

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2019

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrs	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
G	JX KASH-IN GOT JIGGY (6)-ET	840003138463636	99K	100	F	551JE1717			77	1491	0.01	73	0.03	60	699	667	603	558	2.67
G	JX SEXING GOT MAID PURSUE (4)-ET	840003132353767	99K	100	F	551JE1732			76	1825	-0.07	72	0.01	68	670	642	586	496	2.70
G	JX PROGENESIS GIFTED (5)-ET	124 111180165	99K	100	F	777JE1201			76	1228	0.09	78	0.08	61	679	636	545	489	2.81
G	JX FARIA BROTHERS LONG (5)-ET	840003200649024	99K	100	F	1JE7105			72	734	0.16	68	0.11	49	675	628	528	563	2.84
G	JX CDF JLS PILGRIM THRASHER (6)-ET	840003006436075	99K	100	F	507JE1758			76	1193	0.02	60	0.03	49	667	643	593	611	2.89
G	JX CROSSWIND ZINC OSKA (4)-ET	840003150320964	99K	100	F	11JE7018			73	746	0.16	69	0.09	46	686	644	555	557	2.82
G	JX PVF WC ZINC (5)-ET	USA 119966684	99K	100	F	1JE1074			76	502	0.26	76	0.13	44	683	633	526	553	2.84
G	JX PEAK ALTAMONTRA (6)-ET	840003140986383	99K	100	F	11JE1369			76	1298	0.07	77	0.07	62	666	628	546	528	2.98
G	JX FOREST GLEN SUCCESSION (6)-ET	USA 067650295	99K	100	F	7JE1716			76	1730	-0.08	66	0.02	66	654	626	569	504	2.77
G	JX FARIA BROTHERS BUTKUS (4)-ET	840003144724624	99K	100	F	14JE1712			74	837	0.25	91	0.08	47	681	643	562	551	2.88
G	JX FOREST GLEN GOT MAID DANIEL (6)-ET	USA 067650254	99K	100	F	14JE1683			76	1766	-0.10	62	0.00	64	627	603	556	475	2.73
G	JX CAL-MART VERIZON (4)-ET	USA 067374660	99K	100	F	29JE4176			75	1086	0.04	59	0.06	52	670	638	568	592	2.95
G	PRIMUS VICEROY CALIBAN-ET	840003006436062	99K	100	F	7JE1787			76	1118	0.03	59	0.04	48	640	613	556	572	2.82
G	JX AVI-LANCHE VICEROY DASHIELL (6)-ET	840003131412772	99K	100	C	7JE1722			76	1161	0.09	73	0.06	55	685	651	580	574	2.98
G	JX PINE-TREE ENZO DAVID 1908 (4)-ET	USA 067771908	99K	100	F	551JE1757			72	1220	0.02	63	0.06	56	649	614	540	507	2.83
G	JX FOREST GLEN GOT MAID BRAZEN (6)-ET	USA 067650294	99K	100	F	7JE1717			76	1884	-0.08	72	0.02	72	621	591	530	446	2.79
G	JX SUN VALLEY JAYWALK (6)-ET	USA 173324101	99K	100	F	777JE1196			78	1314	0.04	70	0.06	59	634	596	518	480	2.71
G	JX CAL-MART WESTPORT (5)-ET	USA 067374603	99K	100	F	29JE4117			76	590	0.23	75	0.12	45	664	616	513	519	2.80
G	JX DUTCH HOLLOW MIGHTY-ET	840003131737628	99K	100	F	29JE4079			77	823	0.22	85	0.14	59	661	601	475	477	2.81
G	JX AHLEM CRAZE PROTEUS (6)-ET	840003144728355	99K	100	F	7JE1737			75	1040	0.10	70	0.04	46	634	607	551	535	2.87
G	JX FOREST GLEN AMSTERDAM (6)-ET	USA 067650245	99K	100	F	7JE1684			76	1802	-0.14	55	0.00	65	605	584	542	499	2.86
G	JX PROGENESIS GINKGO (5)-ET	124 111129563	99K	100	F	200JE1200			76	1212	0.09	77	0.05	54	638	606	539	479	2.84
G	JX CROSSWIND ZINC ALLTIME (4)-ET	840003150320959	99K	100	F	7JE1775			73	566	0.17	62	0.09	38	645	607	526	501	2.80
G	JX ELM-J ALTAALLOY (4)-ET	840003200373379	99K	100	F	11JE7026			71	1103	0.18	90	0.09	58	689	651	567	520	3.12
G	JX FARIA BROTHERS URLACHER (6)-ET	840003144724492	99K	100	F	7JE1739			76	934	0.13	71	0.11	57	653	600	489	475	2.71
G	JX RIVER VALLEY CHIEF (6)-ET	USA 075341195	99K	100	F	777JE10034			76	1451	0.02	73	0.00	52	619	602	568	515	2.86
G	JX DUPAT JLS STRMCLD DORSAL (5)-ET	840003141725606	45K	100	F	147JE6229			75	1573	-0.03	68	0.00	56	625	610	579	526	2.99
G	JX CROSSWIND VITUS (4)-ET	840003150320917	99K	100	F	200JE1203			77	1037	0.11	72	0.07	52	653	620	548	534	3.05
G	JX PRIMUS ENZO CHATHAM (4)-ET	840003200210433	99K	100	F	7JE1789			72	1330	0.01	65	-0.01	46	620	605	576	539	2.75
G	JX FOREST GLEN ALTO (6)-ET	USA 067650279	99K	100	F	29JE4119			76	1588	-0.08	58	0.00	58	600	578	533	453	2.74
G	JX FARIA BROTHERS KLEERLY (5)-ET	840003200650065	99K	100	F	1JE7110			72	1175	0.05	66	0.03	49	642	617	564	541	2.86
G	JX CROSSWIND EVISTA (4)-ET	840003149120799	99K	100	C	1JE7027			73	893	0.14	72	0.06	44	651	619	552	495	2.79
G	JX LOVES OCTAVIUS (6)-ET	USA 172979241	99K	100	F	777JE1159			76	1126	0.12	79	0.11	64	632	585	481	470	3.09
G	HILMAR VICEROY MIAMI	USA 172552682	99K	100	F	7JE1657			76	1238	-0.04	51	0.03	51	606	582	531	518	2.92
G	JX FOREST GLEN BALTAZAR AMORE (6)-ET	USA 067650232	99K	100	F	29JE4105			77	1374	-0.12	39	0.00	50	560	541	505	469	2.81
G	JX SCHOENE KUH NOODLE (4)-ET	840003146031915	99K	100	F	14JE1765			76	722	0.19	74	0.10	47	612	572	483	479	3.02
G	JX MOUNT ROCK VICEROY ALPHA (4)	USA 067686884	99K	100	F	29JE4162			75	999	0.01	50	0.02	41	597	579	541	518	3.01
G	PEAK VCRY SHOWTIME-ET	840003200824138	99K	100	F	1JE7010			76	1531	0.03	79	0.02	60	632	610	563	523	3.06
G	JX PINE-TREE AROUND (5)-ET	USA 067731469	99K	100	F	1JE1075			77	735	0.19	73	0.13	53	645	595	486	482	3.01
G	JX PROGENESIS MARKUP (5)-ET	124 110879045	99K	100	F	777JE1181			75	1062	0.00	50	0.05	48	604	572	506	491	2.71
G	JX PEAK ALTAATHLETE (5)-ET	840003145378375	99K	100	F	11JE1370			76	674	0.11	54	0.11	46	582	535	437	462	2.76
G	YOSEMITE JLS KWYNN ROWAN-ET	840003131274492	99K	100	F	507JE1760			77	575	0.14	55	0.10	41	602	561	473	498	2.86
G	JX TAYLOR BROTHERS GM MACEO (4)-ET	840003132356546	99K	100	F	551JE1752			75	1357	0.06	78	0.04	58	617	585	520	501	2.84
G	RIVER VALLEY BUTTONS BIONIC-ET	840003133234887	99K	100	F	777JE10045			77	1644	-0.13	51	-0.02	55	576	564	541	496	2.90
G	JX FARIA BROTHERS ALTAZADANE (4)-ET	840003149514358	99K	100	F	11JE1379			77	821	0.12	63	0.08	47	611	571	487	509	2.83
G	JX PRIMUS KLAY HAWKINS (4)-ET	840003201475794	99K	100	F	7JE1772			73	780	0.06	50	0.06	41	576	543	475	479	2.81
G	JX BW LIGHTNING (6)	USA 173135567	99K	100	F	505JE128			78	1721	-0.15	50	0.01	65	555	533	485	447	2.98
G	JX AHLEM WORLD CUP HIDALGO (5)-ET	840003144728322	99K	100	F	14JE1736			77	369	0.14	46	0.11	35	589	548	459	498	2.88
G	PROMETEDOR LOOT-ET	USA 067119938	99K	100	F	777JE1138			77	1109	0.19	92	0.11	63	662	618	519	482	3.19
G	JX LUCKY HILL WHAMBAM (5)-ET	USA 172977801	99K	100	F	200JE1160			78	1555	0.01	75	0.02	61	604	578	525	403	2.90
G	JX ABS HOTLINE (4)-ET	840003141494349	99K	100	F	29JE4093			75	1077	0.12	77	0.10	59	610	568	475	443	3.04
G	JX FARIA BROTHERS ASENSIO (4)-ET	840003140305961	99K	100	F	551JE1710			77	1071	0.14	79	0.11	61	611	565	463	460	3.01
G	PROGENESIS SKYLER-ET	CAN 012672209	99K	100	F	777JE1132			77	1205	0.16	90	0.02	47	655	636	596	508	2.94
G	JX PEAK ALTAGRAPPLE (5)-ET	840003147840033	99K	100	F	11JE1382			76	1303	-0.01	60	0.07	62	554	515	433	446	2.95
G	JX AHLEM BALTAZAR KIAWA (6)-P-ET	USA 067823735	99K	100	F	7JE1617			76	1349	-0.05	54	0.01	51	552	534	495	440	2.95
G	JX LYLESTANLEY ALTAHASHTAG (5)-ET	USA 173297636	99K	100	F	11JE1393			75	803	0.11	60	0.10	49	616	573	482	482	2.90
G	JX JER-Z-BOYZ WINWOOD (5)-ET	USA 173272909	99K	100	F	551JE1751			77	374	0.19	56	0.13	39	598	550	448	498	2.86
G	JX SHOT OF NAT ALVIN (4)-ET	USA 067801269	99K	100	F	29JE4182			76	629	0.03	36	0.04	30	544	521	473	460	2.73
G	JX AHLEM BALTAZAR FIRESTAR (6)-ET	USA 067823730	99K	100	F	7JE1662			77	1303	-0.09	43	0.02	52	540	517	469	471	2.91
G	JX WILSONVIEW SKYMAN (6)-ET	USA 173275032	99K	100	F	777JE1184			77	696	0.21	75	0.07	40	618	587	520	521	3.02
G	JX FOREST GLEN FRISCO TODD (6)	USA 067650310	99K	100	C	29JE4126			75	1346	-0.01	61	0.07	63	582	544	462	401	2.95
G	JX FARIA BROTHERS THANOS (4)-ET	840003149595911	99K	100	F	97JE194			72	1120	0.04	62	0.02	44	576	555	514	482	2.83
G	JX PINE-TREE WORLD CUP PISTOL (5)-ET	USA 067771742	99K	100	F	551JE1738			75	632	0.20	70	0.12	47	600	550	445	466	2.78
G	AHLEM CRAZE JALAPENO 24052-ET	840003144728247	45K	100	F	100JE7412			74	1171	-0.02	51	0.02	46	571	551	510	485	2.90
G	BAR MB CRAZE CASTRO	840003151584695	99K	100	F	14JE1762			76	827	0.08	56	0.04	38	592	567	517	462	2.87
G	YOSEMITE PILGRIM ROBBER-ET	840003131274493	99K	100	F	14JE1780			76	1366	-0.13	38	0.00	50	547	530	494	526	2.88
G	ALL LYNNIS LISTOWEL DALTON-P-ET	USA 173175006	99K	100	F	29JE4137			77	1089	-0.01	50	0.04	47	563	535	477	486	2.78
G	JX AHLEM FRISCO PINE (6)-ET	USA 067823956	99K	100	F	7JE1699			76	550	0.11	48	0.11	43	547	502	406	458	2.92
G	VICTORY CRAZE SRIXON (6)	USA 173393305	99K	100	F	7JE1750			75	988	0.10	68	0.03	42	590	567	521	467	2.90
G	PRIMUS CRAZE STARLORD-ET	840003141725644																	

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PL	LIV	DPR	REL	CCR	HCR	EFI	JPI	Type Hds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
6.1	0.1	-0.9	66	-0.2	2.1	8.9	206	0	0	78	1.3	0.9	0.4	1.3	H0.3	0.3	P0.4	S0.8	1.2	0.9	1.0	0.4	S0.9	C0.3	L0.1	C0.5	C0.5	11.7
5.6	-1.7	-2.6	64	-2.6	1.1	8.0	205	0	0	77	2.3	1.1	0.5	1.7	L0.2	0.2	S0.2	S0.6	2.0	1.7	1.3	0.6	S1.3	C1.5	L0.2	C0.8	C0.6	20.0
4.2	-0.2	-3.1	66	-3.1	2.0	7.5	198	0	0	76	1.8	0.7	-0.4	1.6	H0.4	-0.1	P0.7	S0.9	1.5	2.0	1.2	0.4	S1.4	W0.3	L0.3	W0.4	0.0	16.6
5.4	1.9	0.6	59	1.1	3.9	6.3	198	0	0	73	1.4	1.1	0.5	1.1	H0.4	0.5	0.0	S0.3	1.4	1.2	0.8	0.3	S1.6	C0.6	L0.3	C0.9	B0.2	15.8
7.2	3.8	2.9	64	3.2	3.9	6.8	197	0	0	77	0.8	1.3	1.0	0.4	L0.4	0.7	S0.7	0.0	0.9	-0.2	0.3	1.1	S0.7	C1.6	L0.1	C1.1	C0.3	11.4
5.8	2.1	0.1	61	-0.7	2.1	6.9	197	0	0	74	2.0	0.2	-0.1	1.6	H0.5	0.4	P0.5	S0.7	1.8	2.1	1.2	0.3	S1.3	C0.3	L0.4	C1.1	B0.6	17.5
4.9	2.4	0.1	66	0.2	2.6	7.3	197	0	0	77	1.6	1.5	0.3	1.6	H0.6	0.7	S0.2	S0.5	1.6	0.9	1.2	0.4	S1.6	C1.4	S0.3	C1.4	B0.9	18.0
4.6	-0.9	-1.3	66	0.5	2.5	8.0	196	0	0	77	1.9	0.9	0.8	0.8	L0.1	0.7	S0.2	S0.7	2.7	1.4	0.6	0.4	S1.7	C0.9	L0.4	0.0	C0.6	21.1
6.3	-1.5	-1.6	64	-0.7	1.5	7.9	194	0	0	77	1.2	1.2	-0.1	0.6	L0.3	-0.2	P0.4	S0.8	1.1	0.7	0.5	-0.1	S1.8	W0.6	L0.5	W0.5	C0.6	11.1
4.6	-0.5	-0.7	61	-0.1	1.7	6.8	194	0	0	74	1.6	0.3	-0.2	1.5	L0.3	0.0	S1.0	L0.2	0.9	1.3	1.1	0.5	S1.1	C0.5	S0.1	C0.9	0.0	13.8
5.7	-0.6	-2.1	64	-1.0	1.2	8.1	193	0	0	77	1.4	-0.3	-0.1	1.1	L0.1	-0.4	P0.2	S0.5	1.1	0.9	0.8	0.8	S0.8	C1.4	L0.1	C1.2	C0.5	13.9
7.0	3.0	2.2	64	2.3	2.8	6.4	193	0	0	77	0.7	0.1	0.3	0.3	L0.3	0.3	S0.4	S0.1	0.8	0.8	0.2	0.3	S0.8	C0.1	L0.7	C0.9	C0.4	8.1
6.4	1.4	1.7	67	2.9	3.3	8.9	193	0	0	77	1.3	1.6	0.4	0.3	L0.8	1.0	S0.4	S0.3	2.4	1.7	0.2	-0.3	S2.2	C0.2	L0.3	C0.6	C0.4	19.7
5.8	1.9	0.4	61	1.5	3.2	5.7	192	0	0	76	1.4	1.7	1.3	0.7	L0.3	1.5	S0.2	S0.7	1.9	1.0	0.5	0.2	S1.4	C0.6	L0.5	C1.0	B0.1	15.1
5.5	0.6	-1.1	61	-1.1	2.4	7.5	191	0	0	74	2.5	2.2	1.1	2.0	L0.4	1.0	P0.3	S1.4	1.9	2.2	1.5	0.7	S1.7	C1.0	S0.1	C0.9	C0.2	23.1
4.3	-3.7	-3.5	64	-2.3	1.7	7.7	190	0	0	77	1.8	0.2	0.3	1.4	0.0	-0.4	P0.5	S0.5	1.3	1.3	1.0	0.4	S1.1	C0.7	L0.3	C0.3	C0.7	14.1
5.1	-0.8	-1.5	66	-1.4	1.6	8.4	190	0	0	78	1.5	0.8	0.6	0.4	L0.9	0.3	S0.3	S0.4	1.7	0.6	0.3	0.2	S1.5	C1.0	0.0	0.0	0.0	15.2
5.1	1.0	-0.7	65	-1.1	3.0	7.3	190	0	0	76	1.5	0.3	0.1	0.9	H0.1	0.4	P0.1	S0.6	2.1	1.2	0.7	-0.3	S1.3	C2.1	0.0	C1.4	B0.4	16.5
4.0	-1.5	-2.0	69	-2.3	1.2	9.4	189	0	0	79	0.9	0.0	0.7	0.2	H0.6	0.9	P0.6	S0.2	1.3	-0.2	0.1	0.5	S0.7	C1.5	S0.3	C1.3	0.0	10.7
5.0	1.1	0.1	64	0.8	2.4	8.7	189	0	0	77	1.7	1.3	-0.3	1.2	L0.5	0.1	S0.7	0.0	1.8	1.8	0.9	0.3	S2.2	C1.2	L1.0	C1.0	B0.5	20.8
4.9	0.6	-0.5	62	0.3	2.2	6.9	188	0	0	76	1.5	0.6	0.5	0.9	L0.7	-0.2	P0.1	S0.8	1.0	0.7	0.7	0.7	S1.3	C1.0	L0.2	C1.2	C0.5	14.2
3.9	-0.2	-2.5	67	-2.2	2.5	7.5	188	0	0	76	2.1	1.8	0.3	1.4	L0.4	0.5	P0.3	S0.9	2.2	2.1	1.1	0.4	S2.5	C0.6	S0.2	W0.4	0.0	25.7
6.4	2.5	-0.6	62	-1.1	0.7	7.6	188	0	0	75	2.3	1.8	-0.2	1.1	L0.2	0.5	P0.1	S0.8	3.2	2.4	0.9	0.0	S4.0	C0.7	L0.1	C0.9	B0.3	34.1
4.1	0.7	-2.1	57	-2.3	1.7	5.4	187	0	0	72	2.0	2.2	1.1	2.3	H0.4	1.2	S0.2	S0.5	1.1	1.7	1.7	1.1	S1.1	C1.5	L0.6	C1.0	B0.7	17.9
5.7	-2.1	-2.1	61	-0.7	1.3	7.1	187	0	0	75	1.3	1.8	1.1	0.4	H0.3	0.8	P0.7	S1.0	2.8	1.3	0.3	-0.6	S2.6	W0.9	L1.4	W0.6	C0.1	17.3
4.8	-1.5	-0.9	63	-0.4	2.8	7.9	187	0	0	77	2.2	0.7	-0.3	2.5	L0.7	-0.1	S0.3	L0.1	0.9	2.7	1.9	1.3	S0.4	C1.3	L0.5	C1.3	B0.6	17.5
5.2	1.4	0.0	61	-0.2	1.9	7.1	186	0	0	76	1.2	0.2	-0.2	1.4	L0.1	-0.1	S0.9	L0.1	1.0	1.1	1.0	0.8	S0.5	C1.0	0.0	C2.0	C0.2	12.5
5.1	1.2	-0.4	68	0.4	2.7	8.4	186	0	0	78	1.9	1.2	0.6	1.7	L0.2	1.2	0.0	S0.6	1.9	1.9	1.3	0.6	S1.3	C0.8	S0.1	C0.9	0.0	19.8
6.0	1.0	0.6	61	1.4	3.2	7.5	186	0	0	74	1.5	0.6	0.4	0.7	L0.3	0.3	S0.2	S0.3	1.8	0.9	0.5	0.1	S1.5	C1.0	S0.2	C0.5	C0.3	16.2
5.6	0.8	-1.8	64	-1.1	1.4	8.1	185	0	0	77	1.5	1.0	0.3	1.2	L0.7	0.0	S0.5	S0.3	1.6	0.9	0.9	0.3	S1.8	C1.2	S0.1	C1.2	C0.5	17.9
6.0	1.5	0.4	58	0.5	3.4	6.3	184	0	0	73	1.6	1.6	0.6	1.2	H0.1	0.9	S0.1	S0.7	1.4	0.8	0.9	-0.4	S1.6	C0.9	0.0	C0.6	B0.3	13.0
5.5	2.7	-1.2	61	-2.1	0.1	6.9	184	0	0	75	2.2	2.2	0.7	1.6	L0.9	0.9	P0.1	S0.6	2.0	1.9	1.2	0.7	S2.0	C1.9	L0.2	C0.9	B0.3	24.5
2.6	-1.8	-2.5	68	-1.8	1.1	8.7	183	0	0	77	2.3	1.4	0.6	2.0	H0.1	0.6	S0.5	S0.8	1.9	2.5	1.5	0.7	S1.6	C0.4	L1.1	W0.4	B0.4	20.7
6.3	1.2	0.5	67	1.9	2.6	9.3	183	0	0	78	1.6	-0.1	0.4	1.0	H0.3	1.2	P0.5	S0.9	2.4	1.6	0.7	0.2	S1.6	C1.8	S0.2	C0.9	C0.4	21.6
5.5	1.5	-0.4	67	1.0	2.8	8.1	182	0	0	78	2.3	-0.3	-0.4	1.5	H0.8	-0.1	P0.4	S1.1	2.6	2.3	1.1	1.1	S2.3	C0.9	L0.8	C1.0	B0.3	27.9
4.6	-0.2	-1.1	66	-0.3	2.9	7.6	181	0	0	76	1.5	0.6	-0.4	1.2	L0.7	-0.1	S0.8	L0.1	1.1	1.3	0.9	1.1	S1.8	C0.7	S0.5	W0.3	C0.8	20.6
6.9	2.5	0.8	64	1.9	3.6	6.7	181	0	0	76	2.2	1.1	0.5	1.0	0.0	0.9	S0.1	S1.0	3.5	2.1	0.7	0.9	S3.1	C1.4	S0.1	C0.9	C0.3	34.8
4.1	0.1	-0.7	66	0.4	2.9	8.2	180	0	0	77	1.5	1.5	0.9	1.3	L1.6	0.7	S0.6	L0.1	0.7	1.5	1.0	0.6	S0.1	C0.2	S0.2	W0.2	C0.6	9.4
4.4	0.4	-1.8	65	-1.5	2.9	6.8	180	0	0	77	2.0	1.1	0.9	1.7	H1.3	1.2	P0.6	S1.3	2.0	1.8	1.3	0.7	S0.6	C2.7	L0.2	C1.0	B0.7	19.0
6.2	2.2	-0.1	65	1.1	4.6	7.7	180	0	0	76	1.1	1.6	0.5	0.3	L0.2	0.6	P0.1	S1.1	2.2	1.0	0.3	-0.8	S1.9	W0.1	S0.2	C0.7	B0.4	14.5
5.4	0.3	-0.2	66	0.4	3.4	8.2	180	0	0	77	1.3	-0.4	-0.7	0.7	H0.4	-0.4	S0.4	S0.1	1.5	0.8	0.5	0.2	S0.8	C1.1	S0.2	C0.7	B0.3	12.5
5.7	1.9	0.5	66	1.4	2.6	8.4	180	0	0	78	1.6	1.4	0.0	0.5	L0.4	0.8	P0.4	S0.9	2.5	1.2	0.4	0.3	S2.8	C0.1	S0.4	C0.8	C0.9	24.8
3.4	-0.9	-0.5	64	-1.1	0.4	7.3	179	0	0	76	1.0	0.9	0.6	0.8	L0.4	0.2	0.0	S0.4	0.6	0.6	0.6	0.6	S0.4	C0.2	L0.3	C0.1	C0.6	7.2
5.3	1.0	-0.2	66	2.0	4.3	8.2	179	0	0	78	1.7	1.3	0.7	1.3	L0.3	0.9	0.0	S0.7	2.2	1.7	1.0	0.5	S1.5	C1.5	L0.6	C1.2	C0.3	20.4
5.2	0.8	0.8	67	-0.1	2.3	7.9	179	0	0	78	1.3	1.1	0.4	1.0	H0.1	0.7	P0.2	S0.3	1.5	0.7	0.7	0.1	S1.0	C0.7	S0.2	C1.1	B0.3	12.3
5.8	1.7	0.5	62	0.8	2.5	7.8	178	0	0	75	1.4	1.2	0.2	0.4	L0.2	0.6	P0.5	S0.8	3.1	1.1	0.3	-0.2	S3.5	C0.2	S1.0	C0.4	C0.8	28.5
3.7	0.0	-1.5	68	0.2	4.2	8.5	177	0	0	78	1.7	0.2	-0.3	1.7	H0.2	-0.3	S0.6	S0.3	1.1	2.0	1.3	0.6	S0.7	0.0	L0.3	W0.2	B0.6	13.5
6.0	2.9	1.0	67	1.6	2.8	8.0	177	0	0	77	1.9	0.6	-0.6	1.8	H0.7	0.2	P0.1	S1.0	2.2	1.9	1.3	0.3	S1.9	C1.2	S0.3	C1.9	B0.2	23.0
3.5	-1.3	-2.6	68	-2.1	-0.4	8.5	176	0	0	78	1.5	2.3	1.0	1.5	L1.0	1.0	S0.2	S0.2	1.1	2.2	1.1	0.4	S1.2	W0.7	L0.5	W0.5	C0.3	14.2
4.0	-1.3	-4.4	67	-4.3	-0.1	8.4	176	0	0	78	1.9	0.6	-0.8	1.6	L0.9	-0.8	S0.2	S0.2	1.5	2.5	1.2	0.0	S1.7	C0.6	L0.6	0.0	C0.8	18.3
3.8	-1.7	-2.6	64	-1.8	1.8	6.5	176	0	0	77	1.4	0.9	0.1	1.4	L0.9	0.4	P0.3	S0.2	1.5	1.1	1.0	0.1	S1.5	C0.9	S0.6	C0.2	C0.7	16.5
3.2	-2.4	-1.9	67	-1.4	1.8	7.0	175	0	0	77	1.4	2.3	0.7	1.1	L1.2	0.4	0.0	S0.4	1.4	1.3	0.8	-0.2	S1.5	W0.2	S0			

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2019

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrs	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
G	JX FARIA BROTHERS TOBASCO (4)-ET	840003144724629	99K	100	F	97JE189			76	844	0.10	60	0.04	39	553	526	471	450	2.78
G	JX PINE-TREE DECADE (5)-ET	USA 067671553	99K	100	F	777JE1163			77	352	0.16	49	0.11	34	576	534	446	464	2.83
G	SANDCREEKS D LARS COLOMBIA278-ET	840003134637593	45K	100	F	100JE7410			76	1166	0.00	55	0.02	47	563	544	503	517	3.04
G	JX ABS TJ (4)-ET	840003135245817	99K	100	F	29JE4102			75	811	0.04	46	0.05	39	564	535	476	405	2.77
G	PEAK ALTAVICE (6)-ET	840003147839950	99K	100	F	11JE1381			76	1683	-0.08	63	0.00	60	566	549	514	461	2.94
G	JX ABS TLD CASSELL (5)-ET	840003146074480	99K	100	F	29JE4125			76	1235	0.11	81	0.05	55	586	554	487	420	2.89
G	ALL LYNNS DEMOS-P-ET	USA 173162305	99K	100	F	777JE1178			78	1083	0.00	52	0.02	44	541	518	472	438	2.83
G	JX FARIA BROTHERS ZACH LOWE (5)-ET	840003144724385	99K	100	F	29JE4136			76	416	0.25	71	0.11	37	581	537	443	470	2.77
G	ISDK VJ ADELGAARD HOVE SAMSON	DNK 000304415	50K	100	F	236JE257			73	330	0.29	74	0.13	37	600	553	453	488	2.84
G	JX CO-OP WC MR CHAVEZ (4)-P-ET	840003146960075	99K	100	F	1JE5000			76	483	0.21	65	0.09	36	591	555	479	472	2.98
G	ISDK VJ JUULSGAARD GISLEV GATES	DNK 000304544	6K	100	F	236JE4544			69	141	0.16	39	0.10	24	515	475	392	463	2.59
G	PROMETEDOR MADISON-ET	USA 067299614	99K	100	F	200JE1139			77	865	0.18	79	0.08	47	563	527	451	393	2.93
G	JX DUPAT FEVER (5)-P-ET	840003141725612	99K	100	F	7JE1701			77	1066	0.02	55	0.01	41	532	518	486	458	3.01
G	FOREST GLEN KALAHARI	USA 067650122	99K	100	F	29JE4073			76	667	0.08	49	0.11	46	544	504	415	445	3.10
G	DP KILOWATT AMP-ET	USA 172581329	99K	100	F	7JE1628			77	833	0.05	50	0.05	41	536	510	454	493	3.01
G	AHLEM KWYNN RESPECT-ET	USA 067823687	99K	100	F	7JE1638			77	698	0.15	64	0.04	34	519	491	435	370	2.68
G	JX FARIA BROTHERS ALTAZIZIC (4)	840003140371297	99K	100	F	11JE1348			76	1284	0.07	76	0.04	55	561	529	464	407	2.77
G	PINE-TREE DISCO BUBBA-ET	USA 067771710	99K	100	F	551JE1723			76	402	0.08	36	0.06	26	499	472	416	439	2.80
G	JX FARIA BROTHERS KAWHI (4)	840003144724398	99K	100	F	97JE180			77	1812	-0.12	61	0.01	68	506	477	420	303	2.69
G	JX AVI-LANCHE RONALDO DEDE (4)-ET	840003131412485	99K	100	C	29JE4108			76	1146	-0.03	49	0.04	49	539	509	449	382	2.71
G	JX PVF ZIPS ZIGOR (4)-ET	USA 173406519	99K	100	F	29JE4166			72	802	0.19	78	0.08	45	571	535	458	425	2.91
G	FOREST GLEN BANCROFT TATE	USA 067650143	99K	100	F	29JE4087			77	1141	0.00	54	0.01	44	524	507	471	471	2.95
G	ISDK VJ BALSLEV LOBO CHOKO	DNK 000304568	6K	100	F	236JE4568			71	120	0.36	78	0.16	36	588	537	424	485	3.06
G	JX ABS TLD LECHÉ (5)-ET	840003146074477	99K	100	F	29JE4123			76	1763	-0.07	68	-0.01	62	538	520	483	376	2.85
G	JX SANDCREEK SOLDIER (4)-ET	840003134637613	99K	100	F	1JE1098			77	937	0.09	63	0.04	42	535	513	465	453	3.03
G	JX FARIA BROTHERS ALTASMARK (4)	840003140371373	99K	100	F	11JE1350			77	1417	0.02	72	0.04	60	546	519	459	401	3.07
G	JX FARIA BROTHERS ALTAGRONK (4)-ET	840003135124429	99K	100	C	11JE1339			75	1248	0.07	75	0.07	60	550	512	431	373	2.94
G	SUN VALLEY MARCIN JERONIMO-ET	USA 119873803	99K	100	F	14JE1626			78	1259	-0.04	51	0.04	53	540	513	457	381	2.92
G	JX PINE-TREE ENZO DAVE (4)-ET	USA 067771879	99K	100	F	551JE1756			73	1387	-0.08	50	-0.01	47	522	511	489	412	2.89
G	JX FARIA BROTHERS MAHREZ (5)-ET	840003144724308	99K	100	F	551JE1737			76	840	0.05	51	0.06	43	525	492	424	413	2.82
G	JX AHLEM DETERMIN CHAUNCY (6)	USA 067823330	99K	100	F	7JE1598			77	1087	-0.03	46	0.00	39	492	477	448	415	2.79
G	PROGENESIS DANCER-ET	CAN 110129621	99K	100	F	200JE1111			76	1475	0.08	87	0.02	57	575	556	514	402	3.10
G	PINE-TREE ALTAFULLBLD-ET	USA 067731422	99K	100	F	11JE1352			77	993	0.08	64	0.08	52	543	507	427	401	2.97
G	OAK LANE COMANCHE COHORT-ET	USA 067742177	99K	100	F	97JE169			78	1032	0.01	51	0.02	42	522	502	462	428	2.94
G	JX PINE-TREE PROTOTYPE (5)-ET	USA 067671699	99K	100	F	777JE1197			75	772	0.09	56	0.06	41	517	482	411	367	2.73
G	JX ABS TLD LACTOSE (5)-ET	840003146074479	99K	100	F	29JE4124			76	1433	0.01	71	0.04	60	544	515	453	369	2.93
G	JX FARIA BROTHERS COUTINHO (4)-ET	840003140305996	99K	100	F	551JE1711			76	679	0.20	74	0.07	39	573	539	469	393	2.83
G	JX CO-OP JODECI MEEKO (4)-P-ET	840003146960089	99K	100	F	1JE5014			76	952	0.04	54	0.02	38	527	509	472	408	2.87
G	JX BW COUNTDOWN (5)-ET	840003131148667	99K	100	F	551JE1667			78	1238	-0.06	46	0.03	50	494	469	420	395	2.85
G	JX FOREST GLEN MONUMENT SULLY (6)	USA 119889365	99K	100	F	97JE165			75	1238	-0.03	52	-0.02	41	533	524	507	459	2.88
G	JX OAK LANE WHODAT (4)-P-ET	USA 067742198	99K	100	C	97JE178			76	838	0.06	53	0.05	41	535	509	453	417	3.00
G	PRIMUS CHANGEUP HITTER-ET	840003146582161	99K	100	F	14JE1729			77	406	0.14	48	0.10	35	509	467	380	412	2.77
G	AHLEM CRAZE DOC 24061-ET	840003144728256	45K	100	F	100JE7413			75	948	-0.02	41	-0.01	32	509	502	487	458	2.92
G	HILMAR TOPGUN (6)-ET	USA 119875908	99K	100	F	147JE6228			77	900	0.02	46	0.05	42	501	474	417	396	2.87
G	JX FARIA BROTHERS FRANCESCA (4)-ET	840003144724310	99K	100	C	1JE1088			77	1254	0.01	62	0.04	53	518	488	426	328	2.75
G	JX FOUR J MESSI MELLY (5)	840003142841125	99K	100	F	551JE1739			76	703	0.24	82	0.08	42	571	538	465	380	3.04
G	JX FARIA BROTHERS BILL RUSSELL (4)	840003135124397	99K	100	F	29JE4068			77	1482	-0.04	62	-0.01	51	498	483	455	368	2.83
G	JX ABS CHEESEHEAD (6)-ET	840003135246056	99K	100	F	29JE4081			76	821	0.17	74	0.10	50	531	488	395	400	2.89
G	JX FARIA BROTHERS MINKO (4)-ET	840003144724318	99K	100	C	1JE1089			77	743	0.14	65	0.09	45	539	499	414	376	2.84
G	JX AHLEM HARRIS RAZARRI (5)	USA 067823001	99K	100	F	11JE1308			77	2035	-0.12	71	-0.01	72	518	498	458	301	2.93
G	JX FARIA BROTHERS ALTARICHT (5)-ET	840003135124426	99K	100	C	11JE1338			77	905	0.15	73	0.10	53	525	481	387	355	2.91
G	JX ABS CHAPMAN (4)-ET	840003135245979	99K	100	F	29JE4078			76	1208	-0.04	50	0.03	50	486	460	407	386	2.85
G	JX SANDCREEKS RONALDO MATEO (4)-P-ET	840003144012332	99K	100	F	29JE4146			77	1254	-0.05	50	0.01	48	487	465	422	343	2.79
G	JX PEAK VCRY MIXUP (4)-ET	840003149335212	99K	100	F	1JE7022			75	1668	-0.08	63	-0.02	55	500	493	476	388	3.04
G	AHLEM BANCROFT CHICAGO 23929	USA 067823929	45K	100	F	100JE7403			76	1249	-0.07	44	0.01	47	456	441	407	347	3.00
G	ISDK VJ OESTERMARIE HAARE HAYS	DNK 000304613	50K	100	F	236JE4613			67	172	0.26	59	0.12	31	505	461	365	447	2.87
G	VERJATIN MOONSHINE-ET	CAN 110974992	45K	100	F	182JE1026			73	1395	-0.03	59	0.00	51	507	494	465	383	3.11
G	JX FARIA BROTHERS ALVES (5)-ET	840003140371276	99K	100	F	551JE1715			77	1096	0.01	55	0.03	46	487	463	413	393	2.87
G	JX FARIA BROTHERS LEWANDOWSKI (4)-ET	840003140305997	99K	100	F	551JE1712			76	1025	0.08	65	0.04	45	526	503	451	341	2.97
G	DUPAT DILLAN RAIDER-P-ET	840003127607534	29K	100	F	147JE6226			77	794	0.03	44	0.00	28	477	466	446	468	2.83
G	JX JER-Z-BOYZ KELVIN (4)-P-ET	USA 173269589	99K	100	F	515JE1			73	936	0.03	50	0.02	37	498	481	446	398	2.88
G	JX WASKIV DANESTAR (4)-ET	DNK 082902380	99K	100	F	200JE7919			74	107	0.32	68	0.16	35	531	478	364	375	2.94
G	SHAN-MAR LEMONHEAD KINGSTON-ET	USA 067460159	50K	100	F	14JE760			77	179	0.29	67	0.13	33	518	471	370	391	2.89
G	JX AARDEMA ALTASPARTA (4)	840003012659436	99K	100	F	11JE1375			76	652	0.12	56	0.02	28	506	489	454	428	2.85
G	JX AVI-LANCHE DISCO METAL (5)-ET	840003131412301	99K	100	F	7JE1694			76	389	0.01	20	0.05	24	450	426	376	401	2.81
G	PROGENESIS MALARKEY-ET	CAN 109793000	99K	100	F	200JE1100			77	1325	-0.03	57	0.00	47	489	477	451	381	2.98
G	AHLEM WHISTLER-ET	USA 067823718	99K	100	F	200JE1140			77	986	0.00	46	0.00	35	480	468	445	376	2.86
G	PINE-TREE DISCO BENJI-ET	USA 067771867	99K	100	F	551JE1755			76	227	0.14	39	0.09	27	462	425	347	365	2.80
G	JX PINE-TREE EUSEBIO SHOCK (5)-ET	USA 067731322	99K	100	F	7JE1606			77	1296	0.04	69	0.05	57	493	462	397	311	2.94
G	MFW ALTACHIVE-ET	USA 119691058	99K	100	F	11JE1326													

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2019

PL	LIV	DPR	REL	CCR	HCR	EFI	JPI	Type Hds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
4.9	0.2	-0.5	63	0.0	3.6	6.2	167	0	0	75	0.8	-0.3	-0.5	0.0	H0.6	-0.2	P0.3	S0.6	1.9	0.7	0.0	0.2	S2.2	C0.4	0.0	W0.5	C0.4	18.4
6.1	3.0	0.4	66	0.8	2.2	7.9	167	0	0	77	1.4	1.3	0.5	0.5	H1.0	1.1	P0.8	S1.5	2.8	0.6	0.4	0.4	S2.9	C1.4	L0.1	C1.3	C0.1	25.7
4.8	0.8	1.6	65	2.1	2.7	6.9	166	0	0	77	1.2	0.4	0.2	1.4	L0.3	0.2	S0.2	S0.3	1.0	1.7	1.1	0.4	S0.8	C0.3	L0.9	C0.3	B1.3	11.5
6.9	2.6	-1.8	65	-1.5	0.8	7.1	166	0	0	76	2.1	0.5	-0.2	1.1	H1.5	0.8	P0.6	S1.1	3.2	1.4	0.8	0.0	S2.6	C1.4	S0.5	C1.6	B0.4	27.1
4.0	-0.1	-1.1	65	0.3	3.8	7.4	165	0	0	77	1.1	1.3	1.2	0.6	L0.4	1.1	P0.1	S0.7	1.4	0.6	0.5	-0.1	S0.9	C0.8	L0.6	C0.7	0.0	9.3
3.6	-3.7	-3.5	66	-1.5	1.3	7.6	165	0	0	77	1.5	0.4	0.4	1.4	H0.6	0.0	P0.4	S0.8	1.5	1.6	1.1	0.4	S1.2	C0.1	L1.0	W0.3	0.0	14.0
4.9	1.9	-0.4	68	0.4	2.3	9.1	164	0	0	79	1.7	0.4	0.7	1.0	L0.2	0.5	S0.3	S0.6	1.8	0.9	0.8	0.5	S1.3	C1.5	S0.7	C1.0	C0.5	18.4
4.8	-0.6	0.1	61	0.4	2.4	6.2	164	0	0	76	0.8	1.0	0.3	0.2	L1.0	0.5	S0.3	S0.1	1.2	1.0	0.2	-0.1	S1.2	C0.2	L0.3	C0.2	C0.1	10.8
4.5	1.0	0.2	56	1.4	2.3	3.5	164	0	0	71	0.1	0.9	0.1	-0.2	H0.1	-0.2	P0.1	S0.3	0.1	0.1	-0.1	-0.4	S1.5	W0.8	S0.4	W0.7	C0.3	5.3
5.3	2.3	-0.2	66	-0.5	3.1	7.2	164	0	0	76	1.5	1.2	0.1	1.8	H0.2	0.6	S0.6	S0.5	1.3	1.2	1.3	0.7	S1.1	C1.1	L0.1	C1.4	B0.5	15.9
5.9	1.9	2.1	48	3.5	4.2	1.6	164	0	0	62	0.0	0.2	-0.6	-0.3	0.0	-0.1	S0.1	S0.3	1.3	0.4	-0.2	-0.4	S3.3	W0.5	S0.7	W0.3	C0.3	18.4
2.7	-1.8	-3.4	66	-2.5	0.0	7.9	163	0	0	78	2.2	3.1	0.1	2.1	L0.5	0.8	S0.4	S0.4	2.4	2.5	1.5	0.4	S2.9	C0.7	L0.2	C0.6	C0.3	28.6
4.4	1.8	0.1	65	1.0	3.0	8.7	163	0	0	78	1.3	0.0	-0.3	0.8	L0.2	-0.2	S0.1	0.0	1.6	1.6	0.6	1.2	S2.1	C0.1	L0.3	C1.5	B0.5	22.5
5.0	-0.1	0.0	64	1.0	2.7	6.9	162	0	0	77	1.6	0.9	0.2	0.8	H0.3	0.7	P0.6	S1.1	2.7	1.9	0.6	0.2	S2.2	C1.3	S0.4	C1.3	C0.1	25.6
4.5	2.7	2.1	68	2.5	3.2	8.5	162	0	0	78	0.5	-0.3	-0.3	0.7	L1.0	-0.5	S0.6	L0.6	0.3	1.2	0.5	0.7	S0.3	W0.1	S0.3	W0.6	C0.7	8.4
4.1	-0.2	-2.8	68	-1.3	2.8	9.7	162	0	0	79	2.6	1.8	0.2	1.5	L0.3	1.0	S0.3	S0.2	2.8	1.8	1.2	0.7	S3.0	C1.6	S1.0	C1.1	C1.0	32.6
2.6	-1.2	-2.5	66	-2.7	1.0	6.0	161	0	0	76	0.9	1.4	1.1	0.6	L0.5	0.6	P0.3	S0.6	1.6	0.5	0.4	0.5	S0.8	C0.6	L0.9	C1.5	C0.6	10.8
6.1	1.9	1.6	64	1.6	1.2	8.5	161	0	0	77	2.0	0.8	0.2	1.1	H0.6	0.4	P0.4	S0.8	3.6	1.6	0.8	0.8	S3.6	C1.4	S0.8	C0.7	C0.8	36.8
2.7	-3.3	-5.4	67	-4.3	2.6	7.4	160	0	0	77	1.6	0.6	0.7	0.9	L0.6	-0.1	P0.2	S0.6	1.5	1.1	0.7	0.5	S0.9	C0.8	L0.3	C0.6	C0.5	13.7
5.0	0.9	-2.3	65	-2.1	1.4	6.0	160	0	0	77	1.8	1.2	1.2	0.7	H0.8	0.9	P1.3	S1.5	2.6	1.3	0.5	0.7	S2.0	C1.3	L0.7	C1.9	B0.2	23.0
3.6	-0.6	-1.7	58	-2.3	0.8	5.2	160	0	0	73	1.0	-0.3	0.0	0.6	H0.2	0.0	0.0	0.0	0.5	0.5	0.5	0.9	S1.0	C0.4	0.0	C0.2	0.0	11.3
3.6	1.2	0.4	66	2.3	5.7	7.3	160	0	0	77	0.9	1.0	-1.0	1.7	L1.1	-0.6	S0.3	S0.1	-0.3	1.2	1.3	-0.2	S0.6	W1.0	S0.4	C0.3	B0.2	3.8
3.7	1.1	0.2	52	2.6	3.9	2.3	160	0	0	66	0.0	0.7	0.3	0.2	L0.7	0.1	S1.0	S0.1	0.5	-0.3	0.2	-0.1	S1.3	C0.1	S0.2	W0.2	C0.3	6.6
3.5	-2.4	-3.6	66	-2.9	1.2	7.5	158	0	0	77	1.4	0.6	0.4	1.1	L0.2	-0.3	P0.3	S0.3	0.8	1.2	0.9	0.6	S0.7	0.0	L1.2	W0.1	0.0	9.1
4.5	0.2	0.2	66	0.1	3.6	7.7	158	0	0	76	1.0	1.0	-0.4	1.2	L1.3	-0.4	S1.3	L0.5	0.3	1.2	0.9	0.4	S1.0	C0.6	S0.7	W0.8	C0.5	12.0
2.7	-2.5	-2.8	69	-2.2	0.8	8.0	157	0	0	78	1.7	1.1	0.1	1.5	L1.1	-0.2	P0.3	S0.1	1.2	1.9	1.2	-0.2	S1.3	0.0	L0.4	C0.2	C0.4	12.9
2.0	-0.9	-3.6	64	-2.9	1.4	6.2	157	0	0	76	0.9	0.5	-0.2	1.2	L0.7	-0.3	S0.7	L0.4	0.2	1.0	0.9	-0.4	S0.3	C0.1	L0.4	W0.1	C0.1	2.6
4.8	1.3	-2.5	69	-2.3	2.4	8.9	156	0	0	79	2.1	2.4	1.6	1.2	H0.1	1.6	P0.8	S1.2	2.8	1.7	0.9	0.3	S2.1	C1.8	L0.3	C1.1	C1.0	24.9
5.4	1.1	-1.1	63	-0.7	2.4	8.6	156	0	0	75	1.9	0.7	0.7	1.6	H0.3	0.5	0.0	S0.4	1.7	1.2	1.2	0.8	S1.1	C1.3	L0.2	C0.9	C0.2	17.5
4.4	1.9	-0.4	65	-0.3	2.3	7.2	156	0	0	76	0.9	0.8	0.8	0.3	H1.2	1.0	P0.4	S0.7	2.2	0.2	0.2	0.2	S1.6	C1.3	L0.2	C1.7	B0.6	16.1
4.6	1.4	0.1	66	0.3	2.5	7.7	156	0	0	78	1.5	1.2	0.1	1.1	L0.2	0.4	S0.1	0.0	1.4	1.6	0.8	0.2	S1.9	C1.4	S0.9	C1.4	C0.2	20.7
2.5	-0.9	-3.8	67	-3.3	-0.6	8.3	155	0	0	77	1.6	1.8	0.8	2.4	L1.1	0.6	0.0	L0.1	0.9	2.0	1.8	1.1	S0.4	C0.3	L0.4	W0.2	C0.5	13.8
3.4	0.5	-1.8	69	-0.9	0.9	8.5	155	0	0	78	1.2	0.9	0.8	1.3	L0.6	0.7	S0.4	L0.1	0.7	1.5	1.0	0.6	S0.4	W0.4	S0.4	W0.5	C0.1	10.3
5.3	0.8	-0.3	69	-0.1	4.2	9.8	155	0	0	79	2.0	3.0	0.9	1.7	L1.0	1.0	0.0	S0.9	1.8	1.0	1.3	0.2	S2.2	C1.4	S0.9	C1.0	C0.5	21.8
4.2	0.7	-2.1	61	-1.6	1.1	6.5	155	0	0	76	1.6	1.1	0.8	1.3	H0.1	0.6	P0.2	S0.8	1.6	0.6	1.0	1.2	S1.7	C1.3	S0.2	C1.7	C0.8	20.5
3.0	-1.4	-3.7	66	-2.8	1.2	7.0	154	0	0	77	1.1	0.9	0.6	0.5	L0.2	-0.1	P0.6	S0.6	0.9	0.5	0.3	0.3	S1.2	C0.4	L0.9	W0.1	0.0	9.5
4.0	1.2	-3.0	64	-3.0	-0.7	5.3	154	0	0	75	1.5	0.6	0.2	0.5	H0.6	0.5	P0.4	S0.7	2.0	1.5	0.4	0.1	S2.7	C0.1	L1.0	0.0	0.0	20.6
5.6	1.2	-1.0	66	-1.7	2.2	7.5	154	0	0	76	1.6	0.8	-0.1	1.4	L0.6	-0.1	S0.3	S0.3	1.2	1.5	1.0	0.9	S1.8	C0.4	L0.3	C0.3	C0.3	19.0
4.9	-0.2	-0.5	67	0.6	2.9	7.3	153	1	2	79	0.4	1.1	0.4	0.4	L0.1	0.0	0.0	L0.1	0.8	0.0	0.3	0.1	S1.6	C0.7	L0.2	W0.3	C0.9	10.4
5.5	2.0	0.6	66	0.7	1.1	7.8	153	0	0	77	1.4	0.9	0.7	1.0	H0.5	0.9	S0.4	S0.3	1.8	1.7	0.8	0.5	S1.0	W0.5	L0.8	0.0	C0.3	14.2
5.4	0.2	-1.0	64	-0.9	2.0	7.7	153	0	0	77	1.8	0.7	-0.4	0.5	H0.6	0.2	P0.6	S1.0	2.3	2.0	0.4	-0.1	S3.0	W0.8	L0.4	C0.5	B0.2	23.2
4.6	-0.3	-0.1	64	0.4	4.0	8.8	153	0	0	77	1.8	0.7	0.0	1.2	H0.1	0.3	P0.5	S1.1	1.6	1.3	0.9	0.3	S1.0	C0.9	S0.1	C0.1	C1.4	15.0
6.1	1.0	1.1	64	1.1	1.1	8.8	152	0	0	77	2.5	0.8	-0.3	1.3	H0.6	0.3	P0.6	S1.1	2.9	3.2	1.0	0.3	S2.7	W0.1	L0.7	C1.2	B0.5	28.7
3.9	1.2	-0.9	69	-0.3	2.2	9.3	151	0	0	79	1.8	1.6	0.4	1.1	L0.2	0.6	P0.9	S1.4	2.3	1.4	0.8	0.2	S2.4	C1.0	L0.1	C1.0	B0.5	22.9
3.2	-0.6	-4.1	63	-3.6	-0.7	6.9	150	0	0	75	1.8	1.0	0.6	0.9	H0.1	0.5	P0.4	S0.5	2.1	1.7	0.7	-0.1	S2.0	W0.3	L0.6	C0.3	C0.2	17.7
3.0	0.7	-3.7	68	-4.1	-1.0	8.2	150	0	0	77	2.0	1.2	0.2	1.0	H0.1	0.3	S0.1	S0.7	2.5	2.1	0.7	-0.2	S2.8	C0.5	L0.5	W0.5	0.0	24.2
3.1	-0.5	-2.6	66	-2.0	3.9	6.5	149	0	0	76	1.2	1.6	0.6	1.0	L0.7	0.0	S0.2	S0.4	0.5	0.8	0.7	0.6	S1.1	C0.6	L0.4	C1.5	C0.3	11.0
2.8	-2.8	-1.6	65	-0.8	1.6	7.0	149	0	0	76	0.4	0.7	-0.3	1.2	L0.5	-0.3	S1.2	L0.3	-0.5	0.5	0.9	-0.5	D0.2	W0.7	L0.4	0.0	0.0	-4.3
4.0	-0.2	-2.5	64	-1.8	1.0	7.4	149	0	0	76	1.1	0.1	-0.1	0.7	H0.4	0.2	S0.1	S0.2	1.4	0.8	0.5	-0.7	S1.3	W0.5	L0.8	C0.3	C0.2	7.3
2.5	-3.0	-5.8	68	-5.1	-2.0	8.6	148	1	1	79	1.7	1.9	0.8	1.7	0.0	0.5	S0.2	S0.5	1.1	1.6	1.3	0.1	S0.8	C0.7	L0.2	C0.4	B0.1	12.0
1.5	-1.4	-3.1	67	-3.2	-1.2	6.6	148	0	0	77	1.4	1.2	0.5	0.9	L0.6	0.3	0.0	S0.3	1.2	1.4	0.7	-0.3	S1.8	W0.2	L0.5	C0.2	B0.1	13.0
3.9	-2.0	-1.2	67	0.1	3.8	6.6	148	0	0	76	1.4	0.9	1.1	1.3	H0.1	0.7	P0.2	S1.1	1.3	1.0	1.0	0.5	S0.8	C1.1				

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2019

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 ALL LYNN'S HARRIS VALI (5)	USA 172966184	45K	100	C	321JE101			76	1411	-0.01	65	0.04	59	441	411	348	249	2.87
G	JX SANDCREEKS D STEVENS PARAGUAY (5)	840003144012326	45K	100	F	566JE105			76	885	0.05	52	0.04	41	479	452	397	345	2.86
G	JX DUPAT DISCO BENELLI (6)-ET	840003141725638	99K	100	F	7JE1724			76	1004	-0.09	29	0.00	36	440	427	402	330	2.86
G	DUTCH HOLLOW OSCAR-P-ET	840003148600877	45K	100	F	566JE108			76	256	0.24	60	0.06	22	482	456	401	390	2.86
G	JX SEXING DAYBREAK CHICO (6)-ET	840003132349950	99K	100	F	551JE1668			77	1228	-0.08	42	0.03	51	456	432	382	317	2.99
G	JX PVF WORLD CUP ZANDER (5)	USA 172565169	99K	100	F	97JE173			76	77	0.20	44	0.11	24	457	417	334	357	2.79
G	JX PEAK ALTAHEIR (6)-ET	840003138498950	99K	100	F	11JE1346			77	1389	-0.05	56	0.01	52	469	455	421	374	3.10
G	JX FARIA BROTHERS IGNATIUS (4)-ET	840003135124349	29K	100	F	97JE175			76	831	0.02	43	0.04	39	461	436	384	355	2.92
G	SUNSET CANYON DENMARK-P-ET	USA 119872521	29K	100	F	100JE7391			76	375	0.15	48	0.06	26	421	393	335	297	2.80
G	JX FARIA BROTHERS PINSON (5)-ET	840003132351602	29K	100	F	551JE1690			76	809	0.04	46	0.07	43	461	427	355	316	2.82
G	JX WILSONVIEW SWORD MULTIPLY (6)-ET	USA 119465110	99K	100	F	97JE152			77	1092	-0.01	50	-0.03	34	447	443	438	369	2.96
G	VERJATIN FARMFEST-ET	CAN 110768695	99K	100	F	250JE1687			76	539	0.02	29	0.03	26	428	409	370	340	2.86
G	JX FARIA BROTHERS CAVANI (4)-ET	840003140306014	99K	100	C	551JE1714			77	551	0.15	57	0.06	33	477	448	386	328	2.89
G	JX GOLDEN HILL LUCKY BOB (4)	USA 173368215	99K	100	F	97JE185			75	583	0.12	52	0.08	37	458	427	360	373	3.05
G	WETUMPKA LISTOWEL NIGEL-PP	USA 067339324	45K	100	F	566JE109			76	792	0.06	49	0.02	33	443	427	392	387	2.95
G	AHLEM KWYNN CHINOOK 23485	USA 067823485	99K	100	F	551JE1700			78	45	0.15	32	0.09	20	395	359	286	311	2.75
G	JX FARIA BROTHERS FELTON (5)	840003135124089	99K	100	F	200JE1119			77	1094	-0.08	36	0.03	46	427	405	359	292	3.00
G	JX OAK LANE WILDCAT (5)-ET	USA 067742182	99K	100	F	97JE170			77	798	0.12	62	0.06	41	456	424	359	297	2.82
G	ISDK VJ MOSEGAARD HILARIO HAARE	DNK 000304229	50K	100	F	236JE229			72	131	0.22	50	0.13	30	434	389	292	390	2.85
G	RIVER VALLEY NBRAZIL SAXXON-P-ET	840003133234518	29K	100	F	202JE604			76	1114	-0.04	44	0.00	41	398	380	346	260	2.75
G	JX SEXING WALTER CRANSTON 60790 (5)	840003010364537	50K	100	F	551JE1642			77	735	0.14	63	0.08	42	419	384	310	258	2.88
G	ISDK VJ KROGAARD RODME QUINTANA	DNK 000304301	50K	100	F	236JE247			73	-167	0.35	61	0.16	25	432	383	275	345	2.93
G	JX SEXING GFRAPP GOLDEN (4)-P-ET	840003010364640	13K	100	C	551JE1653			77	802	-0.02	35	0.05	40	390	367	314	280	3.11
G	PINE-TREE KWYNN CUATRO-ET	USA 067731388	29K	100	F	566JE104			77	20	0.16	32	0.09	19	360	327	257	278	2.83
G	ISDK VJ ENGBJERG HAZARD HERO	DNK 000304419	50K	100	C	236JE259			71	136	0.28	63	0.11	27	449	408	321	362	2.80
G	AHLEM GENOMINATOR MOONBEAM	USA 067823232	99K	100	F	7JE1577			77	265	0.15	43	0.05	20	376	352	301	288	2.74
G	SANDCREEKS DAYBREAK COCHISE-ET	840003134637529	99K	100	F	29JE4080			78	389	0.17	53	0.07	29	448	422	365	300	3.13
G	PETERSON REGENCY LEON	840003010961740	99K	100	F	97JE153			76	817	-0.07	24	0.06	41	337	310	251	272	2.98
G	JX FARIA BROTHERS TOM BRADY (5)-ET	840003135124336	99K	100	F	97JE159			76	1061	0.04	59	0.02	42	393	375	336	259	2.91
G	AUDIBEL JARVIS-ET	CAN 110768703	99K	100	F	551JE1721			76	541	0.13	52	0.07	34	423	394	332	326	3.01
G	VERJATIN OCTOBERFEST	CAN 110768710	45K	100	F	182JE1013			75	474	0.01	25	0.03	23	347	331	297	267	2.91
G	GOLDEN DREAM AMERICAN PHAROAH-P	USA 172553124	45K	100	F	566JE106			75	484	-0.05	12	0.03	23	339	324	293	331	2.95
G	TATE BENEFACTOR SAVIOR-ET	840003006436157	29K	100	F	147JE6227			76	1442	-0.12	44	-0.04	43	358	354	350	274	2.81
G	ST-LO PRESTO-ET	CAN 110150638	99K	100	F	97JE187			76	-123	0.12	17	0.01	-2	324	315	300	286	2.71
G	JX SR STERLING MATTER (6)-PP	USA 173156928	99K	100	F	97JE181			76	1052	-0.01	48	0.01	39	354	339	308	193	2.87
G	SEXING LEMONHEAD DOYLE-ET	840003132348057	99K	100	F	551JE1698			76	507	-0.04	16	0.00	19	308	299	283	241	2.89
G	PINE-TREE DAYBREAK POLICY-ET	USA 067771245	99K	100	F	97JE155			78	197	0.15	40	0.05	18	332	314	275	242	3.11
G	DEU RC SOL-PP	DEU 539873046	6K	100	F	624JE8001			72	548	0.04	35	0.07	33	284	255	195	179	2.92
G	VERJATIN DAYLIGHT	CAN 110356901	99K	100	F	551JE1718			72	467	0.07	37	0.05	26	304	284	241	173	2.98
G	DUTCH HOLLOW SANTANA CASE-PP-ET	840003131737417	29K	100	F	54JE636			76	969	-0.07	31	0.01	36	284	273	249	142	3.02
G	ROSE CALLENBERG CRYSTAL-P-ET	DEU 539873090	6K	100	F	202JE607			73	501	0.02	28	0.01	20	258	247	227	196	2.90
G	BW VALENCIA-ET	840003126536268	13K	100	F	551JE1657			77	503	0.04	32	0.00	19	274	269	258	144	3.08
G	DUPAT CHARLEMAGNE 521-ET	840003127607540	29K	100	F	44JE532			77	1298	-0.12	36	-0.07	31	259	272	300	169	3.01
G	MR DAN-P-ET	USA 067398181	13K	100	F	262JE134			75	376	0.10	37	0.05	23	290	271	229	196	2.98
G	JX DUPAT KLOS 473 (4)	USA 067163473	13K	100	C	44JE527			75	1205	-0.10	37	-0.02	39	238	234	225	197	3.03
G	LAMARIA WILBERT-ET	CAN 109960092	99K	100	F	551JE1693			76	538	0.01	28	-0.03	14	248	250	254	166	2.91
G	ISDK ADELGAARD PRIMERO PRIMAL	DNK 344803387	29K	100	F	97JE42034			74	-545	0.23	18	0.07	-6	254	238	203	244	3.03
G	DUPAT BRIER 476-ET	USA 067163476	13K	100	C	44JE529			77	1408	-0.17	31	-0.03	45	213	207	197	122	2.98
G	ST-LO BARCELONA POLLEN	CAN 110150613	99K	100	C	551JE1720			74	391	0.06	31	0.02	19	228	216	191	138	2.99
G	SPRUCE-H CHRIS-PP-ET	USA 067106207	8K	100	C	202JE602			77	125	0.15	35	0.02	9	235	228	212	135	3.08
G	DUPAT BRIER 474-ET	USA 067163474	13K	100	C	44JE528			76	1451	-0.16	36	-0.03	45	197	195	191	121	3.03
G	GOLDEN DOMINATE-ET	CAN 012344082	99K	100	F	94JE4062			77	278	0.04	22	0.02	14	185	175	154	102	2.96
G	SEXING KWYNN FURIOUS-ET	840003132351476	99K	100	F	551JE1716			77	-300	0.08	1	0.02	-6	131	122	105	94	2.80
G	LOST-BROOKE HG LONESTAR	840003146779779	99K	100	F	94JE4161			77	-641	0.19	6	0.04	-15	145	138	123	127	2.99
G	BW ARMISTICE-ET	USA 117795635	50K	100	C	44JE521			78	-4	0.09	18	0.03	6	143	136	117	120	3.10
G	AUDIBEL NOTEBOOK-ET	CAN 110059221	99K	100	F	551JE1694			73	-10	-0.01	-3	0.03	5	99	94	82	91	3.21
G	BW ATLAS-ET	USA 117799901	50K	100	F	44JE520			79	633	0.01	32	-0.03	16	106	112	123	12	3.04
G	MM VICTORIOUS FRANK-ET	840003201335580	9K	100	F	551JE1775			74	-722	0.19	1	0.09	-8	55	33	-16	-25	2.99
G	SUNSET CANYON ACHILLES-ET	USA 173125047	45K	100	C	100JE7405			77	-785	0.16	-7	0.09	-11	-31	-50	-93	-77	3.04
G	TRIPLE-T-CF MR SWAGGER-ET	840003128791561	99K	100	F	7JE1605			77	-1592	0.32	-17	0.16	-29	-43	-69	-129	-66	3.19
G	KCJF HIRED MAGICIAN	840003138865447	99K	100	F	7JE1705			76	-1472	0.24	-26	0.09	-37	-72	-81	-104	1	3.09
G	KIMBALL-WAY VENETIAN	840003145690547	99K	100	F	94JE4114			76	-1218	0.19	-23	0.06	-32	-152	-154	-163	-121	3.23
G	ISAU BUSHLEA MAVERICK 2	AUS A00025872	99K	100	F	200JE8183			74	-1294	0.29	-8	0.12	-25	-273	-290	-333	-325	3.20

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI December 2019

PL	LIV	DPR	REL	CCR	HCR	EFI	JPI	Type Hnds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
0.8	-4.3	-5.5	65	-5.3	-0.1	7.5	137	0	0	76	1.4	-0.1	-0.1	1.0	H0.2	-0.4	P0.4	S0.3	1.9	1.7	0.8	0.1	S1.7	C0.3	0.0	W0.2	B0.3	18.3
3.6	-1.3	-2.4	63	-2.2	0.7	7.6	137	0	0	75	1.5	0.4	0.3	0.7	H1.2	0.3	P1.4	S1.5	3.2	2.3	0.5	-0.3	S2.8	W0.9	L1.3	W0.5	B0.7	23.3
5.8	2.2	-1.3	64	-0.7	2.2	8.2	137	0	0	77	1.8	0.3	-0.1	1.2	H0.7	0.0	P0.5	S1.0	2.4	1.1	0.9	0.5	S2.0	C2.0	S0.4	C0.4	C1.1	23.9
3.3	0.9	-0.5	64	-0.4	0.5	7.9	137	0	0	77	2.1	1.6	0.6	1.0	H0.4	1.0	P0.6	S1.0	2.7	2.7	0.8	1.3	S2.7	C0.9	L1.1	C1.2	B0.9	31.3
4.2	-0.1	-2.5	68	-2.0	1.8	9.2	136	0	0	78	1.0	-0.5	-0.7	0.8	L0.3	-0.6	P0.4	S0.2	0.4	1.1	0.6	0.3	S1.1	W0.5	S0.1	W0.1	B0.1	9.7
4.5	0.8	-0.2	65	0.0	2.6	7.0	135	0	0	76	1.4	0.4	0.3	0.3	H1.0	0.6	P0.6	S0.9	2.5	1.0	0.2	0.4	S2.5	C1.4	L0.4	C1.2	B0.7	23.6
2.6	0.1	-1.4	68	0.0	2.3	8.5	134	0	0	78	1.1	1.4	0.5	1.2	L0.9	0.2	P0.2	S0.1	0.2	1.3	0.9	0.5	S0.3	W0.5	L0.4	W1.0	C0.5	6.1
4.5	1.6	-0.7	68	-0.7	2.3	7.4	134	0	0	77	1.2	1.1	0.5	0.1	L0.3	0.1	P0.2	S0.4	1.3	0.8	0.1	0.3	S2.0	C0.4	L0.5	C0.1	B0.3	15.6
3.7	-0.2	-2.0	65	-1.6	1.3	7.0	134	0	0	76	1.5	1.2	-0.6	1.0	H0.2	0.5	S0.6	S0.5	2.6	1.1	0.8	0.3	S4.0	C0.8	S1.4	C0.1	C1.3	32.7
4.8	-0.7	-2.1	65	-0.8	1.1	6.6	132	0	0	75	0.9	3.3	1.0	-0.3	L0.5	1.1	P0.4	S0.8	2.4	1.0	-0.2	-0.5	S3.3	W0.9	L0.7	W0.3	C0.5	20.0
3.8	0.6	-1.1	66	-0.1	3.1	8.3	132	0	0	78	1.5	-0.8	-0.2	0.9	H0.9	-0.1	P0.7	S0.4	2.0	1.8	0.7	0.1	S1.5	C0.3	L0.2	C0.6	C0.2	17.6
5.2	2.8	-0.2	64	-0.5	1.6	8.1	132	0	0	77	1.7	1.1	0.3	1.2	H0.5	0.7	P0.6	S1.4	3.0	1.4	0.9	0.5	S3.3	C1.3	S0.1	C1.1	C0.6	30.8
3.8	1.5	-2.4	67	-2.3	1.2	8.0	131	0	0	77	1.7	1.3	0.3	1.5	L0.8	0.6	P0.5	S0.4	1.2	1.4	1.1	0.6	S1.4	0.0	L0.1	W0.2	C0.6	15.7
3.2	0.2	-0.1	62	-0.4	2.0	7.3	130	0	0	76	1.7	0.6	-0.4	1.4	L0.9	-0.4	S0.8	S0.1	0.3	1.3	1.0	0.0	S0.4	C0.4	S0.1	C0.5	C0.4	6.8
3.8	-0.6	0.3	67	1.1	2.3	8.0	129	0	0	77	1.3	0.5	-0.2	1.1	0.0	0.1	0.0	S0.2	1.2	1.6	0.8	-0.5	S1.4	W0.5	0.0	C0.9	B0.1	11.4
4.5	0.3	0.0	68	0.5	1.9	9.4	129	0	0	79	2.1	1.5	0.2	1.2	H0.1	0.8	P0.4	S0.7	2.6	1.3	0.9	0.4	S3.3	C1.3	S1.6	C1.4	C0.6	31.4
4.6	0.4	-2.2	66	-1.6	0.3	7.0	128	0	0	77	1.4	-0.1	-0.1	0.4	L1.3	-0.5	P0.8	0.0	1.3	1.7	0.3	0.3	S1.8	W0.8	S0.3	W0.7	C0.5	16.8
2.8	-1.4	-3.3	67	-2.6	1.2	7.2	128	0	0	78	1.4	1.8	0.5	1.0	L0.6	0.3	S0.5	S0.6	1.1	0.8	0.7	0.4	S1.6	W0.2	L1.0	C0.3	C1.0	12.2
2.5	-1.2	1.4	54	3.6	1.3	1.9	128	0	0	69	0.0	0.1	0.2	0.6	H0.9	0.3	P0.1	S0.4	0.1	-0.1	0.4	-0.3	S1.0	W0.6	S0.4	W0.9	C0.9	3.3
2.1	0.1	-3.2	66	-3.2	0.4	8.8	121	0	0	77	1.8	1.6	-0.1	1.5	0.0	0.4	P0.1	S0.6	1.8	1.8	1.2	-0.3	S1.7	W0.1	L0.7	C0.1	C0.6	15.2
1.0	-3.0	-3.6	68	-4.8	-2.1	8.4	120	0	0	77	1.8	0.8	-0.1	1.0	H0.2	0.2	P0.8	S0.5	2.2	1.9	0.7	-0.1	S1.7	C0.4	L0.6	C0.8	C0.5	18.1
2.0	-1.0	-0.2	55	1.6	1.5	2.9	120	0	0	70	0.1	1.2	0.2	0.5	L1.0	0.4	S0.6	L0.2	0.5	0.7	0.4	0.1	S1.6	0.0	L0.9	W0.4	C0.6	9.4
3.7	1.1	-1.3	66	-1.9	0.9	7.7	119	0	0	77	1.4	-1.0	-0.8	0.6	L1.0	-0.7	S0.2	L0.8	0.1	1.7	0.4	1.2	S0.6	C1.6	0.0	C2.1	B1.4	14.1
3.4	0.8	-0.3	67	0.0	1.7	8.3	119	0	0	77	2.1	1.2	0.4	0.7	H0.2	0.9	S0.1	S0.7	3.0	1.6	0.5	0.9	S3.2	C1.7	S1.4	C0.5	C0.4	35.0
2.7	-1.0	0.2	51	0.0	0.6	1.8	117	0	0	66	-0.7	0.1	0.4	-0.5	H0.6	0.3	0.0	S0.8	0.9	-0.3	-0.4	-1.2	S0.9	W1.4	S0.1	W0.1	C0.2	-0.5
3.6	-0.2	-1.0	68	-0.1	3.8	9.1	116	0	0	78	1.2	0.8	0.0	0.6	L0.6	0.1	0.0	S0.1	1.6	1.1	0.4	0.5	S1.9	W0.2	S0.4	C1.2	C0.4	18.3
4.3	1.9	-2.8	68	-2.0	3.5	8.9	115	0	0	79	1.1	-0.2	-0.8	1.0	L0.6	-0.4	P0.3	S0.2	0.9	1.4	0.8	-0.2	S1.3	W1.3	S0.6	W0.2	B0.4	10.7
2.8	-1.2	-0.3	66	0.3	2.7	7.3	113	0	0	78	1.4	0.0	0.1	0.9	L1.1	-0.2	S0.8	L0.1	0.8	1.8	0.6	0.1	S1.1	W0.3	L0.1	W0.2	C0.2	11.8
1.8	-1.5	-3.0	66	-2.6	-0.7	6.0	112	0	0	76	0.5	-0.1	0.0	-0.6	L0.1	-0.5	P0.4	L0.1	1.4	0.4	-0.4	0.2	S1.1	W0.3	L0.8	C0.2	C0.5	9.0
2.8	0.2	-0.6	64	-1.1	-0.2	7.8	112	0	0	77	1.3	0.8	1.0	1.7	H0.3	0.7	S0.4	S0.5	0.4	1.6	1.3	0.7	D0.3	W0.2	L0.4	W0.2	C0.1	6.0
4.1	1.7	-0.6	64	-0.9	1.5	8.5	110	0	0	77	2.0	0.9	0.0	1.5	L0.8	0.0	P0.1	S1.1	1.8	1.3	1.1	1.2	S2.0	C1.8	S0.6	C1.1	C0.6	25.5
4.5	3.2	2.4	67	2.8	2.4	8.7	108	0	0	78	1.3	0.6	0.4	0.2	H0.2	0.7	P0.4	S0.6	2.0	1.4	0.1	0.1	S1.9	C0.3	L0.2	C0.2	C0.1	18.3
1.9	-1.6	-1.8	67	-1.0	-0.4	7.8	106	0	0	77	1.5	2.2	0.8	1.7	H0.5	1.2	S0.5	S0.6	0.8	1.3	1.3	-0.1	S0.7	W0.1	L1.5	W0.2	B0.4	6.1
5.2	3.0	0.9	65	1.4	0.0	8.3	105	0	0	77	2.5	2.8	-0.4	1.1	H1.1	1.1	P0.9	S1.8	4.1	2.1	0.8	1.1	S5.3	C1.2	L0.7	C1.5	C0.3	45.6
2.8	-1.9	-4.3	65	-3.9	-0.3	8.1	102	0	0	78	1.1	0.2	-0.5	0.8	H0.3	-0.2	P0.2	L0.2	1.3	0.9	0.6	-0.4	S1.2	C0.4	S0.3	C0.7	C0.9	10.9
4.7	0.9	-0.5	68	-0.5	1.1	9.9	101	0	0	78	2.3	1.0	-0.4	1.2	0.0	0.3	P0.6	S1.1	2.6	2.0	0.9	1.0	S2.9	C1.3	L0.3	C0.7	C0.6	30.7
2.8	0.6	-1.7	67	-1.2	2.7	8.2	96	0	0	78	1.4	-0.2	-1.2	1.7	0.0	-0.3	S0.3	S0.4	1.1	1.6	1.3	0.8	S1.7	W0.4	S0.6	W0.1	B0.1	18.7
1.1	-1.3	-2.4	58	-0.9	1.7	5.3	88	0	0	71	0.8	2.2	0.5	0.6	H0.4	1.0	S0.2	S0.1	1.5	0.7	0.4	-0.8	S2.4	W0.7	S0.2	C0.5	C0.6	13.2
2.7	-0.4	-3.0	62	-2.8	0.1	7.9	86	0	0	74	1.6	1.6	0.5	0.7	L0.1	0.5	S0.1	S0.4	2.0	1.8	0.6	0.1	S2.6	0.0	S0.2	C0.2	B0.1	22.8
2.3	-0.1	-3.8	66	-4.3	0.5	8.5	83	0	0	78	1.4	0.9	0.2	0.7	L0.1	-0.4	P0.3	L0.2	1.6	1.7	0.5	0.2	S2.0	W0.1	L1.4	W0.3	B0.2	16.4
2.8	-1.2	-1.1	63	0.3	2.4	6.7	83	0	0	73	1.5	1.9	0.7	0.7	H0.3	1.0	P0.1	S0.4	2.0	0.8	0.5	0.6	S2.6	C0.7	S0.2	C1.2	B0.6	23.0
3.7	-0.6	-3.4	66	-4.2	-0.4	8.4	81	0	0	78	2.3	-0.1	-0.4	1.5	H0.7	0.0	P0.5	L0.1	2.7	2.2	1.2	-0.1	S3.5	C1.4	S1.3	C0.7	C0.7	32.7
2.3	-0.9	-2.7	67	-3.3	0.1	9.4	78	0	0	78	0.9	0.9	-0.6	0.7	L1.4	0.2	S0.2	0.0	1.1	0.4	0.5	-0.4	S2.3	C1.1	S0.5	C0.4	C0.3	15.2
2.1	1.0	-1.4	64	-1.7	0.4	6.2	76	0	0	76	0.9	0.9	0.6	0.7	L0.6	0.2	S0.3	S0.1	0.5	0.4	0.5	0.1	S0.5	C0.6	L0.2	C0.5	C0.1	5.6
0.4	-5.2	-0.9	63	-1.5	-2.6	5.4	74	0	0	76	0.8	0.6	-0.4	1.0	H0.3	0.2	P0.2	S0.1	0.2	1.5	0.8	0.0	S0.2	C0.5	L0.9	C0.7	B0.2	4.6
2.7	0.5	-1.8	65	-2.6	-1.1	9.1	70	0	0	77	1.8	2.7	0.3	1.4	L0.1	1.0	P0.5	S1.2	2.6	1.8	1.0	0.2	S3.1	C0.5	L0.3	W0.2	C0.5	27.0
4.7	2.0	1.8	60	2.8	2.7	5.0	69	0	0	72	1.2	1.5	0.4	0.5	H0.5	0.6	P0.4	S1.0	2.2	1.4	0.3	0.7	S2.9	C0.1	L0.4	C0.6	C0.4	25.1
1.2	-3.5	-2.2	67	-3.0	-1.8	9.1	63	0	0	78	0.2	1.4	0.8	0.5	L0.3	0.6	S0.4	L0.7	0.0	0.2	0.4	-0.1	D0.9	C0.8	L0.4	C0.2	C0.3	-3.5
2.0	-1.2	-2.4	62	-1.5	2.0	7.6	63	0	0	75	1.6	2.2	0.7	0.9	L0.7	0.7	P0.3	S0.8	1.2	1.1	0.7	0.6	S1.6	C0.3	L0.2	C0.9	C0.4	15.9
2.6	0.8	-2.6	68	-1.8	1.1	9.1	62	0	0	78	1.1	-0.4	-0.4	1.7	H0.8	0.2	S0.6	L0.5	0.9	1.3	1.3	0.9	S1.0	C0.6	S0.5	C1.7	B0.3	15.7
-0.4	-2.6	-2.0	67	-2.9	-2.3	8.5	58	0	0	78	0.0	1.3	0.6	0.4	L1.2	0.2	S0.8	L1.2	-1.0	0.3	0.3	0.2	D1.4	W0.1	L0.8	C0.2	C0.3	-8.9
2.1	-1.5	-2.4	67	-1.0	0.0	8.0	58	0	0	78	1.6	0.3	0.3	1.0	H0.4	0.2	P0.1	S0.5	2.1	1.4	0.7	0.5	S1.9	C1.7	L0.1			