

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI April 2020

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	JPI	No. Hrs	No. Daus	REL %	% Milk	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	
G	JX SEXING GALLANTRY (4)-ET	840003203845448	63K	100	F	551JE1762	149			72	1063	0.09	72	0.04	48	620	594	538	507
G	JX KASH-IN GOT JIGGY (6)-ET	840003138463636	99K	100	F	551JE1717	144			78	1028	0.04	58	0.03	44	571	543	487	468
G	JX DODAN LH TROOPER (4)	840003203116924	99K	100	F	29JE4204	142			74	665	0.06	46	0.05	36	538	511	451	468
G	JX SEXING GM RHUSS (6)-ET	840003146625424	63K	100	F	551JE1781	142			76	899	0.06	57	0.01	35	558	538	501	480
G	JX FARIA BROTHERS FULLER (5)-ET	840003200650032	99K	100	F	1JE7049	139			73	445	0.10	44	0.09	36	531	490	403	434
G	TOG BRONZE 36673-ET	840003149715762	14K	100	F	564JE574	139			77	883	0.02	47	-0.02	27	479	474	467	455
G	JX FOREST GLEN SUCCESSION (6)-ET	USA 067650295	99K	100	F	7JE1716	138			77	1376	-0.06	53	0.02	54	528	503	452	422
G	JX FOREST GLEN GOT MAID DANIEL (6)-ET	USA 067650254	99K	100	F	14JE1683	138			77	1390	-0.10	45	0.00	51	510	490	450	401
G	JX RIVER VALLEY CHIEF (6)-ET	USA 075341195	99K	100	F	777JE10034	138			77	1071	0.05	63	0.00	39	523	509	481	457
G	JX CAL-MART VERIZON (4)-ET	USA 067374660	99K	100	F	29JE4176	138			75	647	0.04	41	0.06	37	496	466	402	458
G	JX JER BEL MALDINI ARCHIE (5)-ET	USA 173491704	99K	100	F	507JE1769	136			74	721	0.06	49	0.06	40	527	493	421	446
G	JX CAL-MART WESTPORT (5)-ET	USA 067374603	99K	100	F	29JE4117	136			76	117	0.26	61	0.13	32	553	503	397	449
G	JX CDF JLS PILGRIM THRASHER (6)-ET	840003006436075	99K	100	F	507JE1758	134			76	807	0.00	40	0.02	35	475	456	415	462
G	JX FARIA BROTHERS WOJ (4)-ET	840003200649660	99K	100	F	1JE7048	134			73	461	0.14	53	0.08	34	527	493	419	446
G	JX FARIA BROTHERS ALTASABAN (4)-ET	840003200649644	99K	100	F	11JE7047	134			73	971	0.06	60	-0.01	33	525	513	491	433
G	JX FOREST GLEN GOT MAID BRAZEN (6)-ET	USA 067650294	99K	100	F	7JE1717	133			77	1533	-0.06	60	0.02	60	516	489	435	386
G	JX DUPAT JLS STRMCLD DORSAI (5)-ET	840003141725606	45K	100	F	147JE6229	133			76	1388	-0.08	49	-0.03	45	475	468	455	424
G	TOG IRON 36896-ET	840003149715985	14K	100	F	564JE578	133			76	885	-0.05	31	0.01	35	452	437	404	429
G	JX FOREST GLEN AMSTERDAM (6)-ET	USA 067650245	99K	100	F	7JE1684	132			76	1361	-0.12	39	0.00	51	485	466	426	415
G	PINE-TREE CHROME NAVIDAD (6)-ET	USA 067771942	99K	100	F	507JE1792	132			77	960	0.06	59	0.04	45	511	482	420	417
G	JX PRIMUS ENZO CHATHAM (4)-ET	840003200210433	99K	100	F	7JE1789	132			73	964	0.00	46	-0.02	31	472	464	450	438
G	JX SEXING GM Paddock (4)-ET	840003146617430	29K	100	F	551JE1766	130			75	1368	-0.05	56	0.03	56	547	519	462	440
G	JX SEXING GOT MAID PURSUE (4)-ET	840003132353767	99K	100	F	551JE1732	130			76	1443	-0.05	58	0.00	53	529	507	465	397
G	JX AVI-LANCHE VICEROY DASHIELL (6)-ET	840003131412772	99K	100	C	7JE1722	130			77	768	0.08	54	0.06	42	543	512	443	467
G	JX FARIA BROTHERS LONG (5)-ET	840003200649024	99K	100	F	1JE7105	130			72	273	0.16	48	0.11	33	497	454	363	432
G	JX VIERRA CLAPTON (4)-ET	840003200644122	99K	100	F	200JE1228	129			73	770	0.12	63	0.04	38	520	493	437	416
G	JX FOREST GLEN GOT MAID TORNADO (6)-ET	USA 067650271	99K	100	F	7JE1685	129			77	1291	-0.06	50	-0.01	46	493	478	448	395
G	TOG LISTOWEL PUMICE-P-ET	840003143160078	99K	100	F	7JE1653	128			78	1279	-0.10	40	-0.03	40	450	442	429	385
G	PRIMUS VICEROY CALIBAN-ET	840003006436062	99K	100	F	507JE1787	128			76	721	0.02	39	0.03	33	474	452	406	446
G	JX FARIA BROTHERS ALTAKELCE (4)-ET	840003206191721	99K	100	F	11JE7144	127			72	573	0.14	58	0.10	42	521	476	382	392
G	TOG LISTOWEL IROQUOIS-P-ET	840003143160018	99K	100	F	14JE1675	127			78	726	0.03	42	0.06	39	485	451	383	363
G	JX PINE-TREE KLAY DRIVER 1951 (4)-P-ET	USA 067771951	63K	100	F	551JE1777	127			75	559	0.00	28	0.04	29	457	433	383	376
G	JX CROSSWIND ZINC OSKA (4)-ET	840003150320964	99K	100	F	11JE7018	127			74	176	0.17	46	0.09	26	514	477	398	430
G	JX FARIA BROTHERS URLACHER (6)-ET	840003144724492	99K	100	F	7JE1739	126			77	467	0.13	51	0.12	44	538	484	370	398
G	JX PINE-TREE ALTAFAINAL SHOW (4)-ET	USA 067771958	99K	100	F	11JE7083	126			73	512	0.11	48	0.09	38	501	463	381	408
G	YOSEMITE JLS KWYNN ROWAN-ET	840003131274492	99K	100	F	507JE1760	126			77	177	0.12	35	0.10	29	495	453	365	427
G	JX PRIMUS FOURNETTE CARDIFF (4)-ET	840003200135525	99K	100	F	7JE1786	126			73	935	-0.14	14	-0.03	28	419	414	407	410
G	JX LUCKY HILL WOODSTOCK (6)-ET	USA 173591477	99K	100	F	29JE4193	126			77	6	0.24	51	0.11	24	550	509	420	455
G	JX FARIA BROTHERS ALTAZION (6)-ET	840003200649797	99K	100	F	11JE7106	126			72	198	0.16	44	0.07	23	505	472	403	445
G	JX FARIA BROTHERS BUTKUS (4)-ET	840003144724624	99K	100	F	14JE1712	125			76	353	0.24	69	0.07	29	477	446	379	399
G	TOG LEAD 36903-ET	840003149715992	14K	100	F	564JE593	124			76	301	0.08	32	0.01	14	432	420	396	423
G	JX SUN VALLEY JAYWALK (6)-ET	USA 173324101	99K	100	F	777JE1196	123			78	894	0.05	55	0.06	46	491	454	379	377
G	RIVER VALLEY ALLIE ALLELE	840003201930546	99K	100	F	200JE10055	123			76	1168	-0.10	34	-0.01	41	476	464	441	399
G	JX CROSSWIND VITUS (4)-ET	840003150320917	99K	100	F	777JE1203	123			77	569	0.11	51	0.07	37	523	491	422	434
G	ALL LYNNS DEMOS-P-ET	USA 173162305	99K	100	F	777JE1178	123			78	768	-0.01	36	0.03	35	454	431	384	386
G	JX AHLEM CRAZE PROTEUS (6)-ET	840003144728355	99K	100	F	7JE1737	123			77	672	0.07	47	0.02	30	457	439	401	403
G	JX FOREST GLEN ALTO (6)-ET	USA 067650279	99K	100	F	29JE4119	122			77	1237	-0.08	42	0.00	45	475	457	422	361
G	JX AHLEM AMP HEIST (6)-ET	840003202630924	99K	100	F	7JE1788	122			74	711	0.02	38	0.06	39	427	395	328	354
G	ALL LYNNS LISTOWEL DALTON-P-ET	USA 173175006	99K	100	F	29JE4137	122			78	739	-0.02	31	0.04	35	448	423	370	420
G	JX AHLEM WORLD CUP HIDALGO (5)-ET	840003144728322	99K	100	F	14JE1736	122			77	-158	0.16	27	0.12	19	470	429	342	424
G	JX PINE-TREE ENZO DAVID 1908 (4)-ET	USA 067771908	99K	100	F	551JE1757	121			73	823	0.02	45	0.06	43	531	499	431	425
G	RIVER VALLEY MAC MERIT-P-ET	USA 075341167	99K	100	F	777JE10030	121			77	622	0.12	57	0.07	38	450	418	349	363
G	JX PINE-TREE MAYFLOWER (4)-ET	USA 067771792	99K	100	F	7JE1767	121			77	751	0.04	45	0.02	32	458	439	401	404
G	JX AHLEM ENDURANCE (4)-ET	840003144728626	99K	100	F	777JE1211	120			76	631	0.13	59	0.04	31	526	505	460	430
G	BAR MB CRAZE CASTRO	840003151584695	99K	100	F	14JE1762	120			77	462	0.05	34	0.03	23	451	434	397	369
G	JX BW LIGHTNING (6)	USA 173135567	99K	100	F	505JE128	119			78	1306	-0.16	28	0.01	51	402	383	341	349
G	JX AHLEM BALTAZAR KIAWA (6)-P-ET	USA 067823735	99K	100	F	7JE1617	119			76	902	-0.04	34	0.01	36	414	399	367	356
G	JX FOREST GLEN BALTAZAR AMORE (6)-ET	USA 067650232	99K	100	F	29JE4105	119			77	921	-0.13	15	0.01	35	421	406	375	375
G	TOG SILVER 37152-ET	840003203346460	14K	100	F	564JE600	119			77	495	0.08	42	0.07	33	439	406	337	391
G	RIVER VALLEY BELLRINGER-ET	USA 067861326	99K	100	F	200JE10053	118			76	937	-0.05	34	0.06	48	449	419	353	400
G	JX AHLEM BALTAZAR FIRESTAR (6)-ET	USA 067823730	99K	100	F	7JE1662	118			77	835	-0.09	21	0.03	37	379	358	313	359
G	TOG MAGNESIUM W961 8664-ET	840003200059621	14K	100	F	564JE584	118			76	913	-0.06	31	0.01	35	458	443	413	408
G	JX SCHOENE KUJ NOODLE (4)-ET	840003146031915	99K	100	F	14JE1765	118			77	203	0.21	54	0.12	33	466	423	330	373
G	JX FARIA BROTHERS KLEERLY (5)-ET	840003200650065	99K	100	F	1JE7110	118			72	672	0.06	45	0.03	32	467	445	400	412
G	JX TAYLOR BROTHERS GM MACEO (4)-ET	840003132356546	99K	100	F	551JE1752	117			76	838	0.10	62	0.05	42	479	448	384	397
G	JX PROGENESIS GIFTED (5)-ET	124 111180165	99K	100	F	777JE1201	117			76	672	0.10	55	0.08	42	515	478	398	372
G	JX PROGENESIS MARKUP (5)-ET	124 110879045	99K	100	F	777JE1181	117			76	599	-0.01	26	0.05	33	437	407	346	369
G	JX PEAK ALTAMONTRA (6)-ET	840003140986383	99K	100	F	11JE1369	116			77	875	0.05	54	0.05	44	476	446	383	387
G	AHLEM CRAZE JALAPENO 24052-ET	840003144728247	45K	100	F	100JE7412	116			76	874	-0.05	31	0.00	32	402	391	368	366
G	JX CAL-MART ORIOLE (4)	USA 067374680	99K	100	F	29JE4200	116												

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SCS	PL	LIV	DPR	DPR REL	CCR	HCR	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP RV	RTP SV	JUI
3.03	4.1	0.4	-0.7	60	-0.8	0.8	6.6	0	0	74	1.5	0.5	0.4	1.7	L0.3	-0.2	P0.7	S0.5	0.8	2.9	1.4	1.3	0.0	W0.3	L0.4	0.0	0.0	10.0
2.69	5.2	0.0	-0.1	70	0.5	1.4	9.3	0	0	79	0.6	0.2	0.5	1.2	H0.9	0.3	P0.6	S1.0	0.9	0.2	1.0	0.4	D0.2	C0.2	L0.4	C0.2	C0.3	1.2
2.92	6.1	1.4	1.4	66	1.8	1.6	9.6	0	0	76	1.0	0.5	0.1	0.8	L0.5	0.4	P0.1	S0.5	0.8	0.8	0.7	0.7	S0.7	C1.2	S0.2	C1.1	B0.2	6.5
2.71	5.2	-0.4	0.3	69	0.8	1.1	9.3	0	0	78	1.1	0.4	-0.5	1.0	H0.8	0.0	P1.0	S1.0	1.9	1.2	0.9	-0.2	S1.6	C0.9	S0.1	C0.3	C0.7	8.8
2.77	5.3	2.0	0.9	61	0.4	1.3	6.2	0	0	74	0.2	0.3	-0.1	0.3	H0.7	0.1	P0.4	S0.7	1.2	0.2	0.2	-0.1	S1.0	C1.4	S0.1	C0.2	B0.6	5.6
2.83	5.5	3.1	2.4	67	2.9	2.7	7.8	0	0	77	-0.1	-0.9	0.4	-0.2	L0.4	-0.4	S1.0	S0.2	-0.2	-0.3	-0.2	0.7	D0.2	W0.1	L0.1	C0.7	C0.2	-1.4
2.80	4.8	-1.6	-0.6	68	-0.1	0.9	8.6	0	0	78	0.5	0.6	-0.1	0.4	H0.1	-0.2	P0.6	S0.7	0.5	0.0	0.3	-0.1	S1.0	W1.0	L0.8	W0.7	C0.3	0.8
2.77	5.1	-0.6	-1.0	68	0.1	0.8	8.6	0	0	78	0.7	-1.0	0.0	0.9	H0.4	-0.5	P0.5	S0.6	0.6	0.4	0.7	0.9	D0.4	C1.6	L0.3	C0.9	C0.3	1.9
2.89	3.8	-1.6	-0.1	66	0.4	2.6	8.2	0	0	77	1.6	0.4	-0.3	2.4	L0.3	-0.2	S0.5	L0.3	0.5	2.5	2.0	1.5	D0.6	C1.3	L0.7	C1.1	B0.8	9.3
2.95	5.2	2.8	2.8	66	2.9	2.3	6.8	0	0	77	0.0	-0.6	0.3	-0.2	H0.1	0.2	S0.7	L0.1	0.1	0.2	-0.2	0.1	D0.3	W0.2	L0.8	C0.4	C0.2	-0.7
2.77	3.7	2.1	0.6	63	1.0	3.9	8.1	0	0	76	0.9	1.0	0.9	0.1	H0.1	1.0	P0.7	S0.8	2.1	0.6	0.1	0.2	S1.3	C0.9	S0.2	C0.3	B0.3	8.3
2.80	3.9	0.9	0.4	67	0.0	2.2	8.1	0	0	77	0.7	-0.1	0.2	0.5	H0.8	0.5	P0.5	S0.6	1.8	0.8	0.5	-0.6	S0.5	C2.1	L0.2	C0.7	B0.6	7.4
2.90	5.0	3.9	3.5	66	3.7	3.6	7.4	0	0	77	0.0	0.9	1.2	0.0	H0.1	0.8	S0.8	L0.1	0.3	-1.0	0.0	1.1	D0.4	C1.7	L0.2	C0.6	C0.1	-2.5
2.92	3.9	1.6	0.6	61	0.6	1.9	6.6	0	0	74	0.8	0.5	0.0	1.4	H1.6	0.8	S0.1	S0.5	1.2	1.0	1.2	0.8	S1.3	C0.5	S0.5	C0.3	B0.7	9.3
2.73	4.3	0.6	-0.6	60	-0.4	0.9	6.4	0	0	74	0.7	0.1	0.0	0.9	H1.2	0.5	P0.4	S0.6	2.0	1.2	0.8	0.4	S1.1	C1.5	0.0	0.0	B0.5	9.8
2.83	3.3	-3.8	-2.3	68	-1.5	0.9	8.4	0	0	78	1.1	-0.5	0.4	1.3	H0.5	-0.4	P0.7	S0.5	0.7	0.8	1.1	0.4	D0.1	C0.7	L0.5	C0.1	C0.4	2.7
2.95	4.1	1.1	0.9	64	0.9	1.6	7.8	0	0	76	0.5	-0.5	-0.2	1.1	H0.4	-0.2	S1.2	L0.2	0.2	0.5	0.9	0.9	D0.7	C0.7	S0.1	C1.5	C0.1	1.9
2.91	5.2	2.2	2.0	67	3.9	4.4	9.0	0	0	77	0.4	-0.6	-0.2	0.1	L0.2	0.2	S0.6	S0.3	1.0	0.6	0.1	-0.2	S0.6	W0.6	0.0	W0.1	0.0	4.1
2.89	4.4	0.5	0.4	67	1.3	1.9	7.7	0	0	77	0.9	0.0	0.7	0.6	L0.3	-0.3	P0.3	S0.9	0.6	0.1	0.5	0.8	S0.2	C1.2	L0.3	C0.9	C0.3	2.0
2.85	3.1	-0.8	-0.6	69	0.3	1.8	9.3	0	0	78	1.4	0.1	0.1	2.0	H0.9	0.6	S0.6	L0.4	0.6	1.2	1.7	0.9	D0.4	C2.1	S0.1	C1.7	B0.6	6.6
2.79	5.2	1.0	1.6	63	2.5	3.2	7.9	0	0	75	0.9	0.1	0.5	0.3	H0.2	0.3	S0.1	S0.3	1.6	0.4	0.2	0.0	S0.7	C1.0	S0.2	C0.1	C0.1	5.2
2.86	4.2	-0.5	-0.4	66	-0.3	0.7	7.5	0	0	76	0.8	1.7	1.3	0.5	L0.1	0.7	P0.5	S1.3	1.3	0.5	0.4	-0.1	S0.8	C0.2	L0.8	C0.6	C0.4	4.0
2.73	4.5	-2.0	-1.8	68	-2.0	0.2	8.6	0	0	77	1.5	0.5	0.6	1.3	H0.1	0.2	S0.2	S0.6	1.6	1.2	1.2	0.5	S0.3	C1.7	L0.3	C0.6	C0.4	6.7
2.95	4.7	2.1	1.1	64	2.3	3.0	6.3	0	0	77	0.7	1.5	1.5	0.3	0.0	1.9	S0.1	S0.8	1.4	0.4	0.2	0.0	S0.5	C0.4	L0.6	C0.5	B0.2	4.3
2.88	3.7	1.6	1.4	61	1.7	3.7	6.9	0	0	74	0.6	0.8	0.6	0.7	H1.0	0.6	P0.3	S0.2	0.9	0.7	0.6	0.2	S0.8	C0.2	L0.4	C0.4	B0.4	5.5
2.88	3.6	0.8	-0.6	64	-0.1	1.0	8.5	0	0	76	0.8	0.1	0.1	0.7	L0.7	-0.3	0.0	S0.1	0.0	1.2	0.6	0.4	D0.1	W0.9	L0.8	W0.9	C0.1	2.0
2.87	4.4	0.0	-1.0	69	0.0	2.2	8.7	0	0	78	0.4	-0.6	-0.2	0.6	H0.1	-0.3	P0.8	S0.8	0.6	0.3	0.5	-1.3	S0.2	W1.3	L0.6	W1.4	B0.3	0.6
2.76	4.9	1.7	0.6	70	0.7	0.9	9.1	0	0	78	0.3	-0.8	0.3	0.7	H0.1	0.0	P0.2	L0.1	-0.7	0.3	0.6	0.2	D1.4	W0.5	S1.0	C0.1	B0.2	-1.4
2.82	4.9	1.2	2.3	68	3.3	3.0	9.3	0	0	78	0.6	1.3	0.5	-0.1	L0.4	1.2	S0.5	S0.3	2.3	1.3	-0.1	-0.5	S1.8	W0.2	L0.5	C0.2	C0.2	9.7
2.78	3.6	0.1	-0.8	62	-0.9	0.6	7.0	0	0	74	1.0	1.5	0.7	1.6	H0.7	0.9	S0.5	0.0	0.9	0.8	1.4	0.5	S0.2	C0.9	L0.3	C0.7	B0.4	5.3
2.74	4.4	2.8	-0.9	70	0.1	1.6	9.0	0	0	79	0.4	-1.3	0.2	0.3	0.0	0.2	P1.1	S0.5	0.2	0.2	0.2	-0.6	D1.1	W0.2	S1.1	0.0	B0.2	-0.1
2.78	6.1	3.1	0.6	63	1.4	2.2	7.8	0	0	75	0.6	-0.9	0.0	0.0	H0.5	-0.1	P0.5	S0.4	2.0	0.3	0.0	-0.3	S1.6	C0.1	S0.9	C0.4	C0.1	7.6
2.83	4.6	2.0	0.7	63	0.2	1.9	7.5	0	0	75	1.2	-0.5	-0.1	1.2	H1.2	0.5	P0.8	S0.8	1.5	1.7	1.0	0.3	S0.4	C0.1	L0.6	C0.5	B0.8	9.1
2.74	5.1	-1.6	-1.0	65	0.3	1.5	8.0	0	0	76	0.5	1.8	1.1	-0.1	H0.6	1.0	P1.1	S1.0	2.9	0.9	-0.1	-0.7	S2.3	W1.6	L1.8	W1.3	B0.3	8.6
2.93	5.2	1.1	0.7	63	1.0	1.9	7.9	0	0	75	0.7	0.8	0.3	0.7	H0.2	0.4	S0.3	0.0	0.4	0.2	0.6	0.4	0.0	C0.6	L0.2	C0.3	B0.1	1.7
2.85	5.1	2.2	1.5	68	2.3	2.0	9.1	0	0	78	0.9	1.1	0.1	0.1	0.0	0.9	P0.6	S1.1	2.4	0.7	0.1	0.3	S2.5	W0.1	S0.4	C0.4	C0.7	9.9
2.76	6.5	2.0	2.5	64	3.0	2.9	8.2	0	0	75	1.3	0.5	-0.2	-0.2	H0.3	0.2	P0.6	S0.6	2.8	1.8	-0.2	0.2	S2.8	C0.3	L0.4	C0.2	C0.2	14.2
2.85	4.7	2.4	0.5	67	0.6	1.4	9.4	0	0	78	1.8	2.4	0.0	1.8	H0.3	1.0	S0.2	S0.6	2.5	2.4	1.6	1.3	S2.5	C1.6	L1.2	C0.8	B0.2	16.1
2.71	4.6	0.0	1.1	63	1.0	2.0	8.5	0	0	75	1.3	0.3	0.3	0.9	H2.4	1.0	P0.9	S1.5	4.3	1.3	0.8	-0.1	S3.1	C1.4	L0.3	C0.6	0.0	16.3
2.94	2.9	-0.6	0.2	63	0.8	1.2	7.5	0	0	75	1.0	-0.5	-0.2	1.0	0.0	-0.2	S1.4	L0.7	0.1	0.7	0.9	0.4	D0.1	C0.2	S0.1	0.0	B0.3	2.9
2.80	6.1	3.1	2.9	68	3.5	4.3	8.7	0	0	78	0.3	-0.7	0.1	-0.8	H0.1	0.1	P0.5	S1.0	2.1	-0.4	-0.7	-0.2	S1.5	C0.3	S0.8	C0.3	0.0	5.4
2.75	3.8	-1.0	-0.6	70	-0.6	1.2	9.2	0	0	79	0.7	0.2	0.7	0.0	L0.5	0.4	S0.1	S0.6	1.2	-0.1	0.0	0.2	S0.3	C1.0	L0.1	C0.1	C0.6	1.4
2.91	5.8	1.1	0.1	67	0.6	2.0	10.3	0	0	77	1.5	1.3	0.2	1.2	L0.1	0.2	S0.3	S0.5	1.3	1.7	1.0	0.7	S1.4	C0.4	L0.1	C0.5	B0.7	11.2
3.02	4.5	1.3	0.2	69	0.9	2.3	9.0	0	0	79	1.3	1.0	0.8	1.4	H0.2	1.4	P0.2	S0.8	1.6	1.6	1.2	0.6	S0.5	C0.7	L0.1	C0.4	B0.2	9.0
2.83	4.8	2.1	0.8	70	1.7	1.6	9.6	0	0	79	0.9	-0.1	0.9	0.6	H0.1	0.5	S0.1	S0.3	1.4	0.3	0.5	0.4	S0.3	C1.5	S0.9	C0.5	C0.4	4.6
2.89	4.0	0.9	0.8	67	1.6	1.5	9.1	0	0	78	1.0	0.8	-0.4	0.7	L0.1	-0.1	S0.9	L0.3	1.5	1.2	0.6	0.3	S1.6	C1.1	L1.5	C0.7	B0.7	9.2
2.77	5.0	0.8	-1.1	68	-0.4	0.6	8.7	0	0	78	0.8	0.6	0.5	1.0	L0.2	0.0	S0.6	S0.3	1.2	0.3	0.8	0.3	S0.8	C1.4	0.0	C0.9	C0.3	4.7
2.85	3.4	-0.6	0.1	66	0.4	2.7	9.7	0	0	77	0.4	-1.3	-0.3	0.6	H0.3	-0.9	S0.5	L0.6	0.8	1.6	0.5	0.7	S0.5	W0.2	0.0	W0.5	C0.2	6.6
2.77	4.4	1.8	2.3	70	3.2	2.3	8.8	0	0	79	0.7	0.9	1.0	1.2	H0.8	1.3	P0.2	S1.0	0.6	-0.3	1.0	0.0	D0.7	C0.8	S0.7	C0.5	C0.4	-0.6
2.89	5.1	2.8	2.0	68	2.6	2.5	8.6	0	0	78	1.3	0.2	-0.6	1.6	H1.4	0.2	P0.4	S1.1	2.0	1.6	1.4	0.3	S1.0	C1.0	S0.2	C1.3	B0.4	11.5
2.88	4.6	0.7	-0.5	63	-0.2	2.1	8.1	0	0	75	1.8	2.2	1.3	1.9	H0.2	1.3	P0.6	S1.6	1.8	1.9	1.7	0.7	S0.9	C0.9	S0.1	C0.6	C0.3	10.6
2.97	1.8	0.1	-0.6	69	0.5	0.3	8.0	0	0	78	0.7	-1.7	-0.3	1.5	H0.6	-0.5	S0.7	L0.4	-0.7	0.8	1.3	0.7						

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI April 2020

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	JPI	No. Hrs	No. Daus	REL %	% Milk	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	
G	JX PINE-TREE WORLD CUP PISTOL (5)-ET	USA 067771742	99K	100	F	551JE1738	113			76	94	0.22	52	0.13	31	431	381	275	338
G	JX PINE-TREE CRAYON (4)-ET	USA 067771986	99K	100	F	200JE1237	113			76	656	0.08	50	0.00	24	478	469	452	429
G	JX CROSSWIND ZINC ALLTIME (4)-ET	840003150320959	99K	100	F	7JE1775	113			74	-27	0.19	40	0.09	19	479	443	367	386
G	PROGENESIS COMPLETELY-ET	124 109902120	99K	100	C	200JE1116	112			76	1222	0.00	60	0.02	49	429	411	370	334
G	VIERRA BOBDYLAN	840003200644064	99K	100	F	97JE199	112			77	771	0.03	44	0.03	34	424	407	371	384
G	JX JER-Z-BOYZ RESOLUTE (5)-ET	USA 173356083	99K	100	F	14JE1764	111			74	659	0.09	52	0.04	34	473	449	397	355
G	ROC-BOT STOCKHOLM	USA 067811082	99K	100	F	200JE1238	111			76	621	0.04	39	0.05	33	422	398	346	366
G	JX FARIA BROTHERS PRINCE (4)-ET	840003200648785	99K	100	F	97JE196	111			73	299	0.10	36	0.07	27	433	399	329	363
G	JX MOUNT ROCK VICEROY ALPHA (4)	USA 067686884	99K	100	F	29JE4162	110			76	636	-0.03	25	0.01	26	433	421	395	398
G	JX CAL-MART VICEROY HANK (5)	USA 067374672	99K	100	F	29JE4201	110			76	325	0.17	52	0.07	26	440	413	355	378
G	DP KILOWATT AMP-ET	USA 172581329	99K	100	F	7JE1628	110			77	343	0.05	28	0.05	24	351	329	282	358
G	JX ABS TLD CASSELL (5)-ET	840003146074480	99K	100	F	29JE4125	109			77	860	0.11	66	0.05	42	467	439	380	349
G	JX FARIA BROTHERS BIG BABY (4)-ET	840003149595984	99K	100	F	29JE4183	109			73	1101	-0.05	43	-0.01	38	423	412	390	350
G	JX PINE-TREE AROUND (5)-ET	USA 067731469	99K	100	F	1JE1075	109			77	236	0.19	52	0.14	38	509	459	350	388
G	JX SEXING CRAZE QUICKSTEP (5)-ET	840003203845428	99K	100	F	551JE1759	109			76	305	0.15	48	0.04	19	425	407	369	377
G	ISDK VJ ADELGAARD HOVE SAMSON	DNK 000304415	50K	100	F	236JE257	109			73	-189	0.30	54	0.12	19	415	372	281	355
G	PROMETEDOR LOOT-ET	USA 067119938	99K	100	F	777JE1138	108			77	655	0.21	78	0.12	51	529	483	379	389
G	JX LOVES OCTAVIUS (6)-ET	USA 172979241	99K	100	F	777JE1159	108			76	596	0.14	59	0.12	48	484	437	333	367
G	JX FARIA BROTHERS ALVES (5)-ET	840003140371276	99K	100	F	551JE1715	108			77	726	0.00	36	0.04	35	360	335	284	307
G	JX PEAK REAL COST (4)-ET	840003205435885	99K	100	F	1JE1712	108			72	675	-0.02	28	0.02	30	437	420	383	394
G	VICTORY CRAZE SRIXON (6)	USA 173393305	99K	100	F	7JE1750	108			77	542	0.10	47	0.03	26	435	417	381	361
G	DUPAT DILLAN RAIDER-P-ET	840003127607534	29K	100	F	147JE6226	108			77	328	0.02	20	-0.01	9	312	310	308	354
G	JX FOREST GLEN FRISCO TODD (6)	USA 067650310	99K	100	C	29JE4126	107			76	854	-0.02	38	0.08	48	448	412	332	317
G	RIVER VALLEY BUTTONS BIONIC-ET	840003133234887	99K	100	F	777JE10045	107			78	1202	-0.13	28	-0.02	40	406	397	380	357
G	JX LYLESTANLEY ALTAHASHTAG (5)-ET	USA 173297636	99K	100	F	11JE1393	107			76	299	0.12	40	0.11	34	475	433	341	388
G	JX WILSONVIEW SKYMAN (6)-ET	USA 173275032	99K	100	F	777JE1184	107			77	246	0.20	56	0.08	26	478	448	382	417
G	JX CROSSWIND PRIX (4)-ET	840003150320968	99K	100	F	1JE7030	107			72	-23	0.19	40	0.07	13	502	476	421	399
G	PEAK VCRY SHOWTIME-ET	840003200824138	99K	100	F	1JE7010	106			76	1115	0.03	61	0.03	48	443	421	373	359
G	JX FARIA BROTHERS ASENSIO (4)-ET	840003140305961	99K	100	F	551JE1710	106			77	573	0.14	58	0.11	46	450	404	302	341
G	PROGENESIS SKYLER-ET	CAN 012672209	99K	100	F	777JE1132	106			77	764	0.16	73	0.01	31	481	468	440	383
G	SANDCREEKS D LARS COLOMBIA278-ET	840003134637593	45K	100	F	100JE7410	106			77	739	-0.04	27	0.00	28	370	361	343	387
G	JX SANDCREEK SOLDIER (4)-ET	840003134637613	99K	100	F	1JE1098	106			78	461	0.08	40	0.05	28	370	348	299	330
G	TOG COPPER 36735-ET	840003149715824	14K	100	F	564JE577	106			76	-96	0.18	34	0.10	17	439	404	331	420
G	PRIMUM CRAZE STARLORD-ET	840003141725644	99K	100	F	7JE1726	106			76	342	0.08	34	0.00	13	378	371	358	367
G	JX PROGENESIS GINKGO (5)-ET	124 111129563	99K	100	F	777JE1200	105			76	644	0.11	55	0.05	35	473	446	389	355
G	JX ABS DAVE (4)-ET	840003146074397	99K	100	F	29JE4194	105			75	645	0.04	39	0.04	32	413	391	346	374
G	TOG PEWTER 37141-ET	840003203346449	14K	100	F	564JE599	105			76	223	0.20	54	0.10	30	433	394	309	353
G	JX CAL-MART VIVID (4)-ET	USA 067374659	99K	100	F	29JE4177	105			75	331	0.13	45	0.07	28	441	412	348	391
G	FOREST GLEN CRAZE TRIPP-ET	USA 067650436	99K	100	F	29JE4213	105			77	433	0.16	55	0.05	27	431	406	354	350
G	JX FARIA BROTHERS TOBASCO (4)-ET	840003144724629	99K	100	F	97JE189	105			77	333	0.09	35	0.05	24	379	352	297	315
G	JX CROSSWIND ALERT (4)-ET	840003150320962	99K	100	F	1JE7017	105			73	167	0.15	41	0.07	22	450	420	357	366
G	JX ELM-J ALTAALLOY (4)-ET	840003200373379	99K	100	F	11JE7026	104			72	574	0.19	69	0.09	41	505	469	389	381
G	JX AVI-LANCHE JLS ENZO DELTRON (4)	840003148506270	99K	100	F	14JE1784	104			73	1123	-0.03	48	-0.01	38	397	389	373	360
G	DUTCH HOLLOW PUCKETT	840003200835837	99K	100	F	14JE1779	104			77	1227	-0.14	29	-0.06	31	372	380	399	374
G	FOREST GLEN KALAHARI	USA 067650122	99K	100	F	29JE4073	104			77	209	0.07	26	0.10	30	397	361	281	359
G	ISDK VJ BALSLEV LOBO CHOKO	DNK 000304568	6K	100	F	236JE4568	104			72	-352	0.36	59	0.15	19	422	374	270	368
G	ISDK VJ GROENBERG LOBO LOBSTER	DNK 000304580	50K	100	F	236JE4580	104			71	-1377	0.54	40	0.23	-5	364	302	168	354
G	JX ABS HOTLINE (4)-ET	840003141494349	99K	100	F	29JE4093	103			76	645	0.13	59	0.10	46	445	404	314	320
G	JX FARIA BROTHERS THANOS (4)-ET	840003149595911	99K	100	F	97JE194	103			73	743	0.01	38	0.00	28	415	403	379	380
G	JX CROSSWIND EVISTA (4)-ET	840003149120799	99K	100	C	1JE7027	103			73	404	0.15	53	0.05	26	476	449	394	355
G	JX RDO RUSSETT (4)-ET	840003137788995	99K	100	C	29JE4174	103			72	116	0.21	50	0.10	26	413	374	291	312
G	ISDK VJ UDBY LARI LASKY	DNK 000304566	50K	100	F	236JE4566	103			72	226	0.12	37	0.05	18	337	315	269	339
G	JX PEAK ALTAJAMALL (4)-ET	NLD 682613783	99K	100	F	11JE7115	102			72	1125	-0.05	43	-0.01	39	413	402	381	354
G	JX AHLEM FRISCO PINE (6)-ET	USA 067823956	99K	100	F	7JE1699	102			77	-45	0.14	27	0.13	26	406	361	262	373
G	TOG ALLOY 36654-ET	840003149715743	14K	100	F	564JE579	102			76	297	0.19	56	0.06	24	449	421	363	378
G	WETUMPKA LISTOWEL NIGEL-PP	USA 067339324	45K	100	F	566JE109	102			76	447	0.06	35	0.03	22	349	334	303	344
G	JX FARIA BROTHERS ALTAGRONK (4)-ET	840003135124429	99K	100	C	11JE1339	101			76	802	0.08	56	0.07	45	404	369	294	282
G	SEXING VR BENNETT-ET	840003146618025	63K	100	F	551JE1791	101			76	1153	-0.02	52	0.00	42	439	431	411	354
G	JX CO-OP JODECI MEEKO (4)-P-ET	840003146960089	99K	100	F	1JE5014	101			77	480	0.04	31	0.03	24	394	376	339	318
G	JX CO-OP WC MR CHAVEZ (4)-P-ET	840003146960075	99K	100	F	1JE5000	101			76	-23	0.21	44	0.10	21	439	404	326	370
G	ISDK VJ RAVNINGGAARD HUUS HAMLET	DNK 000304607	50K	100	F	236JE4607	101			73	-701	0.31	30	0.19	14	374	315	187	370
G	ISDK VJ JUULSGAARD GISLEV GATES	DNK 000304544	6K	100	F	236JE4544	101			70	-280	0.14	15	0.07	5	309	280	222	326
G	JX AHLEM BROTHERS JLS DANCER ADIOS	840003138396603	99K	100	C	14JE1790	100			72	995	-0.13	19	-0.04	28	374	377	384	382
G	JX SHOT OF NAT ALVIN (4)-ET	USA 067801269	99K	100	F	29JE4182	100			76	146	0.01	10	0.02	9	363	350	325	333
G	JX AHLEM DETERMINA CHAUNCY (6)	USA 067823330	99K	100	F	7JE1598	99			77	746	-0.05	24	-0.01	26	339	329	311	303
G	JX FOREST GLEN MONUMENT SULLY (6)	USA 119889365	99K	100	F	97JE165	98			76	892	-0.05	31	-0.03	26	363	361	361	359
G	JX ALL LYNNS KLAY DESTINY (4)-P-ET	USA 173502448	99K	100	F	7JE1774	98			76	555	-0.01	24	0.02	24	393	379	351	356
G	DUPAT DILBERT-P-ET	840003127607529	45K	100	F	97JE195	98			78	277	0.04	22	-0.01	9	323	321	317	381
G	JX ABS CHEESEHEAD (6)-ET	840003135246056	99K	100	F	29JE4081	97			76	397	0.18	59	0.10	37	378	336	245	287
G	JX AJ GARNETT GROVER (4)-ET	USA 067443778	99K	100	F	29JE4145	97			75	691	0.08	50	0.02	29	424	411	384	369
G	JX PEAK ALTAGRAPPLE (5)-ET	840003147840033	99K																

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI April 2020

SCS	PL	LIV	DPR	DPR REL	CCR	HCR	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP RV	RTP SV	JUI	
2.79	2.8	0.3	0.1	66	1.2	3.6	6.7	0	0	76	-0.5	-0.7	0.3	-0.3	H1.4	0.3	P0.3	S0.5	-0.3	-1.3	-0.3	-0.2	D1.1	C0.1	L0.5	C1.3	B0.4	B0.4	-5.6
2.94	4.3	2.4	0.9	65	1.3	1.7	7.9	0	0	76	1.3	1.4	0.7	0.9	H0.7	1.1	P0.5	S1.0	2.4	0.9	0.8	0.8	S2.4	C0.5	L1.3	C0.7	B0.4	B0.4	10.9
2.81	4.7	2.1	0.3	63	-0.3	0.3	8.1	0	0	76	1.5	1.7	-0.3	0.8	H0.3	0.5	P0.3	S0.8	3.3	2.2	0.7	-0.2	S3.8	C0.4	L0.3	C0.4	B0.5	B0.5	19.2
3.09	1.4	-0.5	-1.4	67	-0.7	0.1	8.2	0	0	77	0.3	-0.8	0.1	0.9	L1.2	-0.7	P0.1	L0.7	-1.0	1.3	0.8	1.1	D1.9	W1.1	L0.4	W0.6	C0.4	C0.4	-2.1
3.05	3.6	1.7	1.3	67	2.3	2.7	8.3	0	0	78	0.2	0.9	0.7	0.0	L0.9	0.4	S0.5	S0.3	1.0	0.2	0.0	0.4	S0.7	C0.2	S0.4	C0.3	C0.5	C0.5	3.3
2.95	3.2	2.4	-1.3	65	-1.4	0.3	8.4	0	0	76	1.0	0.0	0.5	0.3	H0.6	0.1	P0.4	S0.5	2.5	0.9	0.2	0.2	S1.8	C0.7	L0.7	W0.1	B0.5	B0.5	9.9
2.97	3.3	0.7	0.6	66	1.3	1.6	9.3	0	0	77	1.0	0.9	-0.1	0.6	L0.3	0.0	P0.2	S0.2	1.3	1.4	0.5	0.5	S1.2	C0.5	L0.3	C0.4	B0.7	B0.7	9.6
2.77	4.4	0.3	0.8	64	0.4	1.3	8.0	0	0	75	0.7	0.4	-0.2	0.6	H1.7	0.5	P0.8	S0.9	1.7	0.7	0.5	0.1	S1.4	C0.4	L0.4	0.0	B0.2	B0.2	7.3
2.97	5.6	2.1	1.4	66	2.3	3.2	7.3	0	0	77	1.5	0.9	0.5	0.7	H0.5	1.0	S0.1	S1.1	3.7	1.8	0.6	0.8	S2.8	C1.2	0.0	C0.5	C0.1	C0.1	16.7
2.97	3.4	1.6	0.9	65	1.1	1.5	7.0	0	0	77	0.3	-1.4	0.1	-0.7	H0.5	0.2	0.0	S0.6	1.2	0.3	-0.6	-0.4	S0.4	W0.4	L0.3	C0.1	C0.4	C0.4	2.3
3.03	3.2	2.3	3.1	69	3.6	2.1	8.6	0	0	78	-0.2	-1.4	-0.4	0.2	L0.8	-0.9	S0.8	L0.8	-0.6	0.7	0.2	0.7	D0.9	W0.5	S0.4	W1.0	C0.6	C0.6	-1.3
2.93	2.6	-4.0	-2.4	67	-0.6	1.0	8.4	0	0	78	0.9	-0.3	0.3	1.2	H1.0	0.0	P0.7	S0.6	1.2	1.2	1.1	0.4	S0.4	W0.1	L1.2	W0.7	B0.1	B0.1	5.0
2.86	3.4	0.2	-0.6	63	-0.2	3.0	8.0	0	0	75	0.9	-0.1	0.9	0.9	H1.4	0.4	P0.7	S0.8	1.4	0.9	0.8	1.0	D0.4	C0.9	L0.9	C0.5	B0.3	B0.3	4.5
3.01	3.0	0.6	-0.9	68	-0.9	2.4	7.5	0	0	78	1.3	0.7	1.0	1.5	H2.2	1.5	P1.3	S1.5	1.6	1.6	1.3	0.7	D0.6	C2.7	L0.4	C0.5	B1.0	B1.0	8.4
2.90	3.9	1.3	1.2	64	1.2	-0.9	7.6	0	0	76	1.1	-0.7	-0.5	0.2	H0.2	-0.2	0.0	0.0	1.4	1.3	0.2	0.8	S1.0	C0.3	L0.9	C1.4	B0.6	B0.6	8.9
2.86	3.0	1.0	1.4	58	2.4	1.7	4.3	0	0	71	-0.7	0.4	0.0	-0.9	H0.3	-0.6	P0.2	0.0	-0.9	-0.7	-0.7	-0.7	S1.0	W1.4	S0.6	W1.0	C0.1	C0.1	-2.4
3.22	1.5	-1.6	-1.8	68	-1.3	-0.9	9.1	0	0	78	0.8	2.1	1.2	1.1	L0.7	1.0	P0.1	S0.5	0.5	1.8	0.9	0.4	S0.4	W1.2	L0.8	W1.0	C0.2	C0.2	5.3
3.08	1.0	-1.8	-1.7	69	-0.9	1.0	9.2	0	0	78	1.5	1.1	0.6	1.8	H0.5	0.6	S0.4	S0.9	1.6	2.1	1.5	0.7	S0.7	C0.2	L1.4	W0.7	B0.5	B0.5	9.5
2.86	2.4	0.3	0.7	68	0.8	0.3	7.1	0	0	77	0.2	-1.1	-0.4	0.6	H0.2	-0.3	S0.1	L0.3	-1.0	-0.6	0.5	0.2	D1.2	C0.4	S1.1	C0.5	C0.4	C0.4	-4.5
2.93	5.7	2.3	1.8	60	1.8	3.0	6.3	0	0	73	1.0	2.2	1.3	-0.1	H0.8	1.3	P0.8	S1.1	2.8	0.5	-0.1	-0.2	S2.8	W0.2	L0.8	C0.1	C0.2	C0.2	9.7
2.92	2.8	1.9	-0.2	66	-0.4	0.0	8.5	0	0	76	1.0	0.0	-0.8	0.8	H0.3	-0.7	P0.1	S0.3	1.5	1.8	0.7	0.5	S1.4	C0.1	L1.6	C0.1	B0.8	B0.8	10.2
2.83	4.8	1.1	3.7	69	4.8	1.0	9.0	0	0	78	0.0	-1.2	-1.1	0.0	L1.4	-1.6	P0.1	L0.4	-0.1	1.0	0.0	-0.4	S0.5	W0.8	L0.1	W0.4	C0.3	C0.3	2.7
2.98	4.1	-1.2	-1.7	65	-1.7	0.2	8.0	0	0	77	0.8	-0.6	0.1	0.0	H1.0	0.0	P1.3	S0.8	2.4	1.1	0.0	0.0	S1.7	C0.9	L0.4	W0.2	B0.3	B0.3	10.1
2.90	3.9	0.9	0.0	68	2.2	3.6	8.8	0	0	78	1.1	1.1	0.7	1.0	H0.2	1.1	0.0	S0.8	2.0	1.3	0.9	0.5	S0.9	C1.5	L0.9	C0.8	C0.1	C0.1	8.6
2.90	3.8	2.1	0.7	67	0.8	0.8	6.8	0	0	77	0.9	2.7	1.3	0.6	H1.1	1.7	P0.9	S1.1	2.4	1.1	0.5	-0.5	S1.5	C0.3	L1.2	C0.7	B0.6	B0.6	9.7
2.99	3.7	0.3	0.9	68	1.3	2.6	9.1	0	0	78	1.0	1.4	1.2	1.3	H0.7	1.9	S0.6	S1.2	2.2	1.0	1.1	0.6	S0.7	C1.5	S0.4	C0.7	C0.3	C0.3	8.5
2.78	6.1	2.1	-0.2	61	-1.3	0.8	6.8	0	0	73	2.1	2.0	0.4	1.4	H0.9	1.1	P1.3	S1.9	3.9	2.9	1.2	0.4	S3.8	C0.1	S0.1	C0.5	B0.8	B0.8	23.2
3.10	1.7	-0.4	-0.8	67	0.4	2.1	8.9	0	0	77	0.7	1.2	1.0	0.9	L1.3	0.7	S0.7	L0.1	-0.1	1.1	0.8	0.5	D1.0	0.0	S0.3	W0.5	C0.4	C0.4	1.0
3.01	1.7	-2.6	-1.1	68	-0.6	1.2	7.6	0	0	77	0.7	2.3	0.7	0.7	L0.9	0.5	P0.5	S0.4	1.0	0.9	0.6	-0.3	S0.9	W0.6	S0.1	W1.1	0.0	0.0	5.1
3.01	2.1	-0.1	-1.6	68	-1.0	0.8	8.7	0	0	78	0.9	0.7	0.7	1.1	L0.6	0.5	P1.2	S0.7	0.9	1.5	0.9	0.1	S0.4	W0.9	L0.1	W1.1	0.0	0.0	5.8
3.06	4.0	0.8	2.9	68	3.4	3.0	7.9	0	0	78	0.5	0.1	0.4	1.0	H0.3	0.3	S0.1	S0.2	0.3	1.3	0.8	0.5	D0.1	0.0	L1.1	W0.5	B1.7	B1.7	5.6
3.04	3.5	0.1	1.2	69	1.1	3.2	8.4	0	0	78	0.3	0.3	-0.6	0.8	L1.2	-0.9	S1.6	L0.6	-0.6	0.4	0.7	0.4	S0.2	C0.6	S0.9	W0.7	C0.4	C0.4	0.9
2.89	5.1	0.2	2.4	63	4.1	4.6	6.0	0	0	75	1.0	0.9	0.7	0.7	H0.1	1.2	P0.4	S1.3	2.0	1.4	0.6	0.7	S1.9	C1.1	L0.6	C0.3	C0.8	C0.8	9.6
2.88	4.3	1.4	1.8	64	2.4	1.8	7.6	0	0	76	1.1	0.1	-0.4	0.2	L0.3	-0.4	0.0	S0.4	1.7	1.4	0.2	0.6	S2.0	C0.9	L0.6	C0.4	B0.9	B0.9	11.7
2.94	3.0	-0.3	-1.9	66	-1.7	2.4	8.3	0	0	77	1.3	1.9	0.2	1.3	L0.1	0.5	P0.8	S1.0	1.9	1.7	1.1	0.3	S2.3	C0.4	S0.3	W0.8	B0.2	B0.2	12.6
2.97	3.6	0.4	1.2	63	1.7	3.9	5.5	0	0	75	1.1	1.4	1.2	0.2	H0.2	1.5	S0.2	S0.5	2.8	1.0	0.2	0.0	S2.2	C0.4	L0.8	C0.1	C0.7	C0.7	9.6
2.91	2.1	0.3	-0.1	67	1.0	2.9	8.7	0	0	77	0.5	0.2	0.3	0.5	H0.1	0.9	S0.6	S0.2	1.5	0.7	0.4	-0.1	0.0	C0.6	L0.1	C0.1	C0.5	C0.5	3.7
2.99	4.0	2.2	1.8	65	1.7	1.6	6.1	0	0	76	0.1	0.8	0.9	0.0	L0.1	1.0	S0.2	S0.8	0.2	0.3	0.0	0.3	S0.2	W0.7	L1.0	C0.4	C0.2	C0.2	0.5
2.92	2.7	0.5	-0.4	66	0.2	1.2	9.5	0	0	77	1.0	0.7	-0.3	1.4	H0.4	0.4	S0.3	L0.2	0.0	0.8	1.2	1.1	S0.2	W0.1	L1.2	C0.2	B0.4	B0.4	2.9
2.82	3.7	0.1	0.2	68	0.6	2.9	6.8	0	0	76	0.3	-1.5	-0.6	-0.4	H1.0	-0.6	P0.6	S0.5	1.8	0.0	-0.3	0.2	S1.7	C0.2	L0.1	W0.6	C0.1	C0.1	5.3
2.89	4.7	1.3	0.3	61	-0.4	1.2	6.7	0	0	74	1.3	1.2	0.2	1.2	H0.4	0.8	P0.4	S0.6	2.0	1.9	1.0	0.0	S1.6	W0.4	L0.4	C0.5	B0.8	B0.8	12.6
3.11	2.1	0.0	-1.4	59	-1.9	0.9	6.0	0	0	74	1.2	2.3	1.3	2.0	H1.1	1.4	S0.1	S0.4	0.5	1.3	1.7	1.1	S0.2	C1.2	L1.0	C0.5	B0.9	B0.9	6.5
2.97	3.0	0.5	1.1	61	1.0	2.0	6.4	0	0	74	0.6	1.2	1.6	0.7	L0.1	0.7	S0.7	L0.2	0.3	0.2	0.6	0.9	D0.4	C0.7	L0.4	C0.1	C0.4	C0.4	0.0
2.95	4.5	2.1	2.1	67	3.3	1.7	7.9	0	0	78	0.5	0.4	1.3	0.2	0.0	0.7	0.0	S0.9	0.8	0.4	0.2	0.9	D0.4	C1.1	S0.2	C0.4	0.0	0.0	2.6
3.10	4.2	-0.6	1.4	67	2.5	3.4	7.7	0	0	77	0.9	0.3	0.2	0.3	H0.8	0.6	P1.2	S1.1	2.7	1.5	0.3	0.0	S1.7	C1.2	S0.6	C0.9	B0.1	B0.1	13.0
3.01	2.8	0.0	1.2	57	3.8	3.9	3.5	0	0	69	-0.6	0.3	0.5	-0.2	L0.2	0.1	S1.0	S0.2	0.0	-0.7	-0.1	-0.2	S0.7	W0.1	L0.1	W0.5	C0.1	C0.1	-1.4
2.81	3.2	1.2	3.2	51	6.2	3.6	2.0	0	0	66	-0.9	-1.2	-1.2	-1.3	0.0	-1.3	P0.4	S0.3	0.2	-0.8	-1.1	-0.8	S2.1	C0.2	S0.6	W0.3	C0.1	C0.1	1.6
3.11	1.8	-2.3	-2.1	65	-1.1	1.3	7.2	0	0	77	0.6	0.3	-0.1	0.8	L0.6	0.3	P0.5	S0.3	1.0	0.6	0.7	0.0	S0.8	C0.7	S0.7	W0.3	C0.6	C0.6	4.6
2.87	4.2	-0.3	1.1	63	0.9	2.7	7.8	0	0	75	1.5	2.1	1.1	1.5	H0.4	1.1	P0.5	S0.9	1.7	1.4	1.3	1.4	S1.2	C0.8	L0.8	C0.3	C0.4	C0.4	8.6
2.81	3.8	2.5	-1.0	62	-1.7	-0.3	7.4	0	0	75	1.4	2.2	0.7	1.3	L0.5	1.0	P0.2	S0.6	1.7	1.5	1.1	0.6	S1.2	C1.8	L0.2	C0.4	B0.5	B0.5	10.7

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI April 2020

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	JPI	No. Hrs	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$
G	JX FARIA BROTHERS ALTARICHT (5)-ET	84000313512426	99K	100	C	11JE1338	92			77	431	0.15	54	0.11	39	405	362	268	287
G	JX PINE-TREE DISCO CHAPEL HILLBILLY (4)-	USA 067771846	99K	100	F	551JE1746	92			76	589	-0.01	26	0.02	26	355	340	309	311
G	JX PINE-TREE ZINC BOSTON 1913 (6)-ET	USA 067771913	99K	100	F	551JE1763	92			73	47	0.15	35	0.09	21	353	317	241	274
G	AHLEM KWYNN RESPECT-ET	USA 067823687	99K	100	F	7JE1638	92			78	212	0.16	44	0.04	17	384	360	313	279
G	JX PEAK ALTACOOLDUDE (4)-ET	840003200824585	99K	100	F	11JE7079	91			75	726	0.03	42	0.02	30	357	344	314	305
G	JX OAK LANE WHODAT (4)-P-ET	USA 067742198	99K	100	C	97JE178	90			77	372	0.05	29	0.04	22	374	358	320	309
G	PRIMUS CHANGEUP HITTER-ET	840003146582161	99K	100	F	14JE1729	90			77	73	0.11	28	0.08	20	359	327	259	310
G	JX PINE-TREE DECADE (5)-ET	USA 067671553	99K	100	F	777JE1163	89			78	-176	0.17	28	0.11	17	400	362	279	337
G	ISDK VJ OESTERMARIE HAARE HAYS	DNK 000304613	50K	100	F	236JE4613	89			71	-342	0.29	44	0.14	17	358	312	212	335
G	PINE-TREE DISCO BUBBA-ET	USA 067771710	99K	100	F	551JE1723	89			76	-97	0.07	10	0.05	6	329	310	273	326
G	ISDK VJ AGERDAL GISLEV GARANT	DNK 000304576	50K	100	F	236JE5002	89			73	-634	0.29	29	0.12	1	321	284	206	336
G	JX FARIA BROTHERS BILL RUSSELL (4)	840003135124397	99K	100	F	29JE4068	88			77	1027	-0.04	41	0.00	37	328	315	289	255
G	ISDK VJ GAMMELGAARD HAARE HABBIT	DNK 000304650	50K	100	F	236JE4650	88			72	-816	0.41	44	0.22	15	362	297	155	353
G	AHLEM CRAZE DOC 24061-ET	840003144728256	45K	100	F	100JE7413	87			78	490	-0.03	18	-0.02	13	337	337	340	337
G	AHLEM BANCROFT CHICAGO 23929	USA 067823929	45K	100	F	100JE7403	86			77	935	-0.10	23	-0.01	32	319	313	299	261
G	JX FARIA BROTHERS MAHREZ (5)-ET	840003144724308	99K	100	F	551JE1737	86			77	345	0.04	26	0.07	27	338	307	244	273
G	JX AVI-LANCHE RONALDO DEDE (4)-ET	840003131412485	99K	100	C	29JE4108	85			77	728	-0.05	25	0.03	34	374	349	299	271
G	JX SANDCREEKS D STEVENS PARAGUAY	840003144012326	45K	100	F	566JE105	85			77	416	0.06	33	0.05	26	380	355	304	301
G	JX FARIA BROTHERS COUTINHO (4)-ET	840003140305996	99K	100	F	551JE1711	85			77	126	0.21	51	0.07	20	422	394	332	295
G	JX JER-Z-BOYZ KELVIN (4)-P-ET	USA 173269589	99K	100	F	515JE1	85			76	444	0.03	29	0.01	19	350	339	316	305
G	ISDK VJ KLOVBORG HJORT KLOV (6)	DNK 000304276	50K	100	F	236JE243	85			72	-424	0.24	29	0.13	11	273	230	140	269
G	JX FARIA BROTHERS KAWHI (4)	840003144724398	99K	100	F	97JE180	84			77	1350	-0.12	38	0.01	51	332	309	264	187
G	PINE-TREE ALTAFULLBLD-ET	USA 067731422	99K	100	F	11JE1352	84			78	557	0.09	46	0.08	38	370	336	263	270
G	JX FARIA BROTHERS ALTAZIZIC (4)	840003140371297	99K	100	F	11JE1348	84			77	789	0.08	56	0.04	37	369	343	290	273
G	JX FARIA BROTHERS LEWANDOWSKI (4)-ET	840003140305997	99K	100	F	551JE1712	84			77	557	0.07	43	0.04	29	396	376	333	257
G	SUNSET CANYON DESMOND	USA 173345302	45K	100	F	100JE7415	84			73	-44	0.26	54	0.12	23	414	373	284	291
G	YOSEMITE KW MASTERS DEGREE-ET	840003131274413	45K	100	F	100JE7398	84			77	98	0.11	29	0.05	15	307	284	237	326
G	OAK LANE COMANCHE COHORT-ET	USA 067742177	99K	100	F	97JE169	83			78	592	-0.01	26	0.01	24	351	339	315	306
G	JX CAL-MART COTTAGE (5)-ET	USA 067374614	99K	100	F	29JE4118	83			77	-39	0.18	36	0.11	21	358	320	238	272
G	HILMAR TOPGUN (6)-ET	USA 119875908	99K	100	F	147JE6228	82			78	504	0.00	24	0.04	27	349	327	281	293
G	ISDK VJ HOEHOLT JERN JAMES	DNK 000304302	50K	100	F	236JE424	81			74	-680	0.40	50	0.17	10	305	254	144	259
G	ISDK VJ JUULSGAARD WILLEM WILDER	DNK 000304654	50K	100	F	236JE4654	81			70	-1019	0.37	25	0.15	-6	254	207	110	279
G	AVI-LANCHE MALCOM (4)-P	840003131651479	99K	100	F	97JE166	79			77	583	0.01	31	0.03	28	322	300	255	240
G	JX FARIA BROTHERS ZACH LOWE (5)-ET	840003144724385	99K	100	F	29JE4136	79			77	-360	0.26	37	0.11	10	315	278	199	269
G	JX PINE-TREE PROTOTYPE (5)-ET	USA 067671699	99K	100	F	777JE1197	78			76	329	0.08	33	0.05	22	336	311	260	242
G	ISGB GRAHAMS GOLDTOP-ET	GBR 178402906	63K	100	F	522JE1727	77			76	-123	0.23	42	0.09	14	297	269	206	286
G	PINE-TREE NXLEVEL FASTIDIOUS-ET	USA 067731425	99K	100	F	97JE167	76			78	484	0.08	41	0.04	26	299	282	244	222
G	JX AARDEMA ALTASPARRA (4)	840003012659436	99K	100	F	11JE1375	76			77	103	0.11	29	0.02	8	287	276	256	271
G	JX PEAK VCERY MIXUP (4)-ET	840003149335212	99K	100	F	1JE7022	75			75	1240	-0.08	42	-0.03	39	318	315	310	245
G	SUN VALLEY MARCIN JERONIMO-ET	USA 119873803	99K	100	F	14JE1626	75			78	854	-0.04	33	0.03	39	385	362	314	282
G	SUNSET CANYON MAID-RITE-ET	USA 119714531	29K	100	F	100JE7382	75			78	-434	0.32	46	0.15	15	299	252	150	256
G	ISDK VJ GAMMELGAARD PEREZ PELE	DNK 000304550	50K	100	F	236JE4550	75			73	-456	0.39	59	0.15	15	324	275	169	237
G	JX ALL LYNN'S HARRIS VALI (5)	USA 172966184	45K	100	C	321JE101	74			76	1033	-0.01	48	0.04	47	308	279	220	161
G	SHAN-MAR LEMONHEAD KINGSTON-ET	USA 067460159	50K	100	F	14JE760	74			78	-326	0.30	47	0.14	17	351	307	210	279
G	VERJATIN MOONSHINE-ET	CAN 110974992	45K	100	F	182JE1026	73			73	864	-0.02	37	0.01	33	344	336	316	280
G	JX FOUR J MESSI MELLY (5)	840003142841125	99K	100	F	551JE1739	73			76	157	0.24	58	0.08	23	399	371	308	263
G	SUN VALLEY DISCO BANDIT	USA 173107380	45K	100	F	566JE107	73			77	-59	0.13	24	0.07	13	330	303	247	264
G	JX DUPAT DISCO BENELLI (6)-ET	840003141725638	99K	100	F	7JE1724	72			77	576	-0.10	6	-0.02	17	271	268	265	225
G	GOLDEN DREAM SLUGGER CUBSWIN-PP	USA 173083516	99K	100	F	551JE1741	71			75	-170	0.26	47	0.13	22	344	300	205	250
G	RIVER VALLEY MAC MOVER-ET	USA 075341176	99K	100	F	200JE10033	71			77	-128	0.21	38	0.08	13	351	322	260	263
G	JX AHLEM HARRIS RAZARRI (5)	USA 067823001	99K	100	F	11JE1308	70			81	1617	-0.09	57	-0.01	58	364	347	312	178
G	JX PVF WORLD CUP ZANDER (5)	USA 172565169	99K	100	F	97JE173	70			76	-454	0.20	20	0.12	8	286	248	165	240
G	SUNSET CANYON DENMARK-P-ET	USA 119872521	29K	100	F	100JE7391	69			77	-186	0.18	30	0.07	8	285	259	205	204
G	SUNSET CANYON BALANDO-ET	USA 173227815	45K	100	F	100JE7416	69			77	-360	0.22	28	0.10	7	307	275	207	249
G	ISDK VJ JUULSGAARD KLOV KLIBER	DNK 000304667	50K	100	F	236JE4667	69			69	-528	0.23	22	0.12	5	208	170	90	211
G	JX ISDK WASKIV DANESTAR (4)-ET	DNK 082902380	99K	100	F	200JE7919	68			74	-430	0.32	46	0.16	17	343	294	188	252
G	PINE-TREE DISCO BENJI-ET	USA 067771867	99K	100	F	551JE1755	68			76	-316	0.15	17	0.08	6	281	252	191	243
G	JX PEAK ALTAHEIR (6)-ET	840003138498950	99K	100	F	11JE1346	67			78	963	-0.05	36	0.01	38	280	269	242	232
G	DUTCH HOLLOW OSCAR-P-ET	840003148600877	45K	100	F	566JE108	67			78	-242	0.25	40	0.06	4	327	306	263	285
G	ISDK VJ KROGAARD QUINTANA QUIT	DNK 000304653	50K	100	F	236JE4653	67			69	-1006	0.36	24	0.16	-4	235	191	96	237
G	AHLEM KWYNN CHINOOK 23485	USA 067823485	99K	100	F	551JE1700	66			78	-408	0.15	11	0.10	5	259	226	158	219
G	PINE-TREE SLUGGER BEN-P-ET	USA 067671679	99K	100	F	97JE186	65			76	23	0.24	53	0.09	20	348	318	252	245
G	ISDK VJ ENGBJERG HAZARD HERO	DNK 000304419	50K	100	C	236JE259	65			72	-401	0.30	43	0.11	8	260	224	147	231
G	SUNSET CANYON BERLIN-ET	USA 173345263	99K	100	F	100JE7414	65			78	-771	0.36	37	0.16	5	336	293	195	265
G	ISDK VJ SOLBAKKEN HALEY HIRTS	DNK 000304552	50K	100	F	236JE4552	64			72	-1488	0.48	23	0.24	-8	278	217	84	261
G	SUNSET CANYON BREXIT	USA 173435265	45K	100	F	100JE7418	64			77	-819	0.22	5	0.09	-11	279	254	200	285
G	AHLEM WHISTLER-ET	USA 067823718	99K	100	F	777JE1140	63			77	536	-0.03	19	-0.02	15	287	286	286	250
G	MFV ALTACHIVE-ET	USA 119691058	99K	100	F	11JE1326	62			78	734	-0.08	18	0.03	33	266	252	219	233
G	ISDK VJ RUNDKAERGAARD HALEY HAWK	DNK 000304551	6K	100	F	236JE4551	62			72	-284	0.24	37	0.13	16	267	225	133	195
G	JX TLJ NXLEVEL BUSTER (5)	USA 067300610	29K	100	F	100JE7399	61			76	621	0.00	30	0.02	28	275	263	236	237
G	JX SEXING GFRAPP GOLDEN (4)-P-ET	840003010364640	13K	100	C	551JE1653	61			77	382	-0.03</							

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI April 2020

SCS	PL	LIV	DPR	DPR REL	CCR	HCR	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP RV	RTP SV	JUI
2.94	0.8	-1.2	-1.5	66	-1.9	-1.9	7.1	0	0	77	0.8	0.8	0.4	0.7	L0.1	0.3	P0.3	S0.1	0.6	0.9	0.6	-0.5	S1.4	W0.4	L0.8	W0.1	B0.3	5.6
2.95	4.5	0.3	0.9	66	0.4	1.4	6.9	0	0	77	1.0	1.3	-0.1	2.3	L0.1	0.0	S0.9	S0.1	0.3	0.7	1.9	1.0	S0.5	C0.8	S0.7	C0.7	C0.8	4.1
2.78	2.6	0.9	0.0	64	0.0	0.4	8.8	0	0	76	0.5	0.8	-0.3	0.6	0.0	-0.4	S0.7	L0.3	0.8	0.9	0.5	-0.1	S1.2	W0.7	L0.7	C0.1	B0.3	5.8
2.69	3.3	0.0	-1.8	69	-0.4	2.5	10.3	0	0	79	1.8	1.6	0.3	1.2	0.0	1.0	S0.3	0.0	2.8	1.3	1.1	0.7	S2.6	C1.6	S1.1	C0.6	C0.8	13.7
2.99	2.8	-0.3	0.0	65	0.9	2.4	6.6	0	0	76	0.9	0.8	0.6	0.4	L0.7	0.6	0.0	S0.2	1.7	0.6	0.3	-0.6	S1.3	W0.3	S0.4	W0.1	C0.4	6.2
3.03	5.1	0.1	0.1	68	-0.1	2.2	8.0	0	0	78	1.0	0.2	-0.4	0.1	H1.3	0.2	P1.1	S1.1	2.3	1.5	0.1	-0.2	S2.6	W1.3	L0.6	C0.3	B0.2	12.2
2.83	3.6	-0.3	0.7	67	1.2	3.7	9.4	0	0	78	0.9	0.1	0.1	0.8	H0.6	0.3	P1.0	S1.3	1.3	0.7	0.6	0.2	S0.1	C0.7	S0.1	W0.4	C1.3	2.5
2.86	4.3	2.4	1.2	68	1.7	1.4	8.7	0	0	78	0.7	1.1	0.8	0.1	H1.8	1.5	P1.1	S1.7	2.7	0.0	0.1	0.3	S2.1	C1.2	L0.3	C0.7	0.0	8.3
2.88	1.9	-0.9	2.2	50	3.3	0.5	2.8	0	0	64	-0.6	-0.2	1.0	-0.2	H1.2	0.5	P0.5	S0.9	0.8	-0.7	-0.2	0.0	S0.9	C0.6	S1.1	W1.0	C0.4	0.7
2.80	5.2	1.8	2.7	68	2.6	0.8	9.0	0	0	78	1.3	0.2	0.2	0.7	H1.3	0.4	P0.5	S0.7	4.0	1.2	0.6	0.8	S3.5	C1.4	S0.9	C0.2	C0.8	16.3
2.77	3.1	0.0	3.3	58	3.8	3.8	3.7	0	0	70	0.0	0.9	-0.3	-0.3	L0.3	0.3	P0.3	S0.6	0.8	0.2	-0.2	-0.1	S3.2	C0.2	S0.9	W1.0	C0.3	7.5
2.86	1.5	-0.8	-1.3	68	-0.7	3.4	7.1	0	0	76	0.5	1.3	0.6	0.7	L0.4	-0.1	S0.2	S0.2	-0.1	0.2	0.6	0.6	S0.3	C0.4	L0.6	C0.9	C0.3	0.9
2.93	1.7	-1.2	3.6	54	3.9	1.1	3.7	0	0	68	-0.9	1.5	0.6	-0.4	L0.4	0.6	P0.2	S0.6	-0.3	-0.9	-0.3	-0.5	S1.5	W1.1	0.0	W1.0	C0.6	-2.2
2.89	4.6	0.5	1.8	67	1.5	-0.2	9.2	0	0	78	1.7	0.0	-0.4	0.8	H1.1	0.1	P1.0	S1.2	2.9	3.0	0.7	0.2	S2.4	W0.5	L0.8	C0.9	B0.8	18.6
3.00	1.8	0.0	-1.3	69	-0.7	1.1	10.7	0	0	79	1.9	-0.6	-0.7	1.6	L0.2	-0.6	P0.3	S0.4	2.2	2.8	1.4	0.3	S1.7	C1.3	S0.3	C1.5	B0.6	17.2
2.84	2.9	1.7	0.5	67	0.4	1.9	7.9	0	0	77	0.1	0.3	1.0	-0.1	H1.9	1.2	P0.8	S0.7	1.8	-0.5	-0.1	0.0	S0.6	C0.9	L0.6	C1.0	B0.8	3.6
2.76	4.1	0.6	-1.1	67	-0.9	1.3	6.5	0	0	78	0.9	0.7	1.3	0.1	H1.4	1.2	P1.9	S1.6	2.5	0.6	0.1	0.6	S1.3	C1.2	L0.8	C1.4	0.0	8.4
2.87	3.0	-1.3	-0.9	66	-0.8	0.8	8.4	0	0	76	0.9	-0.2	0.3	0.2	H1.8	0.5	P2.2	S1.7	3.7	2.1	0.2	-0.6	S2.9	W1.4	L1.6	W1.1	B0.9	15.7
2.87	3.8	1.1	-1.6	64	-1.8	-1.3	5.8	0	0	75	0.8	0.3	0.2	0.2	H1.2	0.7	P0.9	S0.8	2.0	0.9	0.2	-0.2	S2.4	0.0	L1.3	W0.4	B0.2	8.9
2.91	4.3	0.8	0.7	62	0.9	0.6	6.8	0	0	75	0.8	1.1	0.9	-0.1	H0.5	0.5	P0.9	S1.2	2.5	0.9	-0.1	0.3	S3.0	W0.5	L0.3	C0.6	B0.6	12.7
2.79	2.0	-0.5	2.8	55	2.6	2.0	3.3	0	0	69	-0.6	-1.1	-0.5	-0.5	L1.2	-0.4	0.0	L0.1	-1.1	-1.0	-0.4	-1.1	D0.4	W1.4	S0.9	W0.6	C0.5	-6.3
2.73	1.5	-3.0	-4.1	69	-2.9	2.3	7.9	0	0	77	0.9	0.2	0.8	0.7	L0.3	-0.1	P0.3	S0.4	0.9	0.6	0.6	0.5	0.0	C0.7	L0.3	C0.1	C0.5	2.6
3.06	1.9	-0.4	-1.1	68	-0.3	0.3	8.9	0	0	79	0.4	0.5	1.0	0.8	L0.2	0.7	S0.3	0.0	0.1	1.0	0.7	0.7	D0.7	W0.8	S0.4	W1.1	C0.1	1.6
2.81	0.8	-1.3	-1.3	68	-1.8	0.5	6.5	0	0	76	0.3	1.1	1.3	0.2	L0.1	0.7	P0.6	S0.6	1.2	-0.2	0.1	0.5	D0.1	C0.6	L1.2	C1.0	C0.6	-0.1
3.00	3.6	0.0	-2.9	66	-3.0	-0.9	6.8	0	0	76	1.2	-0.4	-0.6	1.1	H1.0	-0.2	P0.7	S0.3	2.0	1.9	1.0	-0.3	S2.3	W0.5	L1.7	W0.4	B0.2	11.3
2.91	2.2	-0.4	-1.6	62	-1.9	-0.6	7.7	0	0	74	0.6	0.9	0.1	0.7	H1.2	0.7	P0.1	S0.5	2.8	1.5	0.6	-0.8	S2.2	C0.1	L0.2	W0.4	C0.6	11.2
2.85	1.4	-2.0	2.2	67	2.9	0.9	8.5	0	0	78	1.3	1.3	-0.5	1.3	H0.6	0.9	P0.7	S0.9	2.2	1.7	1.1	0.5	S1.8	C0.3	L0.2	C0.8	C0.3	11.8
2.94	4.5	0.7	0.6	71	0.7	3.9	10.3	0	0	79	1.2	3.1	1.0	1.4	L0.9	1.1	0.0	S1.0	1.3	0.4	1.2	0.3	S1.6	C1.4	S1.0	C0.7	C0.4	7.4
2.88	2.9	-1.1	-0.7	66	-0.1	1.8	7.5	0	0	77	0.9	0.7	0.2	0.5	H0.9	0.4	P0.7	S0.7	2.5	1.3	0.4	0.3	S2.4	C0.1	L0.9	W0.1	0.0	11.3
2.88	2.9	0.8	0.0	69	0.8	1.8	9.5	0	0	79	1.1	1.5	0.5	0.7	H0.2	0.7	P1.1	S1.7	2.2	0.9	0.6	0.2	S2.0	C1.0	L0.1	C0.6	B0.7	11.2
2.90	1.1	-2.2	0.7	58	3.0	2.0	4.0	0	0	71	-0.9	-1.4	-0.5	-0.8	H1.9	-0.2	P0.6	S0.3	-0.5	-1.0	-0.7	-0.7	S0.1	W1.3	S0.5	W1.0	C0.3	-4.7
2.66	2.6	0.8	4.2	51	4.5	3.3	3.8	0	0	67	-1.4	-0.1	-0.5	-1.1	L0.1	-0.6	S0.5	S0.1	-0.9	-1.4	-1.0	-0.7	S1.0	W0.5	S0.7	W0.6	C0.1	-4.0
2.75	2.5	-0.9	-1.2	67	-0.6	1.7	8.3	0	0	78	1.0	0.9	0.4	1.1	H0.7	0.9	P0.8	0.0	1.4	1.1	1.0	0.3	S0.7	W0.3	L0.3	C0.1	B0.1	6.7
2.81	3.7	-1.0	1.3	64	1.6	2.7	7.0	0	0	77	0.0	0.5	0.4	-0.3	L0.7	0.4	S0.3	0.0	0.5	0.3	-0.2	-0.2	S0.3	W0.1	L0.3	W0.3	0.0	1.6
2.74	3.0	0.6	-1.1	67	-0.6	0.9	7.3	0	0	77	0.8	0.7	1.0	0.9	H0.7	0.6	P0.1	S0.7	1.4	0.0	0.8	1.2	S1.2	C1.3	S0.2	C1.2	C0.8	4.8
2.99	1.6	0.2	1.8	69	3.0	3.0	9.4	0	0	78	0.2	1.1	0.6	-0.1	L1.2	0.1	S0.8	L0.1	0.0	0.0	0.0	-0.6	D0.2	W0.2	L0.8	W0.9	C0.9	-3.1
3.08	1.5	-0.3	-1.3	69	-0.8	0.0	8.9	0	0	79	0.5	-1.8	-0.3	1.0	L0.1	-1.0	S0.2	L0.5	-0.2	1.2	0.9	0.6	D1.1	C0.2	S0.6	W1.1	C0.1	1.5
2.89	3.4	2.3	1.7	66	2.1	1.4	7.2	0	0	75	0.4	0.5	0.6	-0.5	H0.4	0.4	P0.3	S0.4	1.5	-0.4	-0.5	-0.1	S1.7	C1.0	0.0	C0.1	0.0	4.3
3.03	2.0	-1.0	-1.6	65	-0.1	2.1	6.5	0	0	76	0.6	1.3	1.1	0.2	L0.1	0.8	S0.5	S0.7	1.4	0.0	0.1	0.2	S1.1	C0.4	S0.1	0.0	C0.5	3.6
2.96	2.7	0.9	-1.5	70	-1.4	1.9	9.3	0	0	79	1.4	2.2	1.7	0.9	H0.6	1.9	P1.5	S1.5	2.8	1.3	0.7	0.3	S1.6	C1.9	L0.5	C0.7	C0.7	10.5
2.90	0.8	0.0	1.4	68	1.2	2.2	8.3	0	0	77	-0.4	0.3	0.3	-0.7	H0.1	0.3	S0.7	L0.4	0.5	-0.8	-0.6	-0.5	D0.2	W0.2	L0.2	W0.3	C1.0	-4.1
2.86	1.3	-1.4	0.0	59	-0.1	-0.5	3.7	0	0	70	-0.8	0.1	-0.2	-0.1	L0.3	-0.1	S0.9	L0.7	-1.4	-1.0	-0.1	-0.4	D0.2	W1.2	S0.2	W1.1	C0.5	-7.0
2.89	-0.6	-4.4	-4.5	67	-4.4	-0.4	8.3	0	0	77	0.7	-0.6	-0.1	0.8	H0.6	-0.5	P0.7	L0.1	1.6	1.3	0.7	0.0	S1.1	0.0	L0.1	W0.5	B0.4	8.6
2.93	1.3	-0.2	0.2	69	0.0	-0.1	9.0	0	0	79	0.9	0.8	0.1	0.3	H0.2	0.6	P0.2	S0.9	1.3	0.3	0.2	0.8	S0.8	C1.5	L0.9	C0.9	C0.8	3.4
3.17	2.1	-1.2	-1.2	63	-1.1	2.1	8.6	0	0	75	1.3	2.3	0.7	1.9	0.0	0.7	P0.6	S1.2	1.6	2.0	1.6	0.3	S1.4	C1.1	L0.2	C0.1	C0.1	11.2
3.07	1.6	0.7	-2.6	67	-3.2	-1.3	8.6	0	0	77	1.4	0.9	0.2	0.6	H0.6	0.2	P0.4	S0.7	2.4	1.7	0.5	-0.4	S2.5	C0.4	L0.8	W0.8	B0.1	12.2
2.87	4.2	0.6	0.2	68	-0.1	1.7	9.4	0	0	78	0.9	-0.1	0.9	1.0	H1.5	1.0	P0.6	S1.5	2.9	0.3	0.8	0.9	S1.4	C1.8	S0.5	C1.2	C0.6	8.8
2.87	4.5	2.3	-0.1	68	0.5	2.5	8.7	0	0	78	1.1	-0.5	-0.1	0.9	H1.4	-0.1	P0.6	S0.8	2.3	0.5	0.8	0.4	S1.3	C2.2	S0.6	W0.1	C1.0	7.1
3.00	1.0	-0.6	-0.9	66	-0.9	-0.2	7.9	0	0	78	1.0	1.8	-0.1	1.7	L0.1	0.2	S0.6	0.0	-0.1	1.0	1.4	0.8	S0.7	C0.8	L0.3	C1.2	B0.2	5.4
2.92	1.9	0.3	-1.3	68	-0.8	-0.9	8.6	0	0	78	1.7	1.5	-0.1	1.7	H1.3	1.2	S0.1	S1.1	3.4	2.0	1.5	0.7	S3.7	C1.0	S0.8	0.0	C0.4	18.6
2.95	1.1	-3.7	-5.3	70	-5.1	-3.8	8.9	1	1	79	0.9	1.8	0.9	1.4	H0.3	0.6	S0.3	S0.4	0.5	1.1	1.2	0.2	0.0	C0.6	L0.3	W0.1	B0.2	4.4
2.81	3.0	0.5	1.0	67	0.9	2.1	7.6	0	0	77	0.6	-0.2	0.4	-0.2	H1.9	0.7	P1.0	S1.0</										

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI April 2020

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	JPI	No. Hrds	No. Daus	REL %	% Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$
G	AUDIBEL JARVIS-ET	CAN 110768703	99K	100	F	551JE1721	53			76	159	0.12	33	0.07	20	266	242	187	203
G	GOLDEN DREAM AMERICAN PHAROAH-P	USA 172553124	45K	100	F	566JE106	53			75	35	-0.07	-14	0.02	6	163	154	135	209
G	SOUTH MOUNTAIN CANDYMAN-ET	840003141003008	99K	100	F	250JE1793	48			77	192	-0.03	2	0.01	9	185	175	158	146
G	PINE-TREE KWYNN CUATRO-ET	USA 067731388	29K	100	F	566JE104	48			77	-428	0.14	9	0.09	3	196	168	108	164
G	AUDIBEL DISCO JOLIN-ET	CAN 110644858	99K	100	F	250JE1778	47			77	-308	0.02	-11	0.02	-8	192	188	180	217
G	JX FARIA BROTHERS CAVANI (4)-ET	840003140306014	99K	100	C	551JE1714	46			77	-22	0.16	34	0.07	14	257	233	180	164
G	JX SEXING WALTER CRANSTON 60790 (5)	840003010364537	50K	100	F	551JE1642	40			77	104	0.17	41	0.08	21	235	204	138	124
G	VERJATIN OCTOBERFEST	CAN 110768710	45K	100	F	182JE1013	40			76	13	-0.01	-2	0.01	3	162	155	143	134
G	TATE BENEFACOR SAVIOR-ET	840003006436157	29K	100	F	147JE6227	38			76	1014	-0.13	20	-0.05	26	172	175	185	144
G	SEXING LEMONHEAD DOYLE-ET	840003132348057	99K	100	F	551JE1698	35			76	35	-0.05	-8	0.00	1	147	145	142	141
G	SUGAR HILL PREMIER MASTER	CAN 012577982	50K	100	C	54JE670	32			76	-557	0.16	7	0.08	-3	180	159	112	195
G	ISGB GRAHAMS GOLD-P-ET	GBR 178302905	63K	100	F	522JE1726	28			76	-405	0.16	14	0.05	-4	89	74	41	98
G	DUTCH HOLLOW SANTANA CASE-PP-ET	840003131737417	29K	100	F	54JE636	24			77	562	-0.08	10	0.00	21	121	115	101	29
G	DUPAT CHARLEMAGNE 521-ET	840003127607540	29K	100	F	44JE532	24			77	944	-0.15	13	-0.08	16	97	117	160	58
G	BW VALENCIA-ET	840003126536268	13K	100	F	551JE1657	22			77	55	0.04	12	0.00	3	134	134	132	67
G	JX DUPAT PLUS 473 (4)	USA 067163473	13K	100	C	44JE527	19			76	783	-0.12	12	-0.03	22	51	54	60	65
G	DEU RC SOL-PP	DEU 539873046	6K	100	F	624JE8001	19			73	79	0.04	12	0.06	15	98	76	29	58
G	ROSE CALLENBERG CRYSTAL-P-ET	DEU 539873090	6K	100	F	202JE607	18			74	151	-0.02	4	-0.01	4	81	80	78	72
G	ST-LO PRESTO-ET	CAN 110150638	99K	100	F	97JE187	16			77	-780	0.11	-15	0.01	-27	116	116	120	134
G	VERJATIN DAYLIGHT	CAN 110356901	99K	100	F	551JE1718	15			73	-86	0.09	14	0.04	5	118	105	78	51
G	OOMSDALE ANIECE NIKON ADAM-P-ET	USA 067235833	99K	100	F	91JE5694	11			80	-15	0.11	22	0.02	3	155	150	138	74
G	SPRUCE-H CHRIS-PP-ET	USA 067106207	8K	100	C	202JE602	11			77	-379	0.16	15	0.02	-9	81	78	71	26
G	ISAU LEMANS	AUS A00724347	13K	100	F	187JE5369	8			76	-348	0.12	9	0.00	-13	63	66	73	66
G	DUPAT BRIER 476-ET	USA 067163476	13K	100	C	44JE529	6			77	1031	-0.18	9	-0.03	30	3	4	7	-31
G	DUPAT BRIER 474-ET	USA 067163474	13K	100	C	44JE528	-4			77	963	-0.15	13	-0.04	27	-32	-29	-21	-58
G	LAMARIA WILBERT-ET	CAN 109960092	99K	100	F	551JE1693	-4			76	14	0.01	3	-0.03	-5	69	76	93	49
G	MR MILKSOURCE DAZZLER MATADOR-ET	840003130262082	14K	100	F	551JE1790	-6			76	-828	0.02	-35	0.03	-25	-40	-42	-45	18
G	GOLDEN DOMINATE-ET	CAN 012344082	99K	100	F	94JE4062	-8			80	-346	0.05	-7	0.03	-7	-2	-8	-21	-21
G	SEXING KWYNN FURIOUS-ET	840003132351476	99K	100	F	551JE1716	-16			77	-823	0.08	-24	0.03	-25	-49	-52	-58	-22
G	BW ARMISTICE-ET	USA 117795635	50K	100	C	44JE521	-17			79	-549	0.09	-8	0.03	-14	-64	-66	-72	-28
G	ST-LO BARCELONA POLLEN	CAN 110150613	99K	100	C	551JE1720	-19			75	-270	0.05	-3	0.03	-4	-3	-9	-24	-38
G	BW ATLAS-ET	USA 117799901	50K	100	F	44JE520	-23			79	170	0.01	10	-0.04	-2	-81	-69	-44	-113
G	LOST-BROOKE HG LONESTAR	840003146779779	99K	100	F	94JE4161	-25			77	-1227	0.20	-19	0.04	-37	-47	-47	-46	-2
G	HOMETOWN MERCHANT ANDRETTI-ET	CAN 011295001	50K	100	C	91JE5453	-33			79	135	0.04	16	0.02	9	-81	-87	-103	-115
G	AUDIBEL NOTEBOOK-ET	CAN 110059221	99K	100	F	551JE1694	-35			74	-531	-0.02	-30	0.03	-14	-89	-87	-88	-43
G	MM VICTORIOUS FRANK-ET	840003201335580	9K	100	F	551JE1775	-69			74	-1412	0.18	-33	0.09	-34	-178	-191	-221	-194
G	KCJF HIRED MAGICIAN	840003138865447	99K	100	F	7JE1705	-77			77	-2152	0.26	-54	0.09	-62	-278	-280	-286	-145
G	SUNSET CANYON ACHILLES-ET	USA 173125047	45K	100	C	100JE7405	-85			77	-1382	0.15	-38	0.09	-33	-230	-243	-272	-215
G	TRIPLE-T-CF MR SWAGGER-ET	840003128791561	99K	100	F	7JE1605	-98			77	-2351	0.34	-49	0.16	-55	-276	-295	-343	-233
G	KIMBALL-WAY VENETIAN	840003145690547	99K	100	F	94JE4114	-119			76	-1818	0.18	-53	0.05	-56	-358	-351	-339	-261
G	MR KATHIES KID ROCK	840003128791587	63K	100	F	551JE1772	-146			76	-1738	0.06	-73	0.00	-63	-485	-463	-419	-370

Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI April 2020

SCS	PL	LIV	DPR	DPR				Type Hrs	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP RV	RTP SV	JUI
				REL	CCR	HCR	EFI																					
2.99	1.2	0.1	-0.3	67	-1.0	-0.6	8.3	0	0	77	0.8	0.4	1.1	1.4	H0.6	0.8	S0.5	S0.6	-0.4	1.2	1.2	0.8	D1.4	W0.5	L0.5	W0.5	B0.1	0.2
2.94	3.6	3.1	3.5	68	3.9	2.7	8.8	0	0	78	0.6	0.1	0.5	-0.3	H0.7	0.7	P0.8	S0.3	1.6	1.0	-0.3	0.0	S1.5	C0.1	L0.3	W0.2	B0.1	7.8
2.79	3.2	-0.7	-0.2	68	-0.6	0.2	9.0	0	0	78	1.7	1.1	0.1	1.2	H0.1	0.3	P0.6	S0.4	2.4	1.8	1.0	1.2	S3.0	C2.4	S0.9	C1.9	B0.8	18.5
2.87	2.3	0.5	0.7	68	0.9	1.1	8.6	0	0	78	1.3	0.9	0.5	0.2	H0.5	1.0	0.0	S0.6	3.1	1.1	0.2	0.9	S2.9	C1.7	S1.5	W0.1	C0.3	14.8
2.89	4.9	3.4	2.7	69	2.4	2.3	8.7	0	0	77	1.4	0.7	0.1	1.2	H1.2	0.4	P1.0	S1.2	2.2	1.1	1.0	0.5	S1.6	C0.3	L0.8	C0.5	C0.5	8.7
2.98	1.2	0.7	-1.8	67	-1.8	0.8	8.5	0	0	77	0.9	1.1	0.3	1.1	L0.5	0.5	P0.8	S0.6	0.7	0.8	0.9	0.6	S0.5	W0.3	L0.1	W0.6	C0.5	3.5
2.90	-0.5	-3.2	-2.8	70	-3.9	-3.0	8.8	0	0	78	1.1	0.3	-0.1	0.8	H0.8	0.2	P1.1	S0.4	2.2	1.6	0.7	-0.3	S1.0	C0.3	L0.7	C0.5	C0.3	9.1
2.89	3.2	1.5	0.2	68	-0.2	1.2	9.2	0	0	77	1.1	0.4	-0.1	1.1	L0.4	-0.3	S0.2	S1.1	1.4	0.7	0.9	1.3	S1.4	C1.6	S0.6	C0.7	C0.5	7.9
2.83	0.5	-1.4	-0.7	68	0.2	-1.0	8.3	0	0	78	0.7	2.2	1.0	1.4	H1.1	1.4	S0.7	S0.7	0.0	0.7	1.2	-0.2	D0.3	W0.5	L1.9	W0.6	B0.6	0.3
2.90	3.4	0.8	0.7	69	0.6	0.6	10.2	0	0	78	1.6	0.6	-0.5	0.8	H0.5	0.4	P0.9	S1.1	2.8	1.6	0.7	1.1	S2.7	C1.2	L0.4	C0.3	C0.5	13.7
3.04	2.0	0.4	2.2	68	1.0	1.8	8.7	0	0	77	1.2	1.9	0.8	0.8	H1.2	1.5	P1.3	S1.8	2.7	0.2	0.7	0.4	S3.3	C0.6	S0.2	C0.3	C0.3	10.9
2.88	0.7	1.9	1.7	68	1.8	2.3	9.0	0	0	78	-0.5	0.2	0.2	-1.0	L1.3	-0.4	S0.4	L0.4	-0.9	-1.2	-0.8	-0.9	D0.3	W1.0	L0.6	W0.9	C0.9	-8.4
3.02	1.0	-0.2	-2.8	68	-3.4	0.0	9.1	0	0	78	0.7	0.6	0.4	0.2	H0.1	-0.7	P0.3	L0.4	0.9	1.3	0.2	0.3	S1.3	W0.6	L1.8	W0.7	B0.4	6.1
3.00	1.8	-1.3	-1.5	68	-2.2	-0.5	9.5	0	0	78	0.2	0.7	-0.8	0.5	L1.2	0.1	S0.2	L0.3	0.4	-0.3	0.4	-0.5	S1.8	C0.9	S0.5	W0.1	C0.1	3.4
3.08	2.1	-0.8	-2.1	68	-3.0	-0.9	8.9	0	0	78	1.6	-0.8	-0.6	1.2	H1.4	-0.2	P0.9	L0.2	2.9	1.9	1.0	-0.4	S3.3	C1.3	S1.6	C0.3	C0.5	17.2
3.03	-0.7	-5.3	0.1	65	-0.4	-2.5	5.8	0	0	76	0.1	-0.1	-0.6	0.5	H0.8	0.1	P0.3	0.0	-0.6	1.1	0.4	-0.1	D0.9	C0.2	L1.1	C0.3	B0.4	0.6
2.92	-0.3	-1.6	-0.9	61	0.5	1.1	6.0	0	0	72	0.1	2.5	0.6	0.1	H0.9	1.3	S0.1	0.0	1.0	-0.1	0.1	-0.9	S2.0	W1.4	S0.2	C0.1	C0.4	3.9
2.89	1.6	-1.3	-0.2	65	1.3	1.4	7.2	0	0	74	0.9	2.0	0.8	0.4	H0.6	1.1	P0.2	S0.5	1.8	0.3	0.3	0.7	S2.3	C0.6	S0.1	C0.8	B0.8	9.8
2.73	4.3	2.7	1.7	67	2.0	-0.6	8.7	0	0	77	1.6	2.8	-0.6	0.6	H1.8	1.4	P1.2	S2.0	4.5	1.6	0.5	1.0	S5.8	C1.1	L0.9	C1.0	C0.2	22.1
2.98	1.0	-0.5	-1.8	64	-1.6	-0.1	8.3	0	0	76	0.9	1.3	0.6	0.3	H0.5	0.5	P0.1	S0.4	1.8	1.5	0.2	0.0	S2.2	W0.5	S0.1	W0.2	B0.3	11.5
3.02	1.3	0.4	-2.2	69	-2.9	-1.4	9.4	2	4	80	1.2	1.6	0.5	1.3	H0.6	1.4	P0.8	S0.9	1.3	0.8	1.1	0.8	S2.4	C0.9	S1.0	C0.7	B0.1	10.8
3.04	1.3	0.8	-1.9	69	-0.8	0.7	9.7	0	0	78	0.4	-1.1	-0.5	1.5	H1.3	0.0	S0.6	L0.7	0.3	0.9	1.3	1.1	S0.2	C0.5	S0.5	C1.3	B0.5	6.0
2.94	2.1	1.2	0.9	68	1.1	-0.2	8.8	0	0	77	0.2	1.4	0.1	-0.6	L1.1	0.1	P0.2	S0.1	1.4	0.3	-0.5	-0.7	S1.4	W0.5	L0.5	C0.1	C0.8	3.6
2.99	-0.7	-3.4	-1.1	68	-2.0	-2.1	9.4	0	0	78	-0.6	1.0	0.8	0.1	0.0	0.5	S0.5	L1.1	-1.1	-0.6	0.0	-0.4	D2.5	C0.7	L0.5	W0.2	C0.1	-8.7
3.04	-1.9	-2.9	-1.1	68	-1.8	-2.7	9.1	0	0	78	-0.7	1.0	0.7	-0.1	L1.0	0.1	S1.1	L1.7	-2.5	-0.4	-0.1	-0.1	D3.1	W0.5	L1.0	W0.2	C0.1	-11.9
2.93	1.0	0.4	-0.6	66	-1.8	-1.4	9.5	0	0	77	1.1	2.9	0.4	1.0	H0.3	1.2	P0.9	S1.4	2.4	1.3	0.8	0.1	S2.6	C0.2	L0.5	W0.6	C0.3	11.2
2.88	3.5	1.4	2.7	67	3.4	0.4	8.7	0	0	77	0.8	0.0	-0.6	-0.1	H0.6	-0.4	P0.9	S1.0	1.3	0.7	-0.1	0.5	S1.6	C0.5	S0.2	C0.1	C0.8	6.3
2.97	0.8	-1.2	-1.0	68	0.3	-0.2	8.7	1	2	79	1.0	-0.6	0.4	0.6	H1.0	0.1	P0.3	S0.8	2.0	0.9	0.5	0.6	S1.2	C1.9	L0.1	C0.5	B0.1	8.9
2.80	1.2	1.5	1.1	69	0.5	1.5	9.0	0	0	79	1.1	1.0	0.4	0.1	H0.9	1.6	P0.7	S0.9	3.8	0.7	0.1	0.4	S3.8	C1.4	S1.8	C0.1	C0.8	15.7
3.10	-0.5	-0.4	0.9	72	1.2	-0.9	8.3	0	0	80	0.4	-0.5	-0.7	0.4	L0.1	-0.6	S0.2	0.0	0.6	0.7	0.4	0.0	S0.4	C0.3	S0.6	C0.5	C0.5	3.9
3.01	0.8	-1.3	-1.5	64	-0.9	1.5	8.2	0	0	75	0.9	2.0	0.8	0.6	L0.3	0.8	P0.5	S1.0	0.8	0.8	0.5	0.5	S1.1	0.0	L0.2	C0.5	C0.2	5.6
3.02	-1.8	-1.9	-2.5	72	-2.4	-1.2	8.3	0	0	80	-0.1	-0.2	-0.3	1.1	L0.6	-0.7	S1.2	L1.3	-0.6	0.5	1.0	-0.9	D1.1	W0.5	S0.9	W0.4	C0.3	-1.5
2.99	2.4	1.2	1.8	69	1.7	1.4	8.4	0	0	78	1.4	2.2	0.4	0.8	H1.2	1.2	P0.2	S0.7	3.5	1.6	0.7	-0.1	S3.9	C1.4	S0.3	C0.3	C0.1	17.8
3.07	-4.2	-3.4	-2.3	71	-3.1	-2.6	8.3	0	0	79	-0.3	1.4	0.1	0.9	L0.8	-0.3	P0.8	L0.5	-2.0	0.0	0.7	-0.6	D1.9	W1.5	L0.3	C0.1	C0.7	-8.1
3.20	1.1	1.9	1.8	64	1.2	0.3	8.5	0	0	75	0.8	0.9	1.0	0.7	H0.6	1.0	P0.8	S0.9	0.9	0.4	0.6	0.6	S0.4	C1.9	S0.9	C0.5	B0.1	5.2
2.99	0.5	-1.8	-1.6	65	-1.2	0.4	6.5	0	0	75	1.2	1.3	-0.2	0.5	H0.7	0.4	P1.1	S1.5	2.8	1.8	0.4	0.1	S3.9	C0.5	S0.2	C0.7	B0.5	18.1
3.10	1.4	-0.2	3.7	66	5.5	1.0	5.8	0	0	78	0.9	0.4	-0.6	0.0	H1.9	0.5	P1.6	S1.4	3.0	0.7	0.0	-0.4	S3.4	C0.8	S0.2	C0.3	B0.1	13.3
3.04	-1.1	-2.1	-0.7	67	-1.1	-0.2	7.1	0	0	78	1.0	2.3	0.3	0.7	H2.0	1.3	P1.3	S1.7	3.2	1.6	0.6	0.2	S3.1	C0.8	L1.0	0.0	B0.7	15.6
3.22	0.0	2.3	1.2	67	1.2	-0.4	6.5	0	0	78	0.8	2.2	-0.1	0.3	H0.5	0.3	P0.1	S1.0	2.4	1.0	0.2	0.6	S3.8	0.0	L0.4	C0.4	B1.1	15.1
3.22	-0.3	-1.9	1.3	66	2.1	0.2	5.7	0	0	77	1.1	2.5	-0.2	0.6	H2.4	1.2	P1.6	S1.4	3.5	1.5	0.5	-0.3	S3.8	C0.7	L1.5	0.0	B0.4	15.9
3.19	-0.4	-0.8	1.4	64	1.4	-0.1	4.7	0	0	78	1.2	0.9	1.0	0.3	H2.3	1.9	P1.4	S1.1	3.5	1.2	0.2	0.5	S2.8	C1.9	L0.3	C0.6	B0.1	14.7