7	142	0	0	75	1.5	1.3	0.4	1.5	L0.1	0.6	S0.1	S0.4	1.0	1.5	1.1	0.1	S0.4	C0.1	S0.1	C0.3	0.0	9.4
3.9	-0.8	-2.0	-1.5	2.6	8.0	141	0	0	75	2.0	1.9	1.3	1.6	L0.4	1.4	P0.4	S1.3	2.2	1.5	1.2	1.2	S1.7	C1.6	L0.1	C0.9	C0.3	24.5
3.7	-1.1	-2.7	-1.6	2.2	6.8	141	0	0	73	2.0	1.0	0.5	1.7	L0.1	1.0	P0.4	S0.3	1.9	2.3	1.3	0.4	S2.1	C1.0	L0.4	C0.4	C0.1	23.1
4.5	-0.2	0.2	-0.5	-0.3	8.5	141	0	0	73	1.4	1.3	0.5	1.3	H0.3	0.7	P0.2	S1.3	2.2	1.0	1.0	0.7	S2.1	C1.7	L0.1	C0.8	C0.6	23.1
5.4	1.2	1.6	1.6	0.5	8.4	141	0	0	76	0.9	0.4	-0.1	0.7	L0.9	-0.3	S0.2	S0.2	0.7	1.0	0.6	1.0	S0.7	C0.7	L0.6	C1.3	B0.1	11.6
4.6	-2.1	0.0	0.7	-0.1	7.5	140	0	0	74	1.4	1.3	0.2	1.2	L0.3	0.5	P0.3	S0.4	0.8	1.3	0.9	0.5	S1.1	C0.4	L0.3	C0.9	B0.1	12.7
5.8	1.4	1.1	1.4	2.1	8.7	140	0	0	73	1.7	2.1	0.9	1.0	L1.0	0.8	P0.3	S0.9	1.3	1.2	0.8	-0.3	S0.9	C0.5	L0.3	W0.1	C0.3	9.9
1.7	0.9	2.8	4.0	1.7	1.4	140	0	0	61	-0.9	0.4	-0.6	-0.4	L0.1	-0.5	S0.6	L0.5	-1.2	-1.3	-0.3	-0.5	S1.2	W0.7	S1.3	W1.1	C0.2	-2.2
2.5	-2.1	-3.7	-2.5	1.6	7.2	138	0	0	75	0.5	1.2	0.8	0.3	H0.2	0.4	P0.3	S0.4	0.5	0.2	0.3	0.1	S0.5	0.0	L0.7	W0.4	C0.2	3.5
5.1	0.6	-0.1	0.2	1.4	8.1	138	0	0	74	1.7	2.5	1.2	1.4	L0.7	1.0	0.0	S0.4	1.8	2.2	1.1	0.1	S1.8	C0.3	S0.2	C0.4	C0.4	20.1
6.3	0.1	-1.8	-1.5	0.1	9.1	138	0	0	75	1.6	0.0	-0.4	1.4	L0.5	-0.5	0.0	L0.2	1.7	2.2	1.0	-0.2	S1.9	C0.7	S0.3	C0.7	0.0	19.8
4.6	0.5	-0.5	0.4	2.1	8.2	138	0	0	76	1.0	0.6	0.5	1.1	L0.3	0.3	S0.1	S0.3	0.1	1.4	0.8	1.4	S0.2	C0.1	L1.5	W0.5	B0.6	8.1
5.0	-0.9	-0.4	0.2	1.5	7.6	137	0	0	73	2.2	1.9	0.8	1.3	0.0	1.0	P0.4	S1.0	2.7	2.7	1.0	0.6	S2.6	C1.5	S0.1	C0.6	B0.2	30.8
5.9	1.3	1.1	2.8	3.1	7.8	137	0	0	75	1.1	1.2	1.0	0.5	L0.3	0.7	S0.5	S0.4	1.6	0.9	0.4	0.4	S1.2	C0.4	L0.7	C0.2	B0.4	13.3
5.7	0.9	1.3	1.8	2.8	8.6	137	0	0	74	1.8	1.5	0.7	1.3	L0.2	0.8	P0.2	S0.8	2.0	1.8	1.0	0.8	S2.0	C1.2	S0.8	C1.0	C0.1	25.4
4.5	1.1	-2.8	-1.4	0.6	9.2	136	0	0	78	2.0	1.4	0.7	1.5	L0.1	0.7	P0.4	S0.9	1.8	2.0	1.1	0.6	S1.0	C0.5	S0.4	W0.1	B0.5	18.5
5.9	-1.6	0.6	1.8	3.0	7.2	136	0	0	73	1.2	-0.2	0.0	0.4	L1.0	-0.2	S0.5	0.0	1.4	1.9	0.3	0.2	S1.7	C0.1	S0.2	W0.1	C0.2	17.8
6.5	1.6	1.9	2.5	2.4	8.7	136	0	0	73	1.4	1.0	0.2	0.7	L0.5	0.5	P0.3	S0.3	2.0	1.4	0.5	-0.3	S2.4	C0.1	S0.2	C0.2	C0.1	19.4
3.3	0.0	-3.1	-1.5	0.9	8.5	135	0	0	73	1.2	0.3	0.6	1.4	H0.4	0.4	S0.2	S0.1	0.9	0.5	1.0	0.4	S0.2	C0.3	L0.3	C0.5	C0.5	6.4
5.9	0.2	-1.7	-0.7	1.4	7.9	135	0	0	75	1.7	3.5	1.1	0.9	L1.1	1.5	P0.2	S0.1	2.3	2.6	0.7	-0.4	S2.3	W0.8	S0.2	C0.5	B0.3	21.4
4.8	2.6	-0.9	-0.3	1.5	7.0	135	0	0	75	1.5	0.3	-0.6	0.9	L1.5	-0.4	S0.2	L0.2	0.8	1.5	0.7	0.7	S1.2	C1.8	S1.4	C1.0	C0.6	18.9
5.9	2.0	-0.8	-1.4	0.4	9.1	135	0	0	74	1.6	0.4	0.1	0.6	L0.2	0.1	S0.1	S0.4	2.4	1.5	0.4	1.0	S2.1	C0.6	L0.1	W0.3	B0.5	24.7
4.5	0.8	-0.9	-0.5	0.4	7.9	134	0	0	72	1.7	0.8	0.7	0.8	H0.4	1.0	P0.6	S1.1	2.7	2.0	0.6	0.2	S1.5	C1.7	S0.2	C1.0	B0.2	22.9
2.5	-0.3	0.3	0.7	0.2	8.1	133	0	0	75	0.5	0.9	0.4	1.1	L0.9	-0.2	S0.5	L0.2	0.1	1.2	0.8	-0.4	D0.4	C0.1	L0.5	C0.1	C0.2	-0.5
2.9	0.8	1.2	3.9	3.9	1.9	133	0	0	64	-1.3	-0.7	-0.2	-0.9	L0.7	-0.7	0.0	S0.2	-0.1	-0.8	-0.7	0.4	S1.3	C0.7	S0.5	W0.6	C0.3	6.6
5.2	0.4	-3.4	-2.2	1.5	8.5	132	0	0	76	1.4	1.2	-0.2	1.5	H0.6	0.4	P0.6	S0.6	1.6	1.7	1.1	0.1	S1.8	W0.5	L0.6	0.0	0.0	16.0
5.6	1.0	0.2	1.0	2.6	9.6	132	0	0	74	1.4	-0.2	-0.1	0.9	L0.1	-0.1	P0.2	S0.5	1.6	1.4	0.7	0.1	S0.9	C0.7	0.0	C0.3	C0.5	13.6
3.9	-0.8	0.7	0.9	0.9	9.6	131	0	0	77	1.3	1.0	-0.3	1.6	L1.0	-0.2	S0.2	S0.3	0.2	1.6	1.2	0.9	D0.2	C0.8	L0.7	C0.1	C0.7	7.4
4.4	0.6	0.0	1.1	3.3	6.4	131	0	0	74	1.3	-0.9	0.1	1.0	H0.6	0.0	P0.1	S0.5	0.8	1.5	0.8	1.1	D0.2	C0.5	L1.1	C0.5	B0.8	8.5
4.8	1.5	-0.6	-0.4	1.5	7.7	130	0	0	72	1.1	-0.8	-0.6	0.4	L0.8	-0.5	S0.3	L0.8	0.3	1.4	0.3	0.9	S0.7	C1.5	S0.5	C1.8	B0.4	13.8
4.7	-1.2	-2.3	-0.7	2.2	9.0	130	0	0	74	1.3	0.4	-0.1	0.9	H0.3	0.1	S0.2	S0.6	1.8	0.5	0.7	0.5	S2.3	C1.1	S0.4	C0.8	B0.3	20.8
2.9	0.0	-0.6	-1.0	2.1	9.3	130	0	0	76	1.0	1.3	-0.1	1.0	L1.5	0.4	S0.3	L0.3	0.3	0.9	0.8	0.7	S1.0	C1.0	L0.4	C1.2	C1.4	11.1
4.7	-1.1	-1.4	-0.5	1.5	7.4	130	0	0	74	1.1	0.0	0.4	0.7	L0.7	0.1	S0.1	0.0	1.5	1.4	0.5	0.6	S0.9	C0.2	L1.2	C0.9	B0.4	12.7
3.3	-1.1	-1.6	-2.0	0.6	9.6	129	0	0	75	2.1	3.1	1.0	1.8	L0.5	1.5	S0.3	S0.8	1.9	2.5	1.3	0.6	S2.0	C1.5	S0.1	C1.2	C0.2	25.4
2.2	0.6	1.8	3.7	2.0	2.4	129	0	0	66	0.2	1.1	0.2	0.2	H0.5	0.7	P0.2	S0.4	0.6	0.3	0.2	0.1	S2.5	W0.6	S0.8	W0.6	C0.2	14.6
5.2	1.2	1.8	3.2	2.6	8.1	128	0	0	76	1.1	0.9	-0.4	0.5	L0.4	-0.2	S0.2	S0.7	0.8	0.4	0.3	0.2	S2.2	C0.8	S0.6	C1.1	C0.3	16.0
3.8	-0.6	-1.0	-1.0	-1.0	7.9	127	0	0	73	1.9	2.4	1.1	1.0	L0.4	1.3	P0.8	S1.2	2.4	1.8	0.8	0.2	S2.6	C1.1	L0.3	C0.7	0.0	24.9
3.9	1.6	0.9	1.9	2.9	8.5	127	0	0	78	0.7	0.8	-0.4	0.0	L0.4	0.3	P0.5	S0.7	1.3	0.6	0.0	-0.1	S1.7	W0.6	L0.1	W0.3	C0.4	11.6
4.2	-0.1	-1.2	-0.9	-0.4	8.4	127	0	0	73	1.5	1.5	0.7	0.7	L0.4	0.4	S0.3	S0.8	2.1	1.4	0.6	0.9	S2.6	C0.2	L0.5	W0.2	0.0	24.3
4.0	0.6	-0.4	1.0	3.1	8.0	127	0	0	73	1.1	-0.8	0.1	0.4	H0.7	0.1	P0.6	S0.5	1.8	1.5	0.3	0.3	S1.1	C0.1	L0.4	C0.7	C0.3	14.6
3.6	0.7	1.2	1.5	1.5	4.1	127	0	0	70	-0.6	-0.4	-0.2	0.0	L1.4	-0.3	S0.5	L0.1	-1.0	-0.2	0.0	0.4	D0.6	C0.5	L0.7	W0.6	C0.6	-5.0
4.8	0.3	-0.3	0.5	2.2	9.1	126	0	0	76	1.6	0.8	0.4	0.6	H0.2	0.6	S0.1	S0.6	2.5	1.4	0.5	0.1	S2.6	C1.1	S0.9	C0.6	C0.4	25.7
2.3	-0.6	0.0	1.0	2.0	2.3	126	0	0	66	0.3	0.8	0.4	-0.2	L0.1	0.5	S0.3	S0.4	1.3	-0.1	-0.1	-0.5	S2.2	C0.6	S0.1	W0.5	C0.6	12.3
4.8	1.4	0.3	0.1	0.4	7.7	125	0	0	76	1.1	0.0	0.6	0														

**Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI
August 2017**

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	ISDK VJ RONHOLM HICKEY HIAN {6}	DNK 000303933	50K	100	F	236JE167			69	-82	0.16	28	0.14	23	344	300	197	345	2.87
G	GRAZELAND LEMONHEAD DEVINCI	USA 119413681	99K	100	F	224JE2480			72	785	0.03	44	-0.01	27	351	343	326	296	2.96
G	JX KASH-IN SHOOTOUT {5}-P-ET	840003013871581	13K	100	F	91JE5624			76	339	0.15	46	0.06	25	333	305	241	242	2.89
G	SUNNYDAWN OLYMPIAN	GBR 000055862	8K	100		224JE2370			71	212	0.11	30	0.05	16	340	317	267	297	2.78
G	AHLEM BALIN-ET	USA 072520700	80K	100	F	200JE1014			77	-151	0.13	17	0.02	-1	339	331	313	311	2.91
G	BLUE MIST MEGABUCK-ET	USA 118769453	80K	100	F	200JE1012			76	65	0.18	39	0.06	13	337	319	274	306	2.99
G	SUNSET CANYON SPARKY MEGLADON	USA 119018886	13K	100	F	97JE142			75	583	0.06	38	0.03	28	341	325	290	250	3.05
G	JX ALL LYNN'S PREDICTABLE {6}-PP-ET	USA 119547676	99K	100	F	29JE4047			72	188	0.05	19	0.04	15	322	302	256	269	2.84
G	ST-LO NUANCE-ET	CAN 109541955	99K	100	F	200JE1089			72	-278	0.16	18	0.04	-1	304	287	248	247	2.81
G	LAMARIA WILBERT-ET	CAN 109960092	99K	100	F	551JE1693			72	505	0.09	42	0.02	21	325	313	285	215	2.93
G	ALL LYNN'S VERNON MACARTHUR-ET	USA 118612153	80K	100	F	202JE601			76	244	0.16	44	0.07	22	326	307	261	284	3.14
G	HILMAR SPARKY ATLAS {5}-ET	USA 119268647	29K	100	F	100JE7367			78	439	0.06	32	0.04	23	292	277	242	243	3.04
G	ISDK VJ RODME NYGAARD RODME	DNK 000303952	50K	100	F	236JE169			69	-121	0.26	42	0.10	12	287	257	187	272	2.84
G	ISDK VJ HOEHOLT PICK PEREZ {6}	DNK 000304130	50K	100	F	236JE212			73	-684	0.39	42	0.20	13	308	249	112	221	2.87
G	MULTI-ROSE CREDIBULL COMET-PP-ET	840003014373525	13K	100	F	54JE625			74	670	0.05	41	0.02	27	296	286	265	216	3.05
G	DUPAT CHARLEMAGNE 521-ET	840003127607540	29K	100	F	44JE532			75	1289	-0.15	31	-0.08	30	275	289	321	216	3.01
G	HOMETOWN SAMSON GENUINE-ET	USA 118400893	80K	100	F	91JE5519			78	535	0.02	30	0.00	19	297	288	269	177	2.86
G	BW VALENCIA-ET	840003126536268	13K	100	F	551JE1657			75	282	0.10	36	0.02	14	299	291	274	165	3.03
G	HOMETOWN IRWIN ATTRACTION 83A	CAN 011879369	80K	100	F	91JE5592			76	633	-0.03	24	0.01	25	278	266	240	178	2.92
G	RIVER VALLEY VICTORIOUS-ET	840003126479524	99K	100	F	7JE5032			76	-106	0.13	20	0.07	10	255	229	171	161	2.89
G	ISAU BUSHLEA PN VIRAL-ET	AUS 000705410	99K	100	F	200JE8187			76	-439	0.28	33	0.13	8	277	248	178	248	3.19
G	JX DUPAT PLUS 473 {4}	USA 067163473	13K	100	C	44JE527			73	1199	-0.11	33	-0.03	36	229	228	230	211	2.98
G	DUPAT BRIER 476-ET	USA 067163476	13K	100	C	44JE529			75	1332	-0.14	36	-0.01	44	246	238	220	164	2.95
G	DUPAT BRIER 474-ET	USA 067163474	13K	100	C	44JE528			75	1287	-0.11	40	-0.02	41	241	235	223	174	2.97
G	GOLDEN DOMINATE-ET	CAN 012344082	99K	100	F	94JE4062			76	276	0.08	28	0.03	14	219	208	184	150	2.98
G	S & B PT MARVEL MY GUY-ET	USA 067110855	8K	100	F	566JE101			75	549	0.00	25	0.01	22	266	255	232	158	2.93
G	BUTTERCREST SAVVY	USA 118695189	80K	100	F	7JE1409			75	410	0.01	20	-0.03	9	245	254	275	235	3.12
G	RIBBLESDALE BEAUMONT	GBR 000055792	8K	100	F	224JE2336			70	-262	0.27	38	0.09	7	191	164	101	172	2.90
G	SPRUCE-H CHRIS-PP-ET	USA 067106207	8K	100	C	202JE602			75	8	0.18	34	0.03	5	221	213	195	108	3.02
G	HOMETOWN GAMEPLAN-ET	USA 118406769	80K	100	F	91JE5521			77	-432	0.18	14	0.07	-1	140	123	81	107	3.05
G	BW ARMISTICE-ET	USA 117795635	50K	100	C	44JE521			78	-114	0.09	13	0.04	3	127	121	105	108	3.12
G	RIVER VALLEY RICKI ROCKSTAR	840003126479237	99K	100	F	200JE10009			74	-806	0.21	0	0.07	-16	109	95	61	94	2.97
G	RIVER VALLEY JOYRIDE-ET	840003126479085	99K	100	C	200JE10011			75	-102	0.07	7	0.05	6	99	89	63	39	3.14
G	HOMETOWN MERCHANT ANDRETTI-ET	CAN 011295001	50K	100	C	91JE5453			77	584	0.04	36	0.02	25	114	104	82	48	3.12
G	COVINGTON MILAD TRISTRAM-P	USA 118541332	80K	100	F	566JE102			74	-580	0.19	10	0.07	-8	82	66	29	24	2.96
G	ENNISKILLEN ENGINEER 401	CAN 012038719	99K	100	F	224JE2479			76	-735	0.22	8	0.07	-13	103	92	65	94	3.13
G	BW ATLAS-ET	USA 117799901	50K	100	F	44JE520			78	613	0.00	29	-0.04	15	96	104	122	0	3.09
G	ROYALTY RIDGE MB FULL THROTTLE	USA 118534918	80K	100	F	147JE6221			75	-784	0.14	-10	0.08	-16	58	45	13	41	2.98
G	GOLDEN TOPEKA DRAGON-ET	CAN 011664219	80K	100	F	91JE5591			76	-675	0.23	12	0.06	-12	39	31	8	-31	3.13
G	RIVER VALLEY VENUS V I P-ET	840003126479167	99K	100	F	200JE10003			75	-1079	0.18	-18	0.08	-25	-12	-20	-43	0	3.10
G	PLEASANT NOOK WR HG VENUE	CAN 011950642	80K	100	F	91JE5604			75	-1508	0.37	-2	0.16	-24	0	-31	-109	33	3.09
G	COLTON FLAME FIREMAN	USA 118155636	99K	100	F	94JE4004			75	-987	0.18	-12	0.09	-19	-46	-60	-94	-69	3.11
G	TRIPLE-T-CF MR SWAGGER-ET	840003128791561	99K	100	F	7JE1605			75	-1630	0.30	-21	0.12	-34	-64	-82	-130	-49	3.16
G	PLEASANT NOOK WR TEQUILAS VENOM-ET	CAN 011950641	80K	100	F	91JE5603			74	-1941	0.42	-13	0.18	-33	-198	-229	-309	-210	3.27
G	J-KAY TEQUILA FIZZ	USA 067060052	99K	100	F	7JE1486			75	-1206	0.17	-26	0.06	-33	-239	-239	-243	-277	3.16
G	PAYNESIDE GAME CHANGER	CAN 011830110	99K	100	F	94JE4029			74	-1207	0.14	-30	0.05	-33	-300	-296	-291	-286	3.27

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI August 2017

PL	LIV	DPR	CCR	HCR	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
3.2	-0.8	3.1	3.6	3.7	2.0	105	0	0	64	-1.1	-1.5	-0.5	-0.8	L0.7	-0.8	S0.6	L0.6	-0.9	-0.7	-0.6	0.0	D0.2	W0.9	L0.2	W0.3	C0.2	-6.8
3.6	-0.8	-0.1	0.2	-1.1	8.6	102	0	0	74	1.6	2.6	0.8	1.3	L0.1	1.1	0.0	S0.9	1.2	1.2	1.0	0.8	S1.3	C1.8	L0.3	C1.3	C0.3	17.4
1.8	-2.0	-1.9	-1.4	3.8	5.7	102	0	0	75	1.8	1.4	0.8	1.4	L0.9	0.7	P0.2	S0.3	2.0	2.3	1.1	-0.5	S2.3	C0.4	L0.2	C0.1	C0.3	20.4
4.0	-0.6	0.6	1.5	1.8	6.4	101	0	0	72	0.8	-0.5	-0.4	-0.3	H0.8	0.1	P0.4	S0.3	1.2	1.1	-0.2	0.3	S1.9	W0.1	L0.2	C0.1	C0.6	15.4
5.6	2.6	1.3	0.8	1.5	9.0	101	0	0	77	2.4	1.8	-0.9	1.6	H0.7	0.4	P0.3	S1.5	2.7	2.2	1.2	1.4	S3.8	C1.1	L0.1	C1.6	B0.4	37.2
2.9	0.4	0.9	0.9	-0.5	7.0	99	0	0	75	1.5	1.5	-0.3	1.2	L0.2	0.0	S0.3	S0.5	1.7	1.4	0.9	0.4	S2.3	C0.5	S0.3	0.0	C0.5	21.6
4.1	0.1	-1.2	-1.5	1.9	9.2	98	0	0	75	1.1	1.4	0.2	0.0	L1.3	0.7	P0.4	S0.6	1.1	0.2	0.0	0.3	S2.6	C0.6	0.0	C0.9	C1.0	17.2
5.0	-0.6	0.4	0.2	2.3	7.9	94	0	0	74	1.5	0.0	-0.3	0.8	L0.2	0.1	S0.1	S0.3	1.7	1.9	0.6	-0.3	S2.2	C0.1	L0.4	C0.4	C0.1	18.0
5.2	1.9	0.2	0.6	1.3	8.6	92	0	0	73	2.6	2.7	0.4	1.3	H0.9	1.5	P0.5	S1.8	3.8	2.1	1.0	0.7	S4.5	C1.1	L0.1	C1.1	C0.2	40.5
2.8	0.2	-2.5	-2.5	-0.2	9.2	90	0	0	73	2.0	2.8	0.5	1.4	L0.1	1.0	P0.6	S1.3	2.5	1.8	1.0	0.2	S2.8	C0.2	L0.4	C0.2	C0.1	24.9
2.7	0.8	0.5	1.2	0.0	6.0	89	0	0	74	0.2	-0.2	-0.3	0.0	L0.1	-0.5	S0.2	0.0	0.2	0.1	0.0	-0.2	S0.5	C0.3	S0.2	W0.6	C0.4	3.0
2.2	-0.3	-0.6	0.0	1.6	10.1	88	0	0	78	1.1	0.4	-0.2	1.2	L0.8	0.2	P0.3	S0.8	0.8	0.7	0.9	0.8	S1.0	C2.3	L0.4	C0.9	C1.0	14.1
1.5	-1.2	1.2	2.5	2.8	1.9	88	0	0	63	-0.2	0.3	0.2	-0.5	L0.6	-0.3	S0.1	0.0	0.3	-0.3	-0.4	0.3	S1.5	C0.1	L0.5	W0.7	C0.4	7.2
1.4	-0.7	-0.1	-0.2	-1.3	4.0	87	0	0	70	-0.5	0.4	-0.1	-0.6	H0.4	0.6	P0.5	S0.7	1.2	-0.4	-0.4	-0.5	S2.7	W0.5	S0.3	W0.9	C0.7	12.3
2.1	0.1	-1.6	-1.8	-0.1	7.2	86	0	0	74	0.7	-0.1	0.0	0.2	L0.2	0.3	S0.4	S0.1	1.4	1.3	0.2	0.0	S1.7	W0.3	L0.3	C0.2	B0.7	14.1
3.0	-0.7	-1.6	-2.0	0.8	9.4	85	0	0	75	1.2	1.2	-0.3	1.1	L1.2	0.4	S0.2	L0.2	1.2	0.7	0.8	-0.2	S2.2	C1.4	S0.5	C0.7	C0.4	17.0
3.1	2.2	-3.1	-2.3	1.8	9.7	84	2	2	79	1.8	2.1	0.2	1.1	L0.4	0.5	0.0	S0.9	1.8	1.4	0.8	0.3	S2.3	C0.6	L0.1	C0.8	C0.3	20.9
4.4	-0.4	-3.5	-3.8	-0.5	8.5	83	0	0	75	2.1	-0.4	-0.7	1.5	H0.8	-0.1	P0.6	L0.1	2.5	2.1	1.1	0.0	S3.1	C1.3	S1.3	C0.6	C0.2	30.3
2.8	-0.4	-2.2	-3.2	-0.5	9.0	81	0	0	76	1.4	0.8	-0.9	1.3	L0.6	-0.8	S0.2	L0.3	0.9	2.0	1.0	-0.1	S1.3	C0.2	S0.6	C0.6	C0.3	14.5
4.2	-1.8	-1.4	-2.0	0.0	7.9	79	0	0	76	1.9	1.2	0.1	0.9	H0.4	0.6	P1.1	S0.8	2.9	2.1	0.7	0.7	S3.3	C1.9	S0.6	C0.9	B0.4	34.6
2.2	0.2	0.9	0.3	0.8	8.4	78	0	0	76	2.0	0.4	0.0	1.7	H1.2	0.3	P0.5	S1.3	2.1	1.6	1.3	0.3	S1.3	C1.5	S0.7	0.0	C0.4	20.3
0.0	-4.3	-0.5	-1.1	-2.4	5.4	76	0	0	72	0.7	0.5	-0.6	0.9	H0.6	0.1	P0.3	S0.1	0.5	1.6	0.7	-0.3	S0.7	C0.3	L0.8	C0.5	B0.3	6.7
1.4	-3.5	-2.0	-2.0	-1.9	8.7	72	0	0	75	0.4	0.9	0.5	0.5	L0.3	0.3	S0.2	L0.6	-0.1	0.4	0.4	-0.2	D1.1	C0.7	L0.6	C0.3	C0.1	-5.0
0.6	-1.9	-1.5	-1.3	-2.0	8.2	70	0	0	75	0.2	1.2	0.5	0.5	L1.2	0.2	S0.8	L1.1	-1.0	0.4	0.3	0.3	D1.4	C0.1	L0.8	C0.3	C0.1	-8.0
2.7	-1.8	-1.8	-0.2	2.1	8.0	69	0	0	76	1.5	0.8	0.5	0.7	H0.3	0.3	P0.1	S0.8	2.3	1.4	0.6	0.7	S2.0	C1.6	S0.1	C0.5	0.0	24.1
3.6	-0.2	-2.6	-1.7	0.2	8.0	68	1	2	75	0.6	-0.9	-0.9	0.3	H0.3	-0.6	P0.1	L0.2	0.6	0.5	0.2	-0.7	S0.8	W0.6	0.0	W0.1	C0.3	3.2
3.5	1.8	0.5	0.7	1.2	8.3	68	0	0	75	1.7	1.4	-0.5	1.7	H0.2	0.3	P0.6	S0.4	1.0	2.0	1.3	0.6	S1.3	C0.8	0.0	C1.3	C0.1	17.4
0.0	0.1	0.9	1.8	-0.7	4.6	63	0	0	70	0.3	1.4	0.8	-0.2	L0.3	0.8	S0.5	S0.1	0.9	-0.5	-0.2	0.1	S1.4	C0.8	S0.8	W0.6	C0.2	10.2
3.1	0.9	-3.3	-1.7	1.5	8.9	53	0	0	75	1.1	-0.3	-0.2	1.2	H0.9	0.1	S0.2	L0.3	0.9	1.1	0.9	0.9	S1.0	C0.2	S0.3	C1.5	B0.4	14.3
1.3	-0.2	-0.4	-0.5	1.7	8.1	44	5	7	81	1.6	0.1	-0.6	0.9	H1.1	0.2	P0.1	S0.5	1.8	1.7	0.7	0.2	S2.1	C0.6	L0.1	C0.4	B0.4	20.4
2.1	-0.4	0.1	0.4	-0.6	8.7	35	0	0	78	1.0	0.1	-0.4	0.9	L0.4	-0.3	S0.2	S0.1	0.9	1.2	0.7	0.2	S0.8	C0.6	S0.5	C1.0	C0.6	11.7
4.7	0.6	1.2	1.3	2.3	7.0	32	0	0	73	1.3	2.1	0.5	0.2	H0.7	1.2	P0.5	S0.7	2.3	1.0	0.1	0.6	S3.4	C0.9	L0.2	C0.5	B0.4	27.5
1.5	-1.4	-1.9	-2.1	1.3	7.6	31	0	0	74	2.1	1.7	0.2	1.4	H0.3	0.7	P0.9	S1.2	2.2	2.4	1.1	0.4	S2.7	C0.8	L0.3	C0.9	B0.3	26.8
-1.7	-2.6	-2.3	-3.3	-2.2	8.6	26	0	0	77	0.3	1.5	0.2	1.1	L1.1	0.0	P0.4	L0.3	-0.9	0.4	0.8	-0.2	D0.9	W0.9	L0.3	C0.7	C0.7	-7.8
2.1	0.2	-1.1	-1.2	1.3	8.8	21	0	0	76	1.7	0.9	0.8	1.0	H0.9	0.9	0.0	S0.8	2.0	1.3	0.8	0.7	S1.0	C1.7	S0.3	C0.7	B0.3	19.0
3.0	1.9	1.3	0.6	-0.5	7.7	21	0	0	75	1.1	0.7	0.3	0.2	H0.4	0.5	P0.7	S0.8	1.9	0.8	0.1	0.0	S2.0	C0.5	S0.2	W0.1	C0.3	17.4
0.7	-1.8	-3.9	-3.5	-1.5	8.8	20	0	0	79	0.7	0.7	-0.2	1.4	L1.1	-0.3	S0.9	L0.9	0.0	1.1	1.1	-0.3	0.0	W0.2	S0.5	C0.1	C0.3	2.4
3.6	3.4	1.3	0.6	1.8	7.3	10	1	1	76	0.9	0.4	0.9	-0.3	H0.6	0.8	P0.8	S0.6	1.8	0.1	-0.2	0.5	S1.7	C0.6	L0.8	C0.5	C0.2	14.4
2.3	-3.1	-2.5	-2.2	-0.2	8.1	7	0	0	76	1.9	1.5	0.0	1.5	L0.7	0.4	P0.7	S1.1	2.6	2.4	1.1	0.5	S2.9	C1.2	0.0	C0.7	0.0	30.2
1.9	3.5	1.3	1.1	1.0	4.7	0	0	0	73	1.1	2.1	-0.2	0.2	H0.8	0.6	P0.1	S0.9	2.3	1.4	0.2	1.1	S3.6	W0.2	L0.6	C0.4	B0.7	29.4
0.8	0.8	2.7	3.0	0.3	5.4	-3	0	0	74	0.9	1.2	0.5	-0.1	H1.3	1.0	P0.5	S1.0	1.7	0.1	0.0	-0.6	S1.8	C1.0	S0.5	C0.4	B0.1	12.9
1.2	1.9	-0.2	-0.3	1.0	6.7	-14	0	0	75	1.3	1.9	1.1	0.8	H0.6	1.2	P0.8	S0.7	1.9	1.4	0.6	0.7	S2.2	C1.3	L0.1	C0.6	B0.4	23.2
1.3	3.2	1.4	1.0	2.0	6.6	-16	0	0	74	1.0	1.7	-0.4	-0.2	H0.5	0.1	0.0	S0.8	2.4	1.1	-0.1	0.6	S4.0	0.0	L0.1	C0.7	B0.8	29.7
-0.9	-1.5	-0.2	-0.4	-0.8	4.2	-64	0	0	73	1.1	2.7	0.8	-0.2	H0.1	0.8	P1.3	S1.0	1.7	0.6	-0.2	0.2	S2.7	W0.5	L1.2	C0.5	B0.3	16.7
0.9	-0.9	-2.1	-1.9	-0.2	5.0	-76	0	0	74	0.9	1.9	0.7	0.2	H1.1	1.1	P0.5	S0.3	1.7	1.0	0.1	0.8	S2.5	C0.5	L1.3	C0.5	B0.7	20.3
-0.9	-1.3	-0.8	-1.2	-0.1	4.4	-88	0	0	73	1.1	1.6	0.7	-0.1	L0.1	0.2	P1.0	S0.3	1.4	0.6	-0.1	0.5	S2.4	W0.1	L0.7	C0.6	B0.6	17.0