

# Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI August 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 JER BEL MALDINI ARCHIE (5)-ET	USA 173491704	99K	100	F	507JE1769	152			76	897	0.06	57	0.05	44	598	565	498	505
G	TOG ISNER 37373-P-ET	840003203346681	14K	100	F	36JE88	149			74	711	0.00	34	0.02	30	514	494	455	481
G	JER-Z-BOYZ JADYN-ET	USA 173762822	58K	100	C	614JE1885	146			73	848	0.10	63	0.07	46	599	567	496	503
G	VICTORY S-S-I MIAMI HOLEINONE-ET	840003151455737	58K	100	F	507JE1820	146			74	693	0.09	54	0.06	38	586	557	494	483
G	JX DODAN LH TROOPER (4)	840003203116924	99K	100	F	29JE4204	145			76	740	0.07	52	0.05	38	560	532	473	474
G	TOG FEDERER 37562-P-ET	840003203346870	14K	100	F	36JE89	145			73	242	0.18	51	0.10	30	548	507	421	458
G	JX SEXING GALLANTRY (4)-ET	840003203845448	63K	100	F	551JE1762	142			72	1024	0.10	72	0.04	47	600	574	518	478
G	KASH-IN SUGAR DADDY-ET	840003149286929	63K	100	F	551JE1798	141			74	595	0.17	65	0.09	42	592	549	458	468
G	TOG BRONZE 36673-ET	840003149715762	14K	100	F	97JE200	140			77	845	0.03	47	-0.02	26	483	478	470	452
G	VIERRA TENPENNY-ET	840003200644093	99K	100	F	200JE1222	139			74	1572	-0.08	57	-0.02	52	491	480	460	395
G	JX FARIA BROTHERS LEONARD (5)-ET	840003207770566	99K	100	F	29JE4222	137			73	905	0.14	74	0.08	52	610	568	477	458
G	JX CAL-MART NORM HENRY (4)-ET	USA 067374682	99K	100	F	29JE4199	136			74	766	0.10	59	0.05	40	535	506	445	458
G	CAL-MART COMPLETELY WORTHY (6)-ET	USA 067374690	99K	100	C	29JE4217	136			73	544	0.16	62	0.08	37	533	497	421	456
G	JX CDF JLS PILGRIM THRASHER (6)-ET	840003006436075	99K	100	F	507JE1758	134			76	853	0.00	41	0.03	37	481	461	419	454
G	JX SEXING GM RHUSS (6)-ET	840003146625424	63K	100	F	551JE1811	134			77	878	0.05	53	0.00	33	527	510	477	443
G	JX KASH-IN GOT JIGGY (6)-ET	840003138463636	99K	100	F	551JE1717	132			78	949	0.04	55	0.03	41	525	499	446	419
G	JX RIVER VALLEY CHIEF (6)-ET	USA 075341195	99K	100	F	777JE10034	132			77	973	0.06	60	0.00	35	489	477	453	427
G	JX ABS TLD DAWSON (5)-ET	840003146074410	99K	100	F	29JE4219	132			73	293	0.22	61	0.08	29	565	530	455	479
G	S-S-I VICTORY DASHIELL RENFROW-ET	840003203866923	58K	100	F	507JE1800	131			73	354	0.19	58	0.11	36	528	485	391	451
G	AVI-LANCHE KIAWA DIMITRI-P-ET	840003148506979	58K	100	C	507JE1814	131			73	393	0.18	57	0.09	35	524	482	394	402
G	JX FOREST GLEN GOT MAID DANIEL (6)-ET	USA 067650254	99K	100	F	14JE1683	130			77	1392	-0.12	41	0.00	51	484	464	424	365
G	TOG IRON 36896-ET	840003149715985	99K	100	F	11JE7224	128			77	924	-0.07	29	0.01	35	443	430	402	412
G	JX FARIA BROTHERS ALTALT (4)-ET	840003207771476	99K	100	F	11JE7132	128			72	401	0.16	54	0.08	31	498	464	391	403
G	JX FOREST GLEN SUCCESSION (6)-ET	USA 067650295	99K	100	F	7JE1716	127			77	1359	-0.07	50	0.01	53	498	474	425	382
G	JX CAL-MART VERIZON (4)-ET	USA 067374660	99K	100	F	29JE4176	126			76	608	0.04	38	0.06	35	469	441	382	424
G	JX FARIA BROTHERS FULLER (5)-ET	840003200650032	99K	100	F	1JE7049	126			73	414	0.09	40	0.09	34	488	449	367	387
G	JX FARIA BROTHERS ALTAGOULD (4)-ET	840003200650241	99K	100	F	11JE7080	126			74	8	0.28	59	0.13	28	504	455	351	382
G	JX CAL-MART WESTPORT (5)-ET	USA 067374603	99K	100	F	29JE4117	125			77	25	0.25	54	0.13	28	508	460	358	407
G	JX VIERRA SINATRA (4)-ET	840003200644168	99K	100	F	200JE1220	124			72	1062	-0.06	37	0.00	38	506	490	461	440
G	JX DUPAT JLS STRMCLD DORSAI (5)-ET	840003141725606	45K	100	F	147JE6229	123			77	1331	-0.07	48	-0.03	43	455	449	438	401
G	JX AVI-LANCHE VICEROY DASHIELL (6)-ET	840003131412772	99K	100	C	7JE1722	123			77	782	0.06	51	0.06	41	521	492	430	443
G	TOG LISTOWEL IROQUOIS-P-ET	840003143160018	99K	100	F	14JE1675	123			78	754	0.03	43	0.05	38	477	445	381	347
G	JX FARIA BROTHERS ALTATACKO (4)-ET	840003206190746	99K	100	F	11JE7113	123			73	50	0.25	55	0.15	33	521	469	355	411
G	JX FARIA BROTHERS BUTKUS (4)-ET	840003144724624	99K	100	F	14JE1712	123			77	377	0.23	69	0.07	29	481	451	387	399
G	VICTORY S-S-I MIAMI FRINGE-ET	840003151456032	58K	100	F	7JE1822	123			74	472	0.07	38	0.05	28	498	473	421	435
G	JX FARIA BROTHERS DELPIT (5)-ET	840003206191446	99K	100	F	29JE4221	122			74	688	0.15	66	0.09	44	540	502	419	418
G	JX AHLEM AMP HEIST (6)-ET	840003202630924	99K	100	F	7JE1788	122			74	675	0.02	38	0.06	38	424	392	325	345
G	TOG LISTOWEL PUMICE-P-ET	840003143160078	99K	100	F	7JE1653	122			78	1250	-0.10	39	-0.04	37	428	423	416	356
G	FOREST GLEN BANCROFT TATE	USA 067650143	99K	100	F	29JE4087	122			81	900	0.00	44	0.00	32	411	402	383	401
G	PEAK ALTASOVOUGE-ET	NLD 682613389	99K	100	C	11JE7138	121			73	1242	0.04	70	0.04	54	496	470	413	384
G	JX FOREST GLEN AMSTERDAM (6)-ET	USA 067650245	99K	100	F	7JE1684	121			77	1314	-0.12	36	0.01	50	448	428	388	366
G	JX RDO CASTLEROCK (4)-ET	840003133376161	99K	100	F	29JE4203	121			71	606	0.12	56	0.09	43	461	422	336	374
G	JX CAL-MART WILDER (5)-ET	USA 067424704	99K	100	F	29JE4228	121			73	240	0.22	58	0.14	40	538	484	367	395
G	JX VIERRA CLAPTON (4)-ET	840003200644122	99K	100	F	200JE1228	121			73	710	0.11	59	0.05	36	485	459	404	379
G	JX FARIA BROTHERS ALTASABAN (4)-ET	840003200649644	99K	100	F	11JE7047	121			73	903	0.05	55	-0.01	30	476	466	447	382
G	JX PRIMUS ENZO CHATHAM (4)-ET	840003200210433	99K	100	F	7JE1789	121			73	907	-0.01	42	-0.03	27	441	437	432	401
G	JX FOREST GLEN GOT MAID TORNADO (6)-ET	USA 067650271	99K	100	F	7JE1685	120			78	1256	-0.06	47	0.00	45	458	443	413	353
G	JX FARIA BROTHERS URLACHER (6)-ET	840003144724492	99K	100	F	7JE1399	120			77	451	0.12	49	0.12	42	517	465	357	377
G	PINE-TREE CHROME NAVIDAD (6)-ET	USA 067771942	99K	100	F	507JE1792	120			77	852	0.05	53	0.04	40	465	439	384	376
G	RIVER VALLEY MAC MERIT-P-ET	USA 075341167	99K	100	F	777JE10030	120			77	632	0.13	58	0.06	37	449	418	352	353
G	JX FARIA BROTHERS WOJ (4)-ET	840003200649660	99K	100	F	1JE7048	120			73	394	0.14	49	0.08	31	481	449	378	394
G	PRIMUS VICEROY CALIBAN-ET	840003006436062	99K	100	F	507JE1787	119			77	669	0.01	35	0.02	30	450	430	391	418
G	RIVER VALLEY MACMELODY-ET	USA 067861364	99K	100	F	200JE10059	119			77	379	0.08	35	0.04	23	454	432	387	390
G	JX SEXING GM PADDOCK (4)-ET	840003146617430	29K	100	F	551JE1766	118			75	1312	-0.05	52	0.03	54	504	477	422	386
G	SEXING HUXFORD-ET	840003203845449	99K	100	F	551JE1765	118			76	942	-0.01	44	0.02	39	458	439	399	419
G	PRIMUS DASHIELL STURGIS-ET	USA 173774063	58K	100	F	250JE1834	118			73	342	0.12	43	0.03	19	487	469	433	440
G	YOSEMITE JLS KWYNN ROWAN-ET	840003131274492	99K	100	F	7JE1760	117			77	165	0.11	32	0.10	28	467	427	342	396
G	JX CROSSWIND ZINC OSKA (4)-ET	840003150320964	99K	100	F	11JE7018	117			74	157	0.17	44	0.09	24	484	449	376	397
G	AHLEM KIAWA ENSIGN 24617-ET	840003202631032	58K	100	F	7JE1831	117			73	372	0.01	21	0.03	20	426	409	374	394
G	JX SEXING GOT MAID PURSUE (4)-ET	840003132353767	99K	100	F	551JE1732	116			76	1398	-0.06	54	0.00	52	485	463	420	338
G	JX PROGENESIS GIFTED (5)-ET	124 11180165	99K	100	F	777JE1201	116			76	674	0.10	54	0.08	42	517	480	400	369
G	JX AHLEM BALTAZAR FIRESTAR (6)-ET	USA 067823730	99K	100	F	7JE1662	116			78	834	-0.10	19	0.03	37	366	346	302	341
G	JX FOREST GLEN BALTAZAR AMORE (6)-ET	USA 067650232	99K	100	F	29JE4105	116			77	964	-0.14	15	0.00	36	419	404	375	358
G	JX CROSSWIND VITUS (4)-ET	840003150320917	99K	100	F	777JE1203	116			77	546	0.11	50	0.07	36	515	484	417	418
G	TOG MAGNESIUM W961 8664-ET	840003200059621	14K	100	F	97JE201	116			77	937	-0.07	29	0.00	35	451	438	412	399
G	JX PRIMUS FOURNTTYE CARDIFF (4)-ET	840003200133525	99K	100	F	7JE1786	116			76	858	-0.14	10	-0.03	25	393	389	384	381
G	DUTCH HOLLOW MIGHTY-ET	840003131737628	99K	100	F	29JE4079	115			79	285	0.23	63	0.15	43	470	412	287	344
G	JX FARIA BROTHERS ALTAKELCE (4)-ET	840003206191721	99K	100	F	11JE7144	115			73	545	0.14	56	0.10	41	487	443	350	356
G	JX JER-Z-BOYZ RESOLUTE (5)-ET	USA 173356083	99K	100	F	14JE1764	115			76	796	0.08	56	0.03	36	500	479	435	378
G	JX OAK LANE ENZO MOE (4)-ET	USA 067692266	58K	100	F	7JE1813	115												

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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	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
2.76	4.6	2.6	0.7	64	0.9	3.3	8.1	0	0	77	1.1	1.2	1.0	0.2	0.0	1.2	P0.8	S1.1	2.2	0.6	0.2	0.3	S1.5	C0.7	0.0	C0.6	B0.1	8.5
2.72	6.9	2.7	2.9	65	3.8	3.1	8.7	0	0	76	0.4	0.0	0.4	0.2	L0.4	-0.2	P0.1	S0.4	0.5	0.7	0.2	-0.3	S0.7	W0.9	S0.3	W0.3	B0.3	4.4
3.05	4.7	1.7	0.6	64	0.8	0.9	8.5	0	0	76	0.9	-0.2	0.5	1.0	H0.5	0.6	0.0	S0.7	1.2	0.8	0.9	0.1	S0.4	C0.2	L0.2	C0.2	B0.3	5.4
2.93	5.4	3.0	0.1	65	1.1	1.3	9.7	0	0	76	1.4	-0.8	0.0	1.3	H0.3	0.4	S0.4	S0.3	1.3	2.1	1.1	0.9	S0.5	C1.0	S0.1	C0.1	B0.2	10.2
2.89	5.9	1.5	0.9	66	1.4	1.3	9.6	0	0	78	1.1	0.6	0.3	0.9	L0.6	0.5	P0.2	S0.6	0.7	0.8	0.8	0.8	S0.3	C1.4	S0.4	C1.2	C0.1	5.5
2.82	5.5	2.6	0.7	63	2.5	4.2	7.7	0	0	75	0.1	-1.5	-0.5	0.6	L0.1	-0.7	P0.9	S0.5	-0.5	0.5	0.5	-0.9	D1.2	W1.2	S0.2	W0.5	B0.7	-1.0
3.04	3.7	0.6	-1.2	61	-1.2	0.2	6.6	0	0	74	1.5	0.6	0.5	1.7	L0.3	-0.2	P0.7	S0.4	0.8	2.7	1.5	1.3	D0.1	W0.4	L0.4	W0.1	C0.1	9.0
2.80	4.5	-0.4	-0.5	66	-0.4	0.6	9.2	0	0	77	1.4	0.7	0.4	1.1	H0.8	0.5	P0.8	S0.7	2.2	1.1	1.0	0.6	S1.0	C1.1	L0.4	C0.8	C0.1	8.9
2.82	5.7	3.3	2.3	68	2.9	2.9	7.8	0	0	77	-0.1	-0.9	0.4	-0.3	L0.5	-0.6	S0.9	S0.3	-0.3	-0.3	-0.2	0.8	D1.2	W0.1	0.0	C0.8	C0.3	-1.5
2.88	3.2	-0.1	-1.1	64	-0.4	0.2	8.6	0	0	75	0.5	-0.5	-0.3	0.8	L1.1	-0.7	P0.2	L0.5	-0.5	1.2	0.6	0.3	D1.1	W0.7	S0.2	W0.3	0.0	0.9
2.90	4.0	-0.7	-1.7	62	-1.6	0.7	7.4	0	0	75	1.1	0.8	0.9	1.7	H1.3	1.2	P0.4	S0.7	1.3	1.0	1.5	0.1	D0.4	C1.1	L0.7	C0.4	B0.3	4.7
2.94	3.9	0.2	0.6	63	0.8	1.2	7.4	0	0	75	0.9	0.8	0.5	1.1	L0.2	0.3	S0.1	S0.2	1.6	0.9	0.9	0.2	S0.8	C2.6	L0.5	W0.2	C0.1	6.6
2.88	3.6	0.7	1.0	64	1.4	0.6	8.5	0	0	75	0.5	0.5	0.4	0.8	L0.3	0.4	P0.4	S0.1	0.1	0.8	0.7	0.4	D0.8	C0.6	L0.4	C0.4	0.0	1.3
2.93	5.0	4.0	3.1	67	3.5	3.5	7.4	0	0	78	0.0	1.0	1.2	0.1	L0.1	0.7	S0.9	L0.1	0.1	-1.1	0.0	1.1	D0.5	C1.7	L0.3	C0.5	0.0	-3.3
2.71	5.3	-0.5	-0.1	71	0.6	0.8	9.4	0	0	78	1.1	0.4	-0.4	1.1	H0.9	-0.1	P0.8	S0.9	1.9	1.2	0.9	-0.1	S1.6	C0.9	S0.3	C0.1	C0.8	8.8
2.71	4.9	-0.2	-0.5	71	0.1	1.3	9.4	0	0	80	0.5	0.3	0.6	1.0	H1.0	0.3	P0.6	S0.9	0.7	0.1	0.8	0.4	D0.3	C0.2	L0.1	C0.1	C0.5	0.3
2.90	3.6	-1.8	-0.2	68	0.4	2.3	8.2	0	0	79	1.5	0.1	-0.5	2.4	L0.3	-0.5	S0.5	L0.3	0.3	2.4	2.1	1.4	D0.8	C1.3	L0.7	C1.1	B0.9	8.4
2.88	4.5	0.7	0.6	65	0.4	1.3	8.7	0	0	76	1.5	1.6	-0.1	1.8	H0.5	0.5	P0.2	S1.1	1.3	1.8	1.5	-0.1	S0.7	C1.4	L1.1	C0.3	B0.2	8.5
2.86	4.1	0.9	1.2	63	2.6	2.8	8.2	0	0	75	0.9	0.3	1.4	1.2	H0.3	1.5	S0.8	S0.4	0.7	0.0	1.0	0.5	D1.2	C1.8	S0.3	C0.5	C0.1	-0.1
2.80	4.6	-0.3	-0.8	63	0.0	1.3	7.5	0	0	75	0.9	0.1	0.0	0.7	H0.2	-0.2	S0.5	S0.1	1.6	1.2	0.6	0.4	S1.3	W0.1	L0.1	C0.2	B0.3	9.0
2.76	5.2	-0.7	-1.5	69	-0.4	0.5	8.7	0	0	78	0.7	-1.1	0.1	0.9	H0.4	-0.5	P0.4	S0.6	0.5	0.3	0.8	1.0	D0.6	C1.5	0.0	C0.8	C0.4	1.2
2.95	5.4	2.2	1.7	69	3.6	4.4	9.1	0	0	78	0.5	-0.4	-0.2	0.4	L0.2	0.2	S0.5	S0.3	1.0	0.7	0.3	-0.3	S0.6	W0.6	L0.1	W0.2	0.0	4.3
2.81	4.6	2.4	0.6	59	0.8	1.7	5.8	0	0	73	0.3	1.1	0.2	0.1	H0.6	0.3	S0.1	L0.4	0.3	0.0	0.1	-0.4	S0.7	C0.1	S0.2	C0.6	B0.4	2.7
2.81	5.0	-1.9	-1.1	70	-0.7	0.8	8.6	0	0	79	0.5	0.7	0.1	0.4	H0.1	-0.2	P0.3	S0.8	0.3	-0.2	0.4	-0.2	S0.8	W1.0	L0.5	W0.9	C0.4	-0.4
2.99	5.0	2.9	2.4	67	2.6	2.0	6.8	0	0	78	0.1	-0.5	0.4	0.0	H0.2	0.3	S0.5	S0.1	0.2	0.3	0.0	0.0	D0.4	W0.1	L1.0	C0.2	C0.1	-0.5
2.79	5.0	2.0	0.5	61	0.0	1.0	6.2	0	0	74	0.2	0.3	-0.1	0.2	H0.7	0.1	P0.4	S0.5	1.1	0.1	0.2	-0.2	S0.9	C1.4	S0.1	C0.2	B0.5	4.8
2.80	3.7	0.8	-0.7	63	0.0	1.5	7.4	0	0	75	0.6	0.2	-0.4	1.2	H0.8	-0.1	S0.9	S0.2	0.4	0.6	1.0	-0.4	S0.3	0.0	S0.3	C0.3	B0.7	4.4
2.81	3.8	1.1	0.3	68	0.0	2.1	8.1	0	0	78	0.9	-0.1	0.2	0.5	H0.8	0.4	P0.5	S0.5	1.7	0.8	0.4	-0.6	S0.3	C2.1	L0.2	C1.0	B0.5	6.8
2.76	6.0	-0.9	0.6	64	0.9	1.7	8.1	0	0	75	1.9	3.0	1.5	1.7	H0.7	1.2	P0.8	S1.5	3.1	2.1	1.5	1.4	S2.7	C2.0	L0.6	C0.1	C0.4	15.9
2.99	4.2	1.0	0.7	67	0.9	1.7	7.9	0	0	78	0.5	-0.3	0.0	1.2	H0.7	0.0	S1.0	L0.1	0.3	0.3	1.0	1.0	D0.9	C0.7	0.0	C1.4	C0.6	0.2
2.99	4.6	2.3	0.9	65	2.1	2.6	6.3	0	0	77	0.7	1.5	1.5	0.4	0.0	1.8	S0.1	S0.8	1.4	0.4	0.3	-0.1	S0.5	C0.4	L0.7	C0.5	B0.2	4.2
2.68	4.2	2.9	-1.4	69	-0.1	1.4	9.0	0	0	79	0.3	-1.5	0.2	0.2	H0.1	0.2	P1.0	S0.6	0.4	0.0	0.2	-0.6	D1.3	W0.2	S1.2	C0.1	B0.2	-0.6
2.91	3.6	0.5	-0.2	64	0.6	1.7	8.2	0	0	75	1.0	1.1	0.2	1.2	H1.7	0.6	P0.1	S0.7	1.1	1.1	1.1	0.4	S0.9	0.0	L0.4	W0.2	B0.6	7.2
2.94	3.1	-0.5	0.1	65	0.5	0.6	7.5	0	0	77	0.9	-0.5	-0.3	1.0	H0.2	-0.1	S1.5	L0.5	0.3	0.7	0.9	0.4	S0.2	C0.2	L0.1	W0.4	B0.4	3.5
2.88	5.4	2.6	1.3	64	2.0	1.4	8.9	0	0	76	1.1	0.3	0.7	0.7	H0.6	1.3	S0.2	S0.9	2.3	1.8	0.6	0.6	S1.9	W0.2	L0.6	C0.1	B0.2	12.3
2.98	3.4	-0.3	-0.9	63	-1.0	1.0	7.9	0	0	75	1.0	1.3	0.7	0.8	H1.1	1.2	P0.4	S0.9	1.6	0.6	0.7	-0.5	S0.7	C0.6	L0.6	C0.4	B0.3	5.6
2.85	3.6	-0.6	0.0	67	0.2	2.7	9.7	0	0	77	0.4	-1.2	-0.4	0.6	H0.2	-1.0	S0.6	L0.6	0.7	1.5	0.5	0.7	S0.5	W0.2	S0.2	W0.5	C0.3	6.2
2.71	4.8	1.8	0.2	69	0.6	0.5	9.1	0	0	79	0.4	-0.9	0.3	0.6	H0.1	0.0	P0.2	0.0	-0.7	0.2	0.6	0.3	D1.7	W0.5	S1.1	C0.2	B0.2	-2.1
2.95	2.3	0.8	1.2	67	3.0	5.2	8.0	2	4	80	0.4	0.7	-1.1	1.5	L0.9	-0.7	S0.4	S0.1	-1.3	0.8	1.3	-0.1	D0.4	W1.6	S0.4	W0.6	B0.5	0.3
3.07	1.7	-2.5	-1.9	65	-1.3	1.3	9.0	0	0	75	0.9	0.2	0.7	1.3	L0.8	-0.1	P0.3	0.0	0.5	1.5	1.1	0.9	D0.8	C0.3	L0.4	W0.4	C0.4	3.1
2.90	4.2	0.3	-0.2	68	0.7	1.7	7.9	0	0	78	0.7	-0.1	0.8	0.5	L0.3	-0.3	0.0	S0.9	0.4	-0.2	0.5	0.8	S0.1	C1.1	0.0	C0.8	C0.4	0.6
3.04	2.6	-1.5	-0.2	61	0.6	1.3	6.7	0	0	74	0.7	0.2	-0.2	1.4	L0.7	-0.5	S0.6	L0.7	-0.1	1.0	1.2	1.0	0.0	C1.1	S1.1	W0.1	C0.7	3.5
2.94	3.3	-1.0	-2.0	63	-0.6	1.9	8.0	0	0	75	1.5	0.3	0.4	1.7	H0.4	0.9	P1.3	S0.9	2.4	1.8	1.4	0.0	S0.9	C1.7	S0.1	C0.7	C0.2	11.3
2.91	3.4	0.7	-0.9	65	-0.4	0.7	8.6	0	0	76	0.8	0.0	-0.1	0.8	L0.8	-0.4	S0.2	0.0	0.0	1.2	0.7	0.5	D0.1	W1.0	L0.7	W0.9	C0.1	2.2
2.74	4.1	0.6	-0.9	61	-0.8	0.6	6.4	0	0	74	0.7	0.1	0.0	0.8	H1.1	0.5	P0.1	S0.5	1.9	1.1	0.7	0.3	S1.0	C1.4	S0.1	C0.1	B0.5	9.3
2.80	5.2	1.1	1.1	64	2.1	2.6	7.9	0	0	75	1.1	0.3	0.5	0.6	H0.3	0.3	S0.1	S0.4	1.7	0.6	0.5	0.0	S0.8	C0.9	L0.1	C0.3	C0.1	6.0
2.87	4.2	-1.3	-1.5	70	-0.4	2.0	8.8	0	0	79	0.3	-0.8	-0.1	0.6	H0.2	-0.4	P0.6	S0.8	0.4	0.2	0.5	-1.3	D0.2	W1.5	L0.3	W1.4	B0.3	-0.5
2.74	5.0	-0.6	-1.2	66	0.0	1.4	8.1	0	0	77	0.5	1.6	1.0	-0.1	H0.7	0.9	P1.0	S1.0	2.8	0.8	-0.1	-0.9	S2.3	W1.6	L1.8	W1.5	B0.2	7.9
2.89	3.0	-0.8	-0.8	70	0.1	1.8	9.4	0	0	79	1.5	0.0	0.0	2.1	H1.0	0.4	S0.4	L0.3	0.7	1.2	1.8	0.8	D0.4	C2.1	S0.1	C1.8	B0.6	6.8
2.93	1.9	0.1	-1.0	68	0.2	-0.1	8.0	0	0	79	0.8	-1.8	-0.3	1.6	H0.7	-0.3	S0.6	L0.3	-0.6	0.7	1.4	0.8	D1.9	C1.0	S0.3	C0.4	B0.4	-0.5
2.92	3.5	1.7	0.1	62	0.1	1.8	6.6	0	0	74	0.8	0.6	0.1	1.3	H1.5	0.8	S0.1	S0.6	1.1	0.9	1.1	0.7	S1.3	C0.6	S0.5	C0.3	B0.7	8.8
2.85	5.0	1.2	2.0	69	3.3	2.7	9.3	0	0	78	0.8	1.5	0.6	0.2	L0.4	1.3	S0.5	S0.3	2.3	1.6	0.2</							

# Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI August 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	TOG PLATINUM 36721-ET	840003149715810	14K	100	F	564JE573	112	77	259	0.16	48	0.09	28	444	408	331	374		
G	JX PEAK ZOOMERANG (4)-ET	840003206963174	99K	100	F	1JE7183	112	73	102	0.17	42	0.10	25	415	379	300	341		
G	PROGENESIS PLUNDER-ET	840003209774570	45K	100	F	97JE206	111	73	687	0.08	50	0.07	40	497	465	397	392		
G	JX D&E FAMILIA BLITZEN (4)-ET	840003148506887	58K	100	C	14JE1806	111	76	1217	-0.04	51	-0.03	38	455	450	441	356		
G	JX OAK LANE WALES (4)-ET	USA 067692269	99K	100	F	200JE1236	111	72	795	0.02	44	0.04	37	460	438	389	371		
G	JX AHLEM ENDURANCE (4)-ET	840003144728626	99K	100	F	777JE1211	111	76	605	0.12	56	0.04	30	499	479	436	402		
G	RIVER VALLEY BELLRINGER-ET	USA 067861326	99K	100	F	200JE10053	110	76	918	-0.05	33	0.06	47	429	401	337	375		
G	JX SUN VALLEY JAYWALK (6)-ET	USA 173324101	99K	100	F	777JE1196	110	78	873	0.04	52	0.06	45	447	412	338	329		
G	ALL LYNNS LISTOWEL DALTON-P-ET	USA 173175006	99K	100	F	29JE4137	110	78	671	-0.02	28	0.03	31	407	384	338	373		
G	ISDK VJ BALSLEV LOBO CHOKO	DNK 000304568	6K	100	F	236JE4568	110	72	-242	0.35	61	0.15	22	436	389	286	380		
G	JX AHLEM WORLD CUP HIDALGO (5)-ET	840003144728322	99K	100	F	14JE1736	110	77	-266	0.17	22	0.12	15	426	387	303	381		
G	TOG LEAD 36903-ET	840003149715992	14K	100	F	564JE593	110	77	203	0.08	28	0.02	11	390	378	355	366		
G	ISDK VJ GROENBJERG LOBO LOBSTER	DNK 000304580	50K	100	F	236JE4580	110	72	-1321	0.53	41	0.23	-3	385	322	186	372		
G	YOSEMITE PILGRIM ROBBER-ET	840003131274493	99K	100	F	14JE1780	109	76	1015	-0.15	16	0.00	37	353	341	315	358		
G	JX FARIA BROTHERS KLEERLY (5)-ET	840003200650065	99K	100	F	1JE7110	109	72	631	0.06	43	0.03	30	435	415	373	376		
G	JER-Z-BOYZ BULWURX-P-ET	USA 173642865	58K	100	F	14JE1810	109	74	217	0.21	55	0.10	30	477	438	353	331		
G	JX FOREST GLEN MONUMENT SULLY (6)	USA 119889365	99K	100	F	97JE165	109	76	934	-0.06	32	-0.03	28	389	387	383	386		
G	JX SEXING VICE UGO (5)-ET	840003203845399	99K	100	F	551JE1764	109	76	47	0.19	43	0.10	24	423	390	315	383		
G	JX FARIA BROTHERS ALTAZION (6)-ET	840003200649797	99K	100	F	11JE7106	109	73	78	0.17	40	0.07	18	446	415	351	382		
G	JX PEAK ALTAMONTRA (6)-ET	840003140986383	99K	100	F	11JE1369	108	77	833	0.06	54	0.06	43	465	436	373	372		
G	AHLEM KUSAFIRI	840003202631080	99K	100	F	200JE1244	108	75	836	-0.03	34	0.03	37	452	431	387	363		
G	VIERRA BOB DYLAN	840003200644064	99K	100	F	97JE199	108	77	755	0.03	43	0.03	34	415	398	360	366		
G	HILMAR VICEROY MIAMI	USA 172552682	99K	100	F	7JE1657	108	77	810	-0.06	27	0.01	33	425	409	376	376		
G	TOG COPPER 36735-ET	840003149715824	14K	100	F	564JE577	108	77	-39	0.18	36	0.10	20	455	419	342	422		
G	JX JER-Z-BOYZ WINWOOD (5)-ET	USA 173272909	99K	100	F	551JE1751	108	77	-263	0.21	31	0.14	20	415	368	266	361		
G	PROGENESIS COMPLETELY-ET	124 109902120	99K	100	C	200JE1116	107	77	1173	0.02	61	0.02	47	411	394	355	316		
G	TOG SILVER 37152-ET	840003203346460	99K	100	F	1JE7225	107	77	401	0.09	38	0.07	30	400	368	300	348		
G	JX PINE-TREE KLAY DRIVER 1951 (4)-P-ET	USA 067771951	63K	100	F	551JE1777	107	76	501	0.00	25	0.04	26	399	376	331	307		
G	ISDK VJ UDBY LARI LASKY	DNK 000304566	50K	100	F	236JE4566	107	72	306	0.12	40	0.05	21	350	326	277	346		
G	JX TAYLOR BROTHERS GM MACEO (4)-ET	840003132356546	99K	100	F	551JE1752	106	76	840	0.08	59	0.05	41	448	419	359	359		
G	JX FARIA BROTHERS ALVES (5)-ET	840003140371276	99K	100	F	551JE1715	106	78	746	0.00	37	0.03	34	351	328	281	291		
G	JX CAL-MART ORIOLE (4)	USA 067374680	99K	100	F	29JE4200	106	77	225	0.13	38	0.11	31	479	437	347	365		
G	KASH-IN SALVO	840003142481764	63K	100	F	551JE1799	106	74	594	-0.01	27	0.04	30	386	362	311	337		
G	ABS MARINE-ET	840003201594484	99K	100	F	29JE4195	106	77	405	0.11	43	0.04	23	475	454	410	373		
G	DP KILOWATT AMP-ET	USA 172581329	99K	100	F	7JE1628	106	77	301	0.05	26	0.05	22	336	316	271	347		
G	JX PROGENESIS GINKGO (5)-ET	124 111129563	99K	100	F	777JE1200	105	77	615	0.12	55	0.05	34	480	454	397	360		
G	JX FARIA BROTHERS ALTAZIDANE (4)-ET	840003149514358	99K	100	F	11JE1379	105	78	249	0.14	43	0.10	30	422	383	300	351		
G	PROMETDOR LOOT-ET	USA 067119938	99K	100	F	777JE1138	104	77	623	0.21	76	0.12	49	508	464	364	375		
G	JX RDO CLEARWATER (4)-ET	840003133376040	99K	100	F	29JE4232	104	72	252	0.19	54	0.11	34	472	426	327	347		
G	JX CAL-MART VICEROY HANK (5)	USA 067374672	99K	100	F	29JE4201	104	76	311	0.16	50	0.06	25	429	404	348	360		
G	JX LUCKY HILL WOODSTOCK (6)-ET	USA 173591477	99K	100	F	29JE4193	104	77	-161	0.24	43	0.10	16	482	445	367	389		
G	DUPAT DILBERT-P-ET	840003127607529	45K	100	F	97JE195	104	78	344	0.03	24	0.00	12	336	332	325	392		
G	JX ABS HOTLINE (4)-ET	840003141494349	99K	100	F	29JE4093	103	76	637	0.12	58	0.10	46	433	392	300	321		
G	JX LOVES OCTAVIUS (6)-ET	USA 172979241	99K	100	F	777JE1159	103	76	542	0.14	57	0.12	46	474	428	327	355		
G	PINE-TREE KINGSTON KENTUCKY (6)-ET	USA 075812013	58K	100	F	14JE1782	103	74	210	0.18	48	0.15	39	431	377	260	328		
G	JX PINE-TREE AROUND (5)-ET	USA 067731469	99K	100	F	1JE1075	103	78	237	0.18	50	0.14	38	490	441	333	361		
G	DUTCH HOLLOW PUCKETT	840003200835837	99K	100	F	14JE1779	103	77	1236	-0.13	30	-0.06	32	376	383	400	359		
G	TOG PEWTER 37141-ET	840003203346449	14K	100	F	564JE599	103	77	241	0.19	53	0.10	31	425	385	299	338		
G	VIERRA VANHALEN-ET	840003200644139	99K	100	F	200JE1230	103	73	319	0.15	47	0.07	26	430	401	340	344		
G	BAR MB CRAZE CASTRO	840003151584695	99K	100	F	14JE1762	103	78	320	0.06	29	0.02	16	404	391	365	324		
G	ISDK VJ JUULSGAARD GISLEV GATES	DNK 000304544	6K	100	F	236JE4544	103	70	-265	0.14	17	0.08	7	315	284	220	324		
G	ISDK VJ GUNDESTROP LESTEN LAST	DNK 000304651	50K	100	F	236JE4651	103	69	-1093	0.40	28	0.15	-10	366	324	235	389		
G	JX PEAK ALTAKARAOKE (5)-ET	840003206963168	99K	100	C	11JE7162	102	72	1581	-0.16	39	-0.04	49	346	342	334	280		
G	RIVER VALLEY BUTTONS BIONIC-ET	840003133234887	99K	100	F	777JE1045	102	78	1187	-0.14	27	-0.02	39	398	390	376	346		
G	RIVER VALLEY ALLIE ALLELE	840003201930546	99K	100	F	200JE10055	102	76	998	-0.09	28	-0.01	34	416	407	391	335		
G	PROGENESIS SKYLER-ET	CAN 012672209	99K	100	F	777JE1132	102	78	742	0.17	73	0.02	31	464	450	421	366		
G	JX CROSSWIND ZINC ALLTIME (4)-ET	840003150320959	99K	100	F	7JE1775	102	74	-111	0.20	36	0.09	16	446	410	336	348		
G	JX PINE-TREE ENZO DAVID 1908 (4)-ET	USA 067771908	99K	100	F	551JE1757	101	73	735	0.01	38	0.05	38	466	438	379	355		
G	JX PEAK ALTAATHLETE (5)-ET	840003145378375	99K	100	F	11JE1370	101	77	92	0.11	27	0.10	25	349	309	225	270		
G	JX AHLEM CRAZE PROTEUS (6)-ET	840003144728355	99K	100	F	7JE1737	101	77	471	0.07	39	0.02	22	386	371	341	334		
G	JX FARIA BROTHERS PRINCE (4)-ET	840003200648785	99K	100	F	97JE196	100	74	250	0.09	32	0.08	26	395	361	289	320		
G	JX MOUNT ROCK VICEROY ALPHA (4)	USA 067686884	99K	100	F	29JE4162	100	76	591	-0.03	21	0.01	24	401	391	369	358		
G	JX PEAK ALTAMCCAFFREY (5)-ET	840003206963191	99K	100	F	11JE7174	99	76	1243	-0.03	53	0.01	48	411	393	354	318		
G	JX SCHOENE KUH NOODLE (4)-ET	840003146031915	99K	100	F	14JE1765	99	77	-95	0.27	52	0.14	26	420	375	275	317		
G	JX FARIA BROTHERS ASENSIO (4)-ET	840003140305961	99K	100	F	551JE1710	98	78	551	0.13	56	0.11	45	422	377	277	315		
G	JX PROGENESIS MARKUP (5)-ET	124 110879045	99K	100	F	777JE1181	98	76	476	-0.03	17	0.05	28	364	336	281	293		
G	WETUMPKA LISTOWEL NIGEL-PP	USA 067339324	45K	100	F	566JE109	98	76	443	0.07	36	0.02	20	337	324	298	329		
G	SEXING VR BENNETT-ET	840003146618025	63K	100	F	551JE1791	97	77	1124	-0.02	50	0.00	41	421	414	397	338		
G	JX PEAK REAL COST (4)-ET	840003205435885	99K	100	F	1JE7112	97	72	597	-0.03	22	0.02	27	396	381	347	354		
G	PEAK VCRY SHOWTIME-ET	840003200824138	99K	100	F	1JE7010	96	76	1076	0.03	58	0.03	46	410	390	346	323		
G	KASH-IN SLIM-ET	840003142481766	63K	100	F	551JE1801	96	74	712	0.05	46	0.04	34	371	347	299	301		
G	JX CAL-MART VIVID (4)-ET	USA 067374659	99K	100	F	29JE4177	96	75	316	0.13	43	0.07	27	423	395	335	365		
G	TOG ALLOY 36654-ET	840003149715743	14K	100	F	564JE579	96	77	353	0.18	55	0.06	25	434	408	352	359		
G	JX WILSONVIEW SKYMAN (6)-ET	USA 173275032	99K	100	F	777JE1184	96	77	21										

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

SCS	PL	LIV	DPR				CCR	HCR	EFI	Type	Type	Type	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP	RTP	JUI
			REL	CCR	HCR	EFI				Hrds	Daus	REL																RV	SV	
2.83	3.8	0.6	0.7	68	2.3	3.4	8.8	0	0	77	0.3	0.4	0.7	0.3	L0.1	1.0	S0.7	S0.3	0.9	0.5	0.3	0.1	D0.6	C0.2	L0.9	C0.1	C0.5	0.4		
2.95	3.6	1.0	0.6	63	0.8	1.3	7.5	0	0	75	0.4	-1.3	-0.4	-0.2	H0.7	-0.6	S0.3	L0.1	1.3	0.6	-0.2	-0.9	S1.7	W1.2	S0.4	W1.1	C0.2	5.7		
3.01	4.1	0.3	-0.7	65	0.1	1.9	10.2	0	0	76	1.1	2.6	0.8	1.3	L0.1	1.4	S0.1	S0.7	2.3	1.4	1.1	0.3	S2.2	C0.3	L0.3	W0.2	C0.2	11.3		
2.89	4.0	0.1	-1.6	66	-1.2	0.9	8.0	0	0	77	1.4	1.0	0.1	2.2	H0.2	0.1	S1.0	0.0	1.1	1.8	1.9	0.9	S0.9	C0.5	L1.1	W0.4	B0.3	8.5		
2.93	4.6	0.1	-0.4	63	0.2	3.0	8.2	0	0	75	1.1	1.8	1.0	1.0	H0.7	0.6	P0.1	S0.6	2.3	0.9	0.8	0.0	S2.2	C0.4	L0.6	C0.1	B0.1	10.0		
2.97	3.9	0.0	-1.0	68	-0.9	1.1	7.7	0	0	78	1.9	1.3	0.5	1.4	H0.8	0.8	P0.5	S1.0	3.3	2.2	1.2	0.7	S2.7	C1.8	L1.2	C1.2	B0.8	17.9		
3.16	3.5	0.4	0.7	67	2.5	3.1	7.9	0	0	78	0.6	-0.1	0.7	0.3	H0.4	0.9	P0.5	S0.8	1.4	1.1	0.2	-0.3	S0.2	W0.5	L0.4	W0.5	C0.5	4.2		
2.78	3.2	-1.1	-1.1	71	-1.0	0.9	9.2	0	0	79	0.5	0.1	0.7	-0.2	L0.4	0.2	S0.2	S0.6	1.1	-0.4	-0.2	0.1	S0.2	C1.0	S0.2	W0.1	C0.8	0.0		
2.74	4.0	1.7	1.8	69	2.7	2.2	8.8	0	0	79	0.7	0.9	1.0	1.1	H0.8	1.3	P0.2	S1.2	0.6	-0.5	1.0	0.0	D0.8	C0.7	S0.8	C0.5	C0.4	-1.3		
3.01	2.5	0.0	1.1	59	3.7	3.7	3.6	0	0	70	-0.7	0.2	0.4	-0.1	L0.1	0.1	S1.0	S0.2	0.0	-0.7	-0.1	-0.1	S0.7	W0.1	L0.1	W0.5	C0.1	-1.4		
2.90	4.9	3.0	1.9	69	2.5	2.5	8.6	0	0	78	1.3	0.2	-0.6	1.5	H1.4	0.2	P0.3	S1.0	1.8	1.5	1.3	0.2	S0.8	C1.0	S0.1	C1.5	B0.3	10.4		
2.81	5.9	3.2	2.2	69	2.9	4.0	8.8	0	0	78	0.3	-0.6	0.1	-0.8	0.0	-0.1	P0.3	S1.1	1.9	-0.5	-0.7	-0.3	S1.4	C0.2	S0.9	C0.3	B0.1	4.8		
2.78	3.2	1.2	3.3	54	6.3	3.6	2.2	0	0	68	-0.8	-1.2	-1.3	-1.3	H0.2	-1.3	P0.5	S0.4	0.3	-0.7	-1.1	-0.6	S2.3	C0.1	S0.4	W0.3	C0.1	2.3		
2.93	4.6	1.4	3.0	69	4.7	2.5	8.7	0	0	78	0.2	0.9	1.3	0.1	0.0	0.6	S0.2	S0.4	0.9	0.0	0.1	0.2	D0.6	C0.4	L0.5	C0.3	C0.1	0.0		
2.89	4.0	1.4	0.9	62	0.7	2.3	6.9	0	0	74	0.8	1.4	0.7	0.7	H0.8	1.1	0.0	S0.8	0.9	0.1	0.6	-0.7	S0.8	C0.8	0.0	0.0	B0.3	3.6		
2.94	3.2	0.2	-2.8	65	-1.3	1.3	8.8	0	0	76	1.2	0.0	-0.5	1.8	H0.2	-0.3	S0.4	S0.5	1.0	2.1	1.5	1.3	S1.3	0.0	S0.1	W0.3	B0.5	11.4		
2.88	4.0	1.8	2.3	69	2.7	2.5	8.3	0	0	78	0.8	0.4	0.7	0.8	H1.0	1.0	S0.5	L0.1	1.8	1.4	0.6	0.5	S0.3	W0.9	L1.0	W0.5	C0.1	6.1		
3.15	3.0	1.6	1.3	67	2.9	3.6	7.9	0	0	78	0.5	-1.3	-0.2	-0.1	H1.0	0.4	P0.8	S0.2	2.5	1.0	-0.1	-0.7	S1.1	W0.4	0.0	C0.1	C0.2	8.1		
2.72	4.1	-0.1	0.6	64	0.6	1.7	8.5	0	0	75	1.3	0.5	0.4	0.8	H2.5	1.0	P0.7	S1.4	4.2	1.2	0.7	-0.2	S3.0	C1.4	L0.3	C0.8	C0.1	15.6		
3.02	3.3	-1.1	-0.9	68	1.0	2.5	8.8	0	0	78	1.2	0.7	1.1	0.6	H0.2	0.9	S0.1	S0.6	2.6	0.9	0.5	0.2	S0.9	C0.9	L0.4	0.0	C0.5	7.4		
2.93	5.1	-0.1	-0.5	64	0.1	1.8	8.5	0	0	77	1.7	1.9	0.7	1.0	H0.5	1.4	P0.6	S0.9	3.7	1.8	0.8	-0.3	S2.9	C1.6	S1.1	W0.4	B0.2	17.6		
3.07	3.5	1.8	1.0	68	2.0	2.5	8.3	0	0	78	0.1	0.9	0.7	0.0	L0.9	0.4	S0.5	S0.3	1.1	0.2	0.0	0.4	S0.6	C0.1	S0.4	C0.2	C0.6	3.1		
2.92	4.9	1.4	0.8	69	2.5	2.0	9.8	0	0	78	0.9	-0.7	0.5	0.6	H0.8	1.4	P1.0	S1.0	2.4	1.1	0.5	-0.1	S1.0	C1.9	S0.1	C0.5	C0.2	9.2		
2.92	5.1	0.4	2.0	64	3.9	4.4	6.0	0	0	76	1.0	1.0	0.7	0.8	H0.2	1.2	P0.4	S1.3	1.9	1.4	0.7	0.6	S1.8	C1.2	L0.7	C0.3	C0.9	9.1		
2.88	4.2	1.9	1.9	70	2.5	2.7	8.5	0	0	78	0.3	0.1	0.1	0.2	H1.8	0.4	P0.9	S0.9	1.0	-0.1	0.2	-0.1	S0.3	C0.2	S0.1	C0.9	B0.7	3.3		
3.10	1.0	-0.4	-1.6	69	-0.8	-0.1	8.3	0	0	78	0.2	-0.9	0.1	0.8	L1.2	-0.8	P0.4	L0.9	-1.0	1.1	0.6	1.1	D1.9	W1.3	L0.5	W0.7	C0.4	-2.9		
2.85	3.4	1.1	1.4	69	2.1	2.2	9.3	0	0	78	0.0	1.5	0.5	-0.1	L0.6	0.5	S0.5	L0.2	1.4	0.2	-0.1	-0.5	S1.5	W0.2	L0.8	W0.3	C0.4	3.7		
2.78	5.5	3.1	-0.2	65	0.8	2.0	7.8	0	0	77	0.3	-0.8	0.0	-0.1	H0.3	-0.3	P0.3	S0.6	1.5	-0.1	-0.1	-0.6	S0.8	W0.3	S0.9	W1.0	C0.8	2.2		
2.77	2.5	0.1	2.3	56	3.6	4.2	2.9	0	0	69	-1.2	-1.2	0.0	-1.1	H0.4	-0.5	S0.1	S0.3	-0.4	-1.0	-0.9	-0.5	S0.4	W2.0	L1.4	W0.8	C0.2	-5.6		
2.85	2.8	-1.2	0.0	69	-0.6	-0.8	7.9	0	0	77	0.3	0.6	1.1	0.6	H0.1	0.4	P0.1	S0.7	-0.2	-0.1	0.5	0.6	D0.9	0.0	L0.3	W0.4	C0.4	-3.0		
2.81	2.1	0.3	0.3	67	0.5	-0.1	7.1	0	0	78	0.2	-1.1	-0.5	0.6	H0.2	-0.2	S0.1	L0.2	-0.9	-0.7	0.5	0.2	D1.3	C0.5	S1.1	C0.6	C0.5	-4.9		
2.86	4.6	1.9	-0.5	68	0.5	0.7	8.5	0	0	78	1.2	1.0	1.0	0.5	H0.5	1.6	P0.5	S1.3	3.2	1.3	0.4	0.4	S2.4	C1.5	L0.8	C0.4	C0.3	12.6		
2.76	4.2	0.6	0.9	65	2.1	3.1	8.7	0	0	76	0.7	0.7	0.4	0.6	H0.6	-0.2	P0.4	S0.6	0.8	0.3	0.5	0.8	S0.5	W0.2	L0.2	C0.2	C0.6	2.4		
2.82	4.9	1.7	-0.8	69	-0.4	-0.7	8.7	0	0	79	1.3	1.2	-0.7	1.8	H1.6	0.3	0.0	S1.2	2.0	1.5	1.5	0.7	S2.2	C0.6	L1.7	C1.2	B0.3	11.6		
3.03	3.2	2.5	3.3	70	3.7	2.5	8.6	0	0	78	-0.3	-1.3	-0.4	0.2	L0.8	-0.9	S0.6	L0.9	-0.6	0.5	0.2	0.7	D1.0	W0.6	S0.4	W1.1	C0.6	-2.2		
2.94	3.5	-0.4	-1.9	67	-1.7	2.3	8.4	0	0	78	1.4	1.9	0.4	1.3	L0.1	0.6	P0.8	S1.1	2.1	1.7	1.1	0.3	S2.6	C0.5	S0.2	W0.6	B0.3	13.6		
2.89	3.5	0.7	1.2	70	-0.1	1.4	8.6	0	0	79	0.6	1.2	0.7	0.8	H0.8	0.9	P0.2	S0.3	0.8	0.2	0.7	0.0	D0.2	C0.4	S0.1	C0.8	B0.5	2.8		
3.23	1.4	-1.5	-1.7	69	-1.3	-0.9	9.2	0	0	79	0.6	1.9	1.0	1.0	L0.6	0.8	P0.2	S0.2	0.4	1.6	0.9	0.4	S0.4	W1.2	L0.7	W1.0	C0.3	4.5		
2.84	3.1	-1.5	-1.3	64	-1.7	0.9	8.1	0	0	75	1.1	0.7	0.7	1.0	H0.6	1.0	P1.0	S0.8	2.2	1.6	0.9	0.2	S1.0	C1.7	L0.5	0.0	B0.2	10.3		
3.00	3.7	1.6	0.6	66	1.1	1.5	7.0	0	0	77	0.3	-1.3	0.2	-0.8	H0.5	0.3	P0.1	S0.7	1.3	0.3	-0.6	-0.6	S0.5	W0.6	L0.4	W0.3	C0.5	2.1		
2.86	4.3	2.2	0.0	71	0.1	1.0	9.4	0	0	79	2.1	2.8	0.1	2.2	H0.4	1.1	S0.3	S0.7	2.7	2.8	1.9	1.8	S2.7	C1.8	L1.7	C1.0	C0.1	17.4		
2.96	3.7	1.5	4.3	70	5.2	1.7	9.3	0	0	79	0.4	0.2	-0.3	0.0	L0.6	0.1	P0.7	S0.1	1.9	0.7	0.0	-0.9	S2.3	W0.4	S0.2	W0.9	C0.5	7.7		
3.12	1.3	-2.3	-1.8	66	-0.8	1.8	7.2	0	0	78	0.6	0.1	-0.1	0.8	L0.6	0.2	P0.7	S0.1	1.1	0.4	0.7	-0.1	S0.7	C0.6	S0.8	W0.2	C0.8	3.8		
3.11	1.4	-1.9	-1.8	70	-1.2	0.7	9.2	0	0	78	1.5	1.1	0.4	1.8	H0.7	0.7	S0.4	S1.0	1.6	2.2	1.6	0.8	S0.9	C0.1	L1.2	W0.8	B0.5	10.3		
2.94	2.2	0.1	-0.1	65	0.4	0.7	8.5	0	0	76	0.3	0.4	0.3	0.5	H0.6	0.8	P0.1	S0.3	-0.2	-0.3	0.4	0.1	D1.0	C0.8	L0.3	C0.9	C0.6	-3.4		
3.02	2.9	0.8	-1.3	69	-1.3	1.8	7.5	0	0	78	1.3	0.8	1.0	1.6	H2.4	1.5	P1.2	S1.4	1.5	1.5	1.4	0.9	D0.9	C2.7	L0.5	C0.7	B0.9	7.4		
2.96	4.7	2.3	1.6	68	2.9	1.6	7.9	0	0	78	0.5	0.4	1.3	0.2	L0.2	0.7	S0.2	S0.9	0.6	0.4	0.2	0.8	D0.6	C1.1	S0.2	C0.5	0.0	2.0		
2.94	1.9	0.4	-0.4	67	0.8	2.6	8.7	0	0	77	0.5	0.2	0.3	0.6	0.0	0.7	S0.7	S0.1	1.4	0.7	0.5	-0.3	D0.2	C0.6	L0.2	C0.1	C0.5	3.0		
2.90	3.3	-0.3	-0.7	66	0.1	2.2	9.3	0	0	76	1.0	0.4	0.1	1.6	H0.7	0.3	0.0	0.0	1.5	2.0	1.4	1.0	S0.8	W0.5	L0.6	W0.5	C0.6	8.4		
2.88	5.3	2.2	-0.4	71	0.0	-0.3	10.3	0	0	79	1.7	-1.4	-1.2	1.4	H1.5	-0.3	S0.2	S0.2	1.9	2.4	1.2	0.6	S1.5	C0.4	L0.9	C0.9	B0.6	13.7		
2.65	3.6	1.8	3.4	52	3.8	3.2	2.7	0	0	66	-0.7	-0.6	-0.7	-0.8	H0.2	-0.5	S0.1	S0.2	1.0	-0.4	-0.7	-0.6	S3.3	W0.5	S1.2	W0.9	C0.2	6.2		
2.74	5.4	2.6																												

# Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI August 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	AHLEM CRAZE JALAPENO 24052-ET	840003144728247	45K	100	F	100JE7412	95			76	681	-0.04	24	-0.01	23	338	332	322	306
G	JX PINE-TREE ENZO DUNDEE 1926 (4)-ET	USA 067771926	99K	100	F	551JE1758	94			74	1089	-0.11	28	-0.01	38	374	364	343	307
G	JX CROSSWIND ALERT (4)-ET	840003150320962	99K	100	F	1JE7017	94			73	142	0.15	38	0.07	20	412	384	326	325
G	ISDK VJ OESTERMARIE HAARE HAYS	DNK 000304613	50K	100	F	236JE4613	94			72	-290	0.28	44	0.14	19	377	330	229	357
G	JX FARIA BROTHERS BIG BABY (4)-ET	840003149595984	99K	100	F	29JE41183	93			73	1057	-0.05	39	-0.02	35	384	376	361	305
G	SANDCREEKS D LARS COLOMBIA278-ET	840003134637593	45K	100	F	100JE7410	93			77	688	-0.06	21	0.00	25	320	314	300	332
G	ISDK VJ JUULSGAARD WILLEM WILDER	DNK 000304654	50K	100	F	236JE4654	93			73	-1084	0.40	28	0.18	-4	300	247	135	317
G	JX FARIA BROTHERS ALTAP (5)-P-ET	840003207772819	99K	100	F	11JE7154	92			72	610	0.08	46	0.07	38	406	373	302	296
G	JX ABS DAVE (4)-ET	840003146074397	99K	100	F	29JE4194	92			76	565	0.02	32	0.04	29	383	363	321	338
G	ISDK VJ GAMMELGAARD HAARE HABBIT	DNK 000304650	50K	100	F	236JE4650	92			73	-744	0.39	45	0.21	15	372	311	177	366
G	PRIMUM CRAZE STARLORD-ET	840003141725644	99K	100	F	7JE1726	92			76	160	0.10	29	0.00	5	339	336	332	329
G	JX PEAK ALTAGRAPPLE (5)-ET	840003147840033	99K	100	F	11JE1382	91			77	724	-0.01	33	0.07	42	346	314	243	275
G	JX FOUR J NXLEVEL 50057 (4)	840003142841116	9K	100	F	147JE6232	91			75	104	0.18	44	0.09	23	411	383	318	319
G	SANDCREEKS CRAZE SPARTY-ET	840003151934279	99K	100	F	29JE4225	91			77	214	0.15	43	0.07	22	437	414	362	330
G	FOREST GLEN CRAZE TRIPP-ET	USA 067650436	99K	100	F	29JE4213	91			77	297	0.17	50	0.05	21	389	368	324	309
G	VICTORY CRAZE SRIXON (6)	USA 173393305	99K	100	F	7JE1750	91			77	399	0.10	40	0.02	19	381	368	341	310
G	JX SEXING CRAZE QUICKSTEP (5)-ET	840003203845428	99K	100	F	551JE1759	91			76	164	0.17	44	0.03	13	371	357	326	319
G	JX FARIA BROTHERS TOBASCO (4)-ET	840003144724629	99K	100	F	97JE189	90			77	0	0.16	34	0.08	17	345	314	249	273
G	JX FARIA BROTHERS ALTASMARK (4)	840003140371373	99K	100	F	11JE1350	89			77	849	0.03	48	0.05	42	360	335	280	272
G	JX AHLEM FRISCO PINE (6)-ET	USA 067823956	99K	100	F	7JE1699	89			77	-118	0.14	24	0.13	23	369	324	229	329
G	JX PINE-TREE ZINC BOSTON 1913 (6)-ET	USA 067771913	99K	100	F	551JE1763	89			73	40	0.15	34	0.09	21	340	303	227	250
G	JX AHLEM BROTHERS JLS DANCER ADIOS	840003138396603	99K	100	C	14JE1790	88			73	955	-0.14	16	-0.05	25	345	352	366	347
G	ROC-BOT STOCKHOLM	USA 067811082	99K	100	F	200JE1238	88			77	444	0.05	32	0.04	24	350	333	296	299
G	PEAK ALTAVICE (6)-ET	840003147839950	99K	100	F	11JE1381	87			77	1194	-0.08	39	-0.01	42	367	355	332	295
G	PINE-TREE DELLA PHILIP 1987-P-ET	USA 067771987	45K	100	F	182JE1041	87			73	828	-0.03	34	0.03	37	381	360	314	278
G	AHLEM BANCROFT CHICAGO 23929	USA 067823929	45K	100	F	100JE7403	87			77	897	-0.10	21	-0.01	31	316	309	295	265
G	ISDK VJ AGERDAL GISLEV GARANT	DNK 000304576	50K	100	F	236JE5002	87			73	-550	0.27	30	0.11	3	310	274	198	315
G	JX FOREST GLEN FRISCO TODD (6)	USA 067650310	99K	100	C	29JE4126	86			77	759	-0.02	33	0.07	43	382	349	277	251
G	PINE-TREE ALTAFULLBLD-ET	USA 067731422	99K	100	F	11JE1352	86			78	565	0.09	46	0.08	39	371	336	260	272
G	KASH-IN FORCEFUL-ET	840003142481765	63K	100	F	551JE1800	86			74	855	-0.03	34	0.00	31	357	345	322	252
G	HILMAR TOPGUN (6)-ET	USA 119875908	99K	100	F	147JE6228	86			78	481	0.00	24	0.04	26	360	339	294	312
G	JX FARIA BROTHERS THANOS (4)-ET	840003149595911	99K	100	F	97JE194	86			73	659	0.01	35	0.00	25	373	362	340	323
G	JX AJ GARNETT GROVER (4)-ET	USA 067443778	99K	100	F	29JE4145	86			76	613	0.07	44	0.01	25	393	384	363	334
G	ISDK VJ JUULSGAARD KLOV KLIBER	DNK 000304667	50K	100	F	236JE4667	86			73	-421	0.22	26	0.11	8	262	224	145	276
G	JX CO-OP WC MR CHAVEZ (4)-P-ET	840003146960075	99K	100	F	1JE5000	85			77	-113	0.20	37	0.10	17	378	345	273	305
G	JX PINE-TREE CRAYON (4)-ET	USA 067771986	99K	100	F	200JE1237	85			76	454	0.09	41	-0.01	14	392	391	389	344
G	KASH-IN CRAZE SPIKE-ET	840003201336384	63K	100	F	551JE1776	85			76	-428	0.29	39	0.09	4	405	375	310	341
G	JX FARIA BROTHERS COUTINHO (4)-ET	840003140305996	99K	100	F	551JE1711	84			77	122	0.22	52	0.07	20	431	402	340	299
G	JX PEAK ALTAMAHOMES (4)-ET	840003200824201	99K	100	F	11JE7082	82			76	1041	-0.05	39	0.02	43	370	352	313	287
G	JX CAL-MART COTTAGE (5)-ET	USA 067374614	99K	100	F	29JE4118	82			77	-27	0.18	36	0.11	22	367	328	244	277
G	JX SHOT OF NAT ALVIN (4)-ET	USA 067801269	99K	100	F	29JE4182	82			77	24	0.01	4	0.02	6	299	285	259	263
G	JX SEXING DAYBREAK CHICO (6)-ET	840003132349950	99K	100	F	551JE1668	81			77	718	-0.08	17	0.03	34	288	268	224	209
G	JX FARIA BROTHERS LEWANDOWSKI (4)-ET	840003140305997	99K	100	F	551JE1712	81			77	564	0.08	44	0.03	28	398	380	340	255
G	JX SANDCREEKS D STEVENS PARAGUAY	840003144012326	45K	100	F	566JE105	81			77	430	0.04	29	0.04	24	359	338	294	280
G	VERJATIN INNOVATION-ET	CAN 120009244	45K	100	F	97JE207	81			74	754	-0.02	31	-0.03	20	323	323	327	268
G	PINE-TREE DISCO BUBBA-ET	USA 067771710	99K	100	F	551JE1723	81			77	-138	0.06	7	0.05	5	295	276	237	284
G	JX SEXING WORLD CUP PHOENIX (4)-ET	840003146616931	99K	100	F	551JE1749	80			77	73	0.10	25	0.10	23	347	310	233	252
G	PRIMUM CHANGEUP HITTER-ET	840003146582161	99K	100	F	14JE1729	80			78	117	0.09	25	0.07	20	325	295	232	269
G	YOSEMITE KW MASTERS DEGREE-ET	840003131274413	45K	100	F	100JE7398	80			77	63	0.12	28	0.05	14	293	270	223	309
G	DULET DOMINGO	CAN 111585453	58K	100	F	250JE1803	78			74	-182	0.23	39	0.14	22	357	314	219	274
G	JX SEXING CRAZE ORANGE (5)-ET	840003203845437	99K	100	F	551JE1750	78			76	-130	0.20	36	0.06	7	355	337	297	329
G	JX FARIA BROTHERS MAHREZ (5)-ET	840003144724308	99K	100	F	551JE1737	77			77	305	0.04	23	0.06	25	306	277	217	235
G	SUNSET CANYON DESMOND	USA 173345302	45K	100	F	100JE7415	77			75	-117	0.27	51	0.11	20	391	352	266	270
G	JX CO-OP JODECI MEEKO (4)-P-ET	840003146960089	99K	100	F	1JE5014	77			77	142	0.09	26	0.05	16	333	312	268	253
G	ISGB GRAHAMS GOLDTOP-ET	GBR 178402906	63K	100	F	522JE1727	77			77	-98	0.23	43	0.09	15	295	266	202	287
G	JX FARIA BROTHERS ALTAZIZIC (4)	840003140371297	99K	100	F	11JE1348	76			77	761	0.08	54	0.03	35	339	316	268	247
G	PRIMUM VICEROY FOLEY-ET	840003200533645	58K	100	F	250JE1807	76			76	365	0.11	42	0.05	24	385	367	325	334
G	JX OAK LANE WHODAT (4)-P-ET	USA 067742198	99K	100	C	97JE178	76			77	258	0.05	23	0.04	18	340	324	289	274
G	ISDK VJ SOLBAKKEN HALEY HIRTS	DNK 000304552	50K	100	F	236JE4552	76			72	-1363	0.48	30	0.24	-2	331	266	126	299
G	ISDK VJ GAMMELGAARD PEREZ PELE	DNK 000304550	50K	100	F	236JE4550	75			73	-454	0.38	58	0.15	15	319	270	164	238
G	JX FARIA BROTHERS ZACH LOWE (5)-ET	840003144724385	99K	100	F	29JE4136	75			77	-370	0.26	36	0.11	9	295	259	182	250
G	JX PINE-TREE DISCO CHAPEL HILLBILLY (4)-	USA 067771846	99K	100	F	551JE1746	74			77	481	-0.02	19	0.02	22	292	279	251	243
G	RIVER VALLEY MAC MOVER-ET	USA 075341176	99K	100	F	200JE10033	74			77	-106	0.21	39	0.08	14	355	326	263	268
G	ISDK VJ ENGBJERG HAZARD HERO	DNK 000304419	50K	100	C	236JE259	74			73	-318	0.30	47	0.11	11	296	259	180	260
G	JX PINE-TREE ENZO DAVE (4)-ET	USA 067771879	99K	100	F	551JE1756	73			74	846	-0.08	24	-0.02	26	303	300	296	236
G	GOLDEN DREAM SLUGGER CUBSWIN-PP	USA 173083516	99K	100	F	551JE1741	72			75	-116	0.25	47	0.13	24	345	301	204	249
G	ISDK VJ OUTRUP KLOV KLINK	DNK 000304666	50K	100	F	236JE4666	72			72	-354	0.12	9	0.08	4	194	165	105	238
G	JX JER-Z-BOYZ KELVIN (4)-P-ET	USA 173269589	99K	100	F	515JE1	71			77	445	0.02	26	0.01	19	306	296	274	257
G	JX PEAK VCERY MIXUP (4)-ET	840003149335212	99K	100	F	1JE7022	70			75	1250	-0.09	41	-0.03	39	313	311	308	237
G	SUN VALLEY MARCIN JERONIMO-ET	USA 119873803	99K	100	F	14JE1626	70			78	842	-0.04	33	0.04	39	372	349	300	269
G	AHLEM CRAZE DOC 24061-ET	84																	

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

SCS	PL	LIV	DPR				CCR	HCR	EFI	Type	Type	Type	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP	RTP	JUI
			REL	REL	REL	Hrds				Daus	REL	RV																SV		
2.94	4.2	1.0	0.7	69	1.9	1.5	8.5	0	0	78	1.4	0.1	-0.3	1.7	H0.6	-0.1	S0.9	L0.5	0.6	1.7	1.5	0.7	S0.5	C0.1	L1.4	C0.7	B0.7	7.4		
2.95	4.0	1.8	0.0	65	0.3	1.7	8.8	0	0	76	0.8	0.5	0.8	1.2	H1.2	0.9	P0.1	S0.6	0.8	0.2	1.0	-0.3	D0.7	C0.3	L0.4	C0.6	B0.3	0.1		
2.91	4.2	1.3	-0.1	62	-0.8	0.9	6.6	0	0	74	1.4	1.3	0.3	1.3	H0.4	0.7	P0.2	S0.7	1.9	2.0	1.1	0.0	S1.5	W0.3	L0.5	C0.5	B0.7	12.4		
2.89	1.9	-0.8	2.5	53	3.6	0.6	2.8	0	0	67	-0.6	0.1	1.0	-0.1	H1.5	0.6	P0.8	S1.0	1.0	-0.5	-0.1	0.0	S1.0	C0.7	S0.9	W1.0	C0.3	1.8		
2.88	3.3	0.3	-1.1	64	-0.7	2.5	8.0	0	0	75	1.0	0.2	1.1	1.0	H1.5	0.5	P0.8	S1.0	1.4	0.8	0.9	1.1	D0.4	C0.8	L1.0	C0.6	B0.2	4.1		
3.05	4.0	0.5	2.5	69	3.1	2.9	7.9	0	0	78	0.4	0.0	0.5	1.0	H0.3	0.2	S0.3	S0.3	0.2	1.1	0.9	0.5	D0.4	W0.2	L1.0	W0.7	B1.7	4.2		
2.65	2.8	1.1	4.3	59	5.0	4.1	3.8	0	0	71	-1.3	-0.6	-0.6	-1.0	H0.1	-0.4	S0.5	S0.2	-0.5	-1.5	-0.8	-0.7	S1.3	W0.6	S0.6	W0.9	C0.2	-3.5		
2.96	3.2	0.6	-0.8	62	-1.4	1.7	6.9	0	0	74	0.7	2.0	1.1	1.4	L0.5	0.6	S0.9	S0.5	-0.6	0.2	1.2	0.3	D1.2	C0.3	L0.4	C1.0	C0.1	-2.1		
3.00	3.8	0.4	0.8	64	1.6	3.4	5.5	0	0	76	1.1	1.6	1.3	0.5	H0.3	1.6	0.0	S0.8	3.0	1.2	0.4	-0.2	S2.3	C0.5	L1.0	0.0	C0.8	10.3		
2.93	1.4	-1.0	3.6	57	4.1	1.0	3.7	0	0	70	-0.8	1.7	0.4	-0.3	0.0	0.6	P0.6	S0.7	-0.2	-0.6	-0.2	-0.5	S1.7	W1.0	L0.1	W1.0	C0.5	-0.7		
2.88	4.3	1.4	1.5	68	2.1	1.6	7.8	0	0	78	1.5	0.3	-0.5	0.7	L0.2	-0.5	S0.1	S0.5	1.8	1.9	0.6	0.8	S2.3	C1.0	L1.2	C0.7	B0.7	13.4		
3.04	2.2	-3.1	-1.0	67	0.2	4.5	7.9	0	0	78	0.9	-1.2	-0.1	1.1	H1.3	-0.3	P1.0	S0.8	0.5	0.5	0.9	0.5	D0.7	C0.9	L0.3	C0.2	B0.6	2.1		
3.17	2.9	0.9	-1.3	66	-0.1	1.9	8.5	0	0	77	1.6	0.1	-0.5	1.7	L0.2	0.0	P0.8	S0.1	2.0	2.7	1.5	1.1	S1.6	C0.4	L0.1	W0.6	C0.3	13.8		
3.09	4.3	0.7	-1.6	70	-0.8	0.9	9.8	0	0	79	2.1	0.3	-0.2	1.5	0.0	0.3	P1.1	S0.4	2.8	3.2	1.3	0.9	S2.5	C0.4	L1.2	C0.9	0.0	18.2		
2.94	2.6	0.3	-0.8	70	-0.2	1.0	9.5	0	0	79	1.3	0.9	-0.4	1.8	H0.4	0.2	S0.5	L0.4	0.2	1.3	1.6	1.5	S0.5	W0.1	L1.6	C0.5	B0.3	5.0		
2.93	2.6	1.7	-0.7	69	-0.7	-0.3	8.5	0	0	78	1.4	0.3	-0.8	1.3	H0.5	-0.7	P0.1	S0.3	1.8	2.3	1.1	1.1	S1.8	C0.2	L2.0	C0.3	B0.6	12.6		
2.93	3.2	1.2	0.5	68	0.5	-1.3	7.6	0	0	78	1.4	-0.3	-0.5	0.7	H0.3	-0.2	S0.1	0.0	1.6	1.7	0.6	1.1	S1.1	C0.2	L1.4	C1.6	B0.4	10.1		
2.84	3.3	0.2	-0.1	69	0.0	2.5	6.8	0	0	77	0.3	-1.4	-0.6	-0.3	H0.8	-0.5	P0.7	S0.7	1.8	0.0	-0.3	0.2	S1.6	C0.2	0.0	W0.6	C0.3	4.9		
3.09	1.5	-3.4	-1.6	71	-1.3	0.2	8.4	0	0	78	1.0	0.7	0.0	1.4	L0.8	-0.4	P0.4	L0.1	0.5	1.6	1.2	-0.1	S0.4	W0.5	L0.6	W0.3	C0.2	5.3		
2.93	4.0	-1.6	1.6	70	2.1	3.8	10.0	0	0	79	1.1	2.5	0.7	0.4	H0.6	1.1	P0.4	S1.3	2.8	1.1	0.3	0.7	S3.2	C0.9	L0.6	W0.5	C0.1	12.8		
2.79	2.6	1.0	-0.4	65	-0.4	0.3	8.8	0	0	76	0.5	0.8	-0.4	0.5	H0.1	-0.5	S0.8	L0.4	0.6	0.6	0.5	-0.2	S1.1	W0.7	L0.7	C0.2	B0.2	4.3		
3.04	5.7	2.5	2.4	64	3.1	2.8	8.0	0	0	75	1.3	2.0	1.5	0.7	L0.3	1.2	S0.2	S1.0	1.6	1.1	0.6	0.9	S1.0	C0.6	L0.4	C0.1	C0.5	7.0		
3.01	3.2	0.6	0.2	70	0.9	1.4	9.3	0	0	79	1.3	1.3	-0.2	0.9	L0.3	-0.1	P0.1	0.0	1.2	1.7	0.8	0.8	S1.3	C0.3	L0.8	C0.3	B0.3	9.5		
2.96	2.7	-0.1	-0.9	67	0.6	3.0	7.9	0	0	78	0.6	1.1	1.4	0.2	0.0	1.4	P0.4	S0.8	1.1	0.1	0.2	-0.5	S0.1	C0.6	L1.0	C0.2	B0.2	1.6		
2.92	3.2	0.5	-1.5	65	-0.5	0.1	9.6	0	0	76	0.9	2.0	0.8	1.1	L0.4	1.1	S0.3	S0.7	1.6	1.2	1.0	0.1	S1.1	W0.1	S0.3	0.0	C0.4	7.8		
3.01	1.8	0.1	-1.1	69	-0.4	1.2	10.7	0	0	79	2.0	-0.5	-0.8	1.6	L0.2	-0.6	P0.4	S0.4	2.3	2.9	1.4	0.4	S1.7	C1.1	S0.3	C1.4	B0.7	17.8		
2.77	2.6	-0.1	2.9	58	3.3	3.1	3.8	0	0	71	0.1	0.8	-0.2	-0.4	L0.4	0.2	P0.1	S0.5	0.8	0.1	-0.3	0.0	S3.3	C0.1	S0.9	W1.0	C0.3	7.4		
2.99	3.8	-1.5	-2.1	67	-2.3	0.1	8.1	0	0	78	0.7	-0.2	0.2	-0.2	H1.1	0.2	P1.0	S0.8	2.5	0.8	-0.1	-0.1	S2.0	C0.9	L0.4	W0.4	B0.1	9.5		
3.05	2.0	-0.5	-1.0	69	-0.2	0.7	8.9	0	0	79	0.2	0.4	1.0	0.7	L0.3	0.7	S0.3	L0.3	-0.1	0.9	0.6	0.6	D0.8	W1.0	S0.5	W1.1	C0.2	0.7		
2.85	3.5	0.4	-1.9	66	-1.8	0.1	9.4	0	0	76	1.3	0.2	0.0	1.1	H0.1	-0.3	S0.5	S0.2	1.0	1.3	1.0	1.8	S1.1	C0.7	L0.5	C0.3	C0.1	7.8		
2.89	3.3	0.8	0.4	70	1.3	1.9	9.5	0	0	79	1.1	1.6	0.4	0.7	H0.2	0.8	P1.2	S1.8	2.2	1.0	0.6	0.2	S2.1	C0.8	L0.1	C0.5	B0.7	11.6		
2.88	3.8	-0.2	0.3	64	0.2	1.9	7.8	0	0	75	1.4	2.2	1.2	1.5	H0.3	1.1	P0.6	S1.1	1.6	1.3	1.3	1.5	S1.0	C0.9	L0.9	C0.3	C0.4	7.7		
3.08	3.2	-0.1	-0.3	65	-0.2	0.0	7.4	0	0	77	1.2	0.3	0.6	1.6	H0.8	0.5	P1.1	S1.4	2.0	1.6	1.3	0.5	S0.2	C1.4	L1.3	C0.9	B0.4	8.6		
2.78	2.1	0.7	3.5	56	4.0	2.9	3.5	0	0	70	-1.1	-0.9	-0.1	-1.0	L1.5	-0.4	S0.4	L0.2	-1.1	-0.9	-0.8	-1.1	D0.1	W1.5	S1.3	W0.9	C0.3	-5.0		
3.00	3.6	2.3	0.5	69	0.1	2.3	7.9	0	0	78	0.7	1.1	0.3	1.5	H1.1	0.7	S0.7	S0.6	0.5	0.7	1.3	0.6	D0.4	C1.0	L0.5	C0.9	B0.6	3.6		
2.97	3.9	2.3	0.2	69	0.6	1.4	7.9	0	0	77	1.7	1.8	0.8	1.4	H0.7	1.1	P0.4	S1.0	2.3	1.4	1.2	1.2	S2.5	C0.5	L1.8	C0.8	B0.1	11.8		
2.84	4.3	0.7	0.6	69	0.6	-0.1	8.5	0	0	78	1.7	1.5	0.0	0.9	H0.7	0.5	P0.7	S1.3	3.2	2.0	0.8	0.8	S3.7	C0.5	L1.4	C0.6	B0.1	17.1		
2.87	4.0	1.0	-1.7	65	-2.1	-1.4	5.7	0	0	76	0.8	0.2	0.3	0.2	H1.1	0.6	P0.9	S1.2	1.9	0.8	0.2	-0.1	S2.5	W0.1	L1.4	W0.3	B0.2	8.6		
3.08	2.6	-1.2	-1.1	67	-0.6	0.8	7.4	0	0	77	1.1	1.7	0.9	1.0	L0.1	1.1	S0.1	S1.0	1.6	0.6	0.9	0.2	S1.5	C1.0	L0.3	W0.2	C0.5	6.2		
2.88	3.3	-1.2	-0.7	67	-0.1	1.6	7.5	0	0	78	0.9	0.8	0.4	0.4	H1.0	0.7	P0.7	S0.8	2.7	1.3	0.4	0.0	S2.5	C0.2	L1.0	W0.1	B0.2	11.9		
2.76	6.0	2.3	1.3	70	1.2	2.9	8.2	0	0	77	1.5	1.0	0.3	0.7	L0.1	0.1	0.0	S0.7	2.9	1.2	0.6	0.8	S3.1	C1.5	S0.8	C0.6	C0.6	14.4		
2.99	3.1	0.0	-1.0	70	-0.8	1.1	9.8	1	1	79	0.3	-1.5	-0.9	0.5	0.0	-1.1	P0.5	0.0	-0.2	0.5	0.4	0.3	S0.4	W0.9	S0.2	W0.7	B0.2	2.0		
2.99	3.9	-0.2	-3.2	66	-3.2	-1.1	6.8	0	0	77	1.2	-0.4	-0.5	1.1	H0.9	-0.3	P0.5	S0.7	2.0	1.9	1.0	-0.2	S2.5	W0.4	L1.7	W0.3	B0.2	11.8		
2.85	3.5	-1.4	-1.0	67	-1.0	0.8	8.4	0	0	77	0.9	-0.1	0.3	0.3	H1.7	0.5	P2.0	S1.8	3.5	2.0	0.2	-0.7	S2.8	W1.4	L1.6	W1.2	B0.8	14.7		
2.81	3.9	-0.9	-0.8	66	-0.3	2.5	10.3	0	0	76	1.7	1.4	0.1	1.2	H0.2	0.5	P0.1	S0.3	2.5	1.8	1.0	0.6	S2.2	C1.4	S0.6	C0.1	C0.9	13.1		
2.79	4.9	1.5	2.3	70	2.1	0.6	9.0	0	0	78	1.3	0.4	0.1	0.5	H1.3	0.3	P0.4	S0.7	3.8	1.1	0.5	0.6	S3.4	C1.6	S1.0	C0.3	C0.9	15.5		
2.86	4.1	0.7	-0.5	70	-0.3	2.0	9.0	0	0	78	1.4	1.2	0.8	0.7	H0.5	0.4	P0.2	S0.9	1.7	0.9	0.6	0.6	S0.7	C1.3	L1.0	C1.4	B0.4	7.5		
2.84	3.0	-0.4	0.1	69	0.5	3.2	9.4	0	0	79	1.0	0.1	0.1	0.9	H0.5	0.2	P0.9	S1.3	1.3	0.8	0.8	0.1	S0.2	C0.6	0.0	W0.8	C1.4	2.5		
2.84	1.3	-2.1	2.1	68	2.9	1.0	8.5	0	0	78	1.3	1.4	-0.4	1.3	H0.5	0.9	P0.7	S0.7	2.1	1.7	1.1	0.6	S1.8	C0.3	L0.3	C0.9	C0.3	11.7		
3.05	2.1	0.4	-0.1	65	-0.2	-0.1	9.2	0	0	76	1.0	0.2	-0.1	0.7	H0.6	0.1	0.0	S0.7	1.2	0.6	0.6	0.5	S0.6	C1.5	L0.1	C0.6	C0.9	4.2		
2.97	2.7	1.7	1.4	69	1.3	-0.9	7.9	0	0	78	1.3	0.6	-0.1	0.6	H1.4	0.6	P1.1	S1.3	2.8	1.4	0.5	0.9	S2.4	C0.4	L2.1	C1.6	B0.4	12.7		
2.86	2.8	1.9	0.																											

# Herd Register or Generation Count 4-6 and BBR 100: Genomic Tested (G) Bulls by JPI August 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	ISDK VJ KROGAARD QUINTANA QUIT	DNK 000304653	50K	100	F	236JE4653	63			73	-1012	0.35	22	0.16	-5	229	186	94	234
G	SUNSET CANYON BREXIT	USA 173435265	45K	100	F	100JE7418	63			78	-812	0.21	4	0.09	-11	277	252	199	281
G	VERJATIN MOONSHINE-ET	CAN 110974992	45K	100	F	182JE1026	62			74	751	-0.02	31	0.01	30	302	293	272	240
G	JX ALL LYNN'S HARRIS VALI (5)	USA 172966184	45K	100	C	321JE101	61			76	961	-0.01	44	0.04	44	274	247	190	126
G	JX PVF WORLD CUP ZANDER (5)	USA 172565169	99K	100	F	97JE173	61			76	-486	0.19	17	0.11	6	251	215	137	203
G	SUNSET CANYON BERLIN-ET	USA 173345263	99K	100	F	100JE7414	61			78	-764	0.35	35	0.16	5	324	280	183	252
G	AHLEM WHISTLER-ET	USA 067823718	99K	100	F	777JE1140	59			77	528	-0.03	20	-0.02	15	277	276	276	237
G	VERJATIN LEVINE-ET	CAN 110975012	63K	100	F	551JE1784	58			74	-226	0.14	19	0.05	2	252	234	196	202
G	AHLEM KWYNN CHINOCK 23485	USA 067823485	99K	100	F	551JE1700	57			78	-430	0.14	9	0.09	3	227	197	134	189
G	JX TLJ NXLEVEL BUSTER (5)	USA 067300610	29K	100	F	100JE7399	56			76	619	0.00	30	0.02	27	254	244	221	217
G	JX FARIA BROTHERS PINSON (5)-ET	840003132351602	29K	100	F	551JE1690	56			77	270	0.04	22	0.07	24	280	251	190	187
G	GOLDEN DREAM AMERICAN PHAROAH-P	USA 172553124	45K	100	F	566JE106	56			76	17	-0.06	-11	0.03	6	179	169	148	217
G	PINE-TREE DISCO BENJI-ET	USA 067771867	99K	100	F	551JE1755	56			77	-391	0.15	13	0.08	3	232	205	146	191
G	SOUTH MOUNTAIN CANDYMAN-ET	840003141003008	99K	100	F	250JE1793	55			77	279	-0.05	3	0.01	12	206	195	176	166
G	RIVER VALLEY NBRAZIL SAXXON-P-ET	840003133234518	29K	100	F	202JE604	53			76	690	-0.05	23	0.00	25	241	229	208	152
G	JX SEXING GFRAPP GOLDEN (4)-P-ET	840003010364640	13K	100	C	551JE1653	51			79	311	-0.04	7	0.04	21	171	154	116	111
G	AHLEM ROCKWELL	840003202630990	99K	100	F	94JE4198	50			78	-338	0.17	20	0.06	1	237	218	176	217
G	JER-Z-BOYZ DOMINATOR KNOCK-OUT-ET	USA 173567418	9K	100	F	147JE6231	48			75	494	0.11	48	0.02	22	274	266	246	194
G	DUTCH HOLLOW OSCAR-P-ET	840003148600877	45K	100	F	566JE108	47			78	-444	0.26	33	0.05	-5	268	253	220	231
G	AUDIBEL JARVIS-ET	CAN 110768703	99K	100	F	551JE1721	45			77	116	0.11	30	0.06	18	238	215	164	178
G	PINE-TREE KWYNN CUATRO-ET	USA 067731388	29K	100	F	566JE104	43			77	-460	0.14	7	0.09	2	180	152	92	152
G	TATE BENEFACOR SAVIOR-ET	840003006436157	29K	100	F	147JE6227	42			77	1028	-0.13	21	-0.05	27	187	190	198	161
G	JX SR STERLING MATTER (6)-PP	USA 173156928	99K	100	F	97JE181	41			77	600	0.00	30	0.01	25	191	178	151	67
G	JX FARIA BROTHERS CAVANI (4)-ET	840003140306014	99K	100	C	551JE1714	41			77	-91	0.17	32	0.07	12	237	213	161	149
G	COVINGTON MAID OF MAGIC-P	840003202129242	45K	100	F	54JE886	41			74	25	0.04	9	0.01	2	179	173	162	125
G	SEXING LEMONHEAD DOYLE-ET	840003132348057	99K	100	F	551JE1698	38			77	58	-0.05	-8	0.00	2	158	156	152	150
G	AUDIBEL DISCO JOLIN-ET	CAN 110644858	99K	100	F	250JE1778	38			77	-396	0.02	-15	0.02	-10	157	152	142	180
G	VERJATIN OCTOBERFEST	CAN 110768710	45K	100	F	182JE1013	36			76	-23	0.00	-2	0.02	3	151	143	127	119
G	JX SEXING WALTER CRANSTON 60790 (5)	840003010364537	50K	100	F	551JE1642	33			78	83	0.16	38	0.08	20	215	185	120	110
G	RIVER VALLEY CECE CHOICE	840003133234718	99K	100	F	200JE10027	32			77	325	0.00	15	-0.02	7	196	198	205	117
G	ISGB GRAHAMS GOLD-P-ET	GBR 178302905	63K	100	F	522JE1726	27			77	-406	0.16	13	0.05	-4	82	66	33	94
G	ST-LO PRESTO-ET	CAN 110150638	99K	100	F	97JE187	21			77	-770	0.11	-14	0.02	-25	140	137	136	148
G	VERJATIN DAYLIGHT	CAN 110356901	99K	100	F	551JE1718	19			74	-96	0.10	16	0.05	7	134	118	82	65
G	DEU RC SOL-PP	DEU 539873046	6K	100	F	624JE8001	18			74	121	0.03	13	0.05	15	91	71	29	53
G	BW VALENCIA-ET	840003126536268	13K	100	F	551JE1657	17			78	19	0.04	10	0.01	2	116	115	112	47
G	ROSE CALLENBERG CRYSTAL-P-ET	DEU 539873090	6K	100	F	202JE607	16			75	152	-0.02	2	-0.01	4	74	73	72	66
G	DEU SAMOA-P	DEU 360706147	6K	100	F	265JE6147	12			70	356	0.04	26	0.00	12	121	120	117	33
G	DUTCH HOLLOW SANTANA CASE-PP-ET	840003131737417	29K	100	F	54JE636	9			81	523	-0.10	3	-0.01	17	71	70	67	-9
G	ISAU LEMANS	AUS A00724347	13K	100	F	187JE5369	7			76	-379	0.13	8	0.00	-13	66	68	71	69
G	SPRUCE-H CHRIS-PP-ET	USA 067106207	8K	100	C	202JE602	6			77	-428	0.16	12	0.02	-11	59	57	52	11
G	KASH-IN RECKLESS-ET	840003201335576	58K	100	F	7JE1808	4			77	-853	0.15	-10	0.02	-28	84	88	96	90
G	LAMARIA WILBERT-ET	CAN 109960092	99K	100	F	551JE1693	1			76	81	0.01	5	-0.02	-2	90	96	109	62
G	MR MILKSOURCE DAZZLER MATADOR-ET	840003130262082	63K	100	F	551JE1790	-3			77	-808	0.03	-33	0.02	-25	-25	-26	-28	29
G	SEXING KWYNN FURIOUS-ET	840003132351476	99K	100	F	551JE1716	-20			77	-892	0.09	-24	0.03	-27	-67	-70	-76	-37
G	ST-LO BARCELONA POLLEN	CAN 110150613	99K	100	C	551JE1720	-23			75	-342	0.06	-5	0.03	-6	-23	-29	-44	-49
G	LOST-BROOKE HG LONESTAR	840003146779779	99K	100	F	94JE4161	-27			77	-1229	0.20	-20	0.04	-37	-53	-53	-53	-8
G	AUDIBEL NOTEBOOK-ET	CAN 110059221	99K	100	F	551JE1694	-38			74	-584	-0.01	-31	0.03	-16	-101	-100	-99	-51
G	MILKSOURCE-FV METALLICA	840003205612556	99K	100	F	94JE4236	-45			74	-1201	0.22	-13	0.10	-23	-72	-89	-129	-46
G	MM VICTORIOUS FRANK-ET	840003201335580	63K	100	F	551JE1775	-67			76	-1393	0.17	-33	0.09	-34	-185	-198	-226	-190
G	KCJF HIRED MAGICIAN	840003138865447	99K	100	F	7JE1705	-72			77	-2094	0.25	-54	0.09	-60	-263	-266	-273	-131
G	SUNSET CANYON ACHILLES-ET	USA 173125047	45K	100	C	100JE7405	-81			77	-1331	0.15	-35	0.09	-31	-220	-233	-263	-196
G	TRIPLE-T-CF MR SWAGGER-ET	840003128791561	99K	100	F	7JE1605	-92			78	-2319	0.34	-47	0.17	-53	-254	-276	-328	-217
G	KIMBALL-WAY VENETIAN	840003145690547	99K	100	F	94JE4114	-116			76	-1848	0.19	-53	0.06	-56	-351	-344	-336	-252
G	MR KATHIES KID ROCK	840003128791587	63K	100	F	551JE1772	-143			76	-1715	0.06	-72	0.00	-63	-480	-457	-410	-358
G	VIERRA MANILOW-ET	840003200644132	99K	100	F	200JE1229	-147			76	-1672	0.10	-61	0.03	-56	-449	-435	-409	-385

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SCS	PL	LIV	DPR	DPR				Type	Type	Type	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP	RTP	JUI
				REL	CCR	HCR	EFI	Hrds	Daus	REL																		
2.90	2.1	1.8	3.2	57	3.9	1.9	3.5	0	0	70	-0.6	-0.4	-0.1	-1.3	L0.3	-0.1	S0.4	L0.2	0.7	-0.2	-1.1	0.0	S1.7	W0.1	L1.2	W0.8	C0.3	1.4
2.82	5.0	1.8	2.7	69	2.4	3.1	8.8	0	0	79	1.4	1.1	-0.4	1.1	H0.8	0.6	P1.2	S1.7	2.8	1.5	0.9	1.7	S3.6	C2.1	S0.8	C1.2	C0.5	17.0
3.18	1.8	-1.0	-1.3	64	-1.3	1.7	8.6	0	0	75	1.3	2.3	0.5	1.8	0.0	0.7	P0.6	S1.0	1.7	1.9	1.5	0.2	S1.6	C1.2	L0.1	C0.4	C0.2	11.5
2.89	-0.4	-4.5	-4.8	67	-4.8	-0.7	8.4	0	0	78	0.7	-0.5	-0.1	0.8	H0.6	-0.5	P0.5	0.0	1.4	1.1	0.7	-0.1	S1.0	W0.1	L0.1	W0.6	B0.4	7.4
2.83	2.8	0.8	0.8	68	0.7	1.9	7.6	0	0	78	0.6	-0.3	0.4	-0.3	H2.0	0.6	P0.9	S0.9	2.0	0.2	-0.2	0.2	S1.3	C0.9	L0.7	C0.7	B0.8	7.1
3.04	2.1	1.0	-0.1	69	0.1	1.4	7.8	0	0	78	0.8	-0.1	-0.1	0.8	H1.2	0.6	P1.2	S1.1	2.0	1.1	0.7	1.2	S2.0	C0.9	L1.1	C0.9	B0.5	10.8
2.89	4.0	-0.2	-0.2	69	0.1	3.1	9.5	0	0	79	1.7	2.0	1.0	0.8	H0.8	1.7	P0.6	S1.3	3.4	1.6	0.7	0.7	S2.5	C1.8	L0.3	C1.2	B0.3	15.9
2.78	2.9	0.9	-0.1	65	-0.1	1.5	9.6	0	0	76	1.7	2.0	0.0	0.9	L0.1	0.8	0.0	S0.3	2.3	1.3	0.8	1.1	S3.7	C2.5	S1.3	C0.4	C0.6	15.7
2.77	3.1	0.5	0.7	70	1.2	1.4	9.9	0	0	80	1.3	1.3	0.3	0.7	H0.5	0.8	P0.8	S0.6	2.3	0.7	0.6	0.3	S3.2	C1.3	S1.9	C0.9	C0.4	13.5
3.21	1.0	-0.1	-0.2	67	0.1	1.1	8.3	0	0	78	0.7	2.4	0.6	1.1	L1.9	0.5	P0.6	S0.3	-0.1	1.1	0.9	0.0	S0.9	W0.2	L0.1	W1.0	0.0	4.2
2.84	3.2	-0.2	-1.1	67	-0.1	0.5	7.3	0	0	77	0.4	3.6	1.0	-0.6	L0.4	1.3	P0.7	S1.1	2.3	0.5	-0.5	-0.7	S3.2	W1.5	L1.0	W0.8	C0.2	8.5
2.94	3.7	2.9	3.4	69	3.8	2.6	8.8	0	0	79	0.6	0.1	0.5	-0.3	H0.7	0.8	P0.8	S0.5	1.7	0.9	-0.2	0.0	S1.5	0.0	L0.2	W0.2	0.0	7.6
2.80	3.1	1.5	0.9	70	0.8	1.3	8.7	0	0	78	1.0	0.8	0.3	0.3	H0.8	0.8	S0.3	S0.3	2.8	0.2	0.3	0.4	S2.4	C1.7	S0.6	C0.3	C0.9	9.1
2.80	3.3	-0.8	-0.2	69	-0.3	0.1	9.0	0	0	78	1.7	1.0	-0.1	1.3	H0.2	0.1	P0.6	S0.4	2.5	1.9	1.1	1.3	S3.0	C2.5	S0.9	C2.0	B0.8	19.1
2.80	1.3	-0.3	-2.3	68	-2.3	0.2	9.1	0	0	78	1.0	1.5	-0.2	1.2	H0.3	0.5	0.0	S0.3	1.5	1.3	1.1	-0.6	S1.0	W0.4	L1.0	W0.3	C0.4	6.1
3.10	2.4	0.5	-0.5	68	-1.2	-0.3	7.9	1	4	79	0.9	-1.6	-0.7	0.2	L1.1	-1.0	S0.2	L1.1	-1.0	1.5	0.2	1.7	D0.5	C1.7	L0.1	C1.8	B1.9	6.7
2.91	2.1	0.5	0.8	71	0.8	1.6	8.8	0	0	79	1.4	1.5	0.1	1.2	H1.2	0.9	P0.6	S0.8	2.5	1.2	1.0	1.0	S2.8	C1.8	L0.4	C1.5	B0.9	15.0
3.17	0.5	-2.2	-2.2	66	-3.0	-1.5	8.5	0	0	76	1.5	0.8	0.1	2.5	L0.1	0.1	S0.7	S0.3	0.7	1.7	2.1	0.8	S0.5	C1.7	L1.2	C0.5	B0.3	7.6
2.90	1.8	0.4	0.1	71	-0.2	-0.6	8.3	0	0	79	1.7	1.3	0.6	0.9	H0.9	1.0	P0.8	S1.1	2.7	2.9	0.8	1.7	S2.7	C0.7	L1.8	C1.3	B1.0	18.9
3.01	0.9	0.0	-0.4	68	-1.2	-0.9	8.3	0	0	77	0.8	0.3	1.0	1.4	H0.7	0.8	S0.2	S0.5	-0.2	1.2	1.2	0.9	D1.3	W0.4	L0.3	W0.2	B0.2	1.2
2.86	2.4	0.4	0.9	69	1.0	1.2	8.6	0	0	78	1.3	0.9	0.7	0.2	H0.4	1.1	S0.1	S0.4	2.9	1.0	0.2	0.8	S2.8	C1.7	S1.6	W0.1	C0.3	14.0
2.84	0.6	-1.4	-0.6	69	0.4	-0.6	8.3	0	0	78	0.6	2.3	0.9	1.3	H1.1	1.4	S0.6	S0.8	0.1	0.7	1.1	-0.3	D0.1	W0.6	L1.8	W0.6	B0.5	0.7
2.92	1.5	-2.0	-3.8	69	-3.5	-0.8	8.9	0	0	79	0.3	-0.8	-0.7	0.4	H0.8	-0.5	P0.3	L0.5	0.9	0.1	0.3	-0.8	S0.4	C0.3	S0.2	C0.6	C0.7	1.7
2.99	1.1	0.5	-1.8	68	-1.8	0.7	8.5	0	0	78	0.8	1.1	0.3	1.0	L0.5	0.5	P1.1	S0.5	0.7	0.8	0.9	0.5	S0.7	W0.5	L0.1	W0.7	C0.6	3.6
2.79	2.6	0.8	-1.1	65	-0.8	0.3	8.6	0	0	76	0.9	0.2	-0.4	0.6	H0.7	0.5	S0.2	S0.8	2.5	1.2	0.5	0.0	S3.6	C0.2	S1.0	W0.1	C0.2	14.5
2.90	3.5	0.8	0.7	70	0.6	0.5	10.2	0	0	79	1.7	0.7	-0.4	0.9	H0.4	0.4	P0.8	S1.2	2.8	1.8	0.8	1.2	S2.8	C1.3	L0.4	C0.3	C0.5	14.5
2.89	4.7	3.1	2.6	70	2.3	2.2	8.7	0	0	78	1.3	0.9	0.1	1.2	H1.1	0.4	P1.0	S1.2	2.0	1.1	1.0	0.4	S1.5	C0.3	L0.8	C0.5	C0.6	8.0
2.91	3.0	1.1	0.0	70	-0.5	1.1	9.2	0	0	78	1.1	0.6	-0.1	1.0	L0.3	-0.2	S0.1	S1.2	1.3	0.7	0.9	1.2	S1.4	C1.9	S0.7	C0.9	C0.6	7.8
2.90	-0.3	-3.9	-2.7	71	-4.0	-3.2	8.8	1	1	79	1.2	0.5	0.0	0.9	H0.8	0.5	P1.2	S0.5	2.3	1.6	0.8	-0.3	S1.1	C0.3	L0.9	C0.8	C0.3	9.4
2.90	2.4	-0.7	-2.8	70	-3.1	1.4	9.3	0	0	79	2.1	1.5	0.2	1.1	H0.1	0.3	P1.3	S1.1	4.0	2.6	1.0	0.8	S3.8	C2.4	S0.2	C0.3	B0.5	22.6
2.87	0.4	2.1	1.9	69	1.8	2.3	9.0	0	0	78	-0.5	0.3	0.3	-1.0	L1.4	-0.3	S0.5	L0.5	-1.0	-1.3	-0.8	-1.0	D0.4	W1.1	L0.6	W0.9	C0.9	-9.1
2.73	4.6	2.7	1.6	68	1.9	-0.6	8.7	0	0	78	1.7	3.2	-0.7	0.7	H1.8	1.4	P1.5	S2.1	4.8	1.6	0.6	1.1	S5.9	C1.1	L1.0	C1.2	C0.1	23.0
2.99	0.9	-0.6	-1.8	65	-1.7	-0.1	8.3	0	0	76	0.9	1.3	0.5	0.3	H0.5	0.5	P0.1	S0.5	1.8	1.5	0.3	0.0	S2.3	W0.3	S0.2	W0.2	B0.3	11.8
2.92	-0.6	-1.6	-1.0	62	0.3	1.2	6.0	0	0	73	0.0	2.5	0.8	0.2	H0.9	1.4	S0.1	0.0	1.2	-0.1	0.2	-0.8	S1.8	W1.3	S0.2	C0.2	C0.5	3.8
3.07	2.0	-0.7	-2.3	69	-2.9	-0.9	8.9	0	0	78	1.4	-0.9	-0.5	1.1	H1.2	-0.2	P0.9	L0.3	2.8	1.7	0.9	-0.5	S3.3	C1.4	S1.7	C0.5	C0.7	16.3
2.91	1.5	-1.1	-0.2	65	1.3	1.4	7.2	0	0	74	0.9	1.9	0.8	0.4	H0.7	1.1	P0.2	S0.6	1.9	0.3	0.4	0.7	S2.3	C0.6	S0.1	C0.8	B0.8	10.0
3.05	0.6	-0.1	-2.9	62	-3.0	-0.6	8.8	0	0	73	0.8	2.3	0.2	1.2	L2.2	0.2	S0.7	L0.6	-0.1	0.9	1.0	0.1	S0.3	W0.5	L0.2	0.0	C0.2	2.7
3.04	1.0	-0.3	-2.8	68	-3.2	0.0	9.1	1	4	80	0.8	1.0	0.6	0.4	0.0	-0.6	P0.1	L0.4	0.9	1.4	0.4	0.3	S1.1	W0.5	L1.9	W0.7	B0.2	5.7
2.93	2.0	1.2	0.9	69	1.2	-0.3	8.8	0	0	78	0.3	1.5	0.2	-0.4	L1.1	0.3	P0.2	S0.2	1.4	0.6	-0.4	-0.7	S1.5	W0.4	L0.7	C0.1	C0.8	4.5
3.05	0.9	0.9	-2.0	70	-0.8	0.8	9.8	0	0	78	0.5	-1.3	-0.6	1.6	H1.3	-0.1	S0.6	L0.7	0.4	1.1	1.4	1.3	S0.3	C0.6	S0.5	C1.3	B0.5	7.1
2.98	4.0	1.9	0.5	69	1.7	1.6	8.1	0	0	78	1.7	0.3	-0.4	0.9	H1.5	0.3	P1.6	S1.6	3.4	2.0	0.8	0.7	S3.6	W0.1	L1.9	C0.7	B0.9	17.8
2.92	1.1	0.4	-0.8	67	-1.9	-1.5	9.5	0	0	77	1.1	3.0	0.4	1.0	H0.2	1.2	P1.0	S1.5	2.3	1.4	0.8	0.2	S2.6	C0.3	L0.5	W0.5	C0.3	11.4
2.86	3.8	1.6	2.8	69	3.4	0.3	8.8	0	0	78	0.7	0.1	-0.4	-0.1	H0.5	-0.3	P1.0	S1.0	1.3	0.7	-0.1	0.5	S1.5	C0.6	S0.3	0.0	C0.8	6.2
2.80	1.0	1.2	1.1	69	0.5	1.6	9.0	0	0	79	1.1	0.9	0.5	0.1	H0.9	1.6	P0.6	S0.8	3.7	0.6	0.1	0.5	S3.7	C1.4	S1.9	0.0	C0.8	15.1
3.01	0.5	-1.2	-1.3	65	-0.8	1.4	8.2	0	0	76	0.8	1.9	0.8	0.5	L0.4	0.8	P0.6	S0.9	0.7	0.7	0.4	0.4	S1.2	C0.1	L0.1	C0.5	C0.2	5.4
2.99	2.3	1.3	1.8	69	1.7	1.7	8.4	0	0	79	1.4	2.3	0.4	0.7	H1.2	1.2	P0.2	S0.7	3.4	1.5	0.6	-0.2	S4.0	C1.4	S0.5	C0.5	C0.1	17.7
3.19	1.0	2.0	2.0	65	1.4	0.4	8.5	0	0	76	0.7	1.0	1.1	0.6	H0.7	1.1	P0.8	S0.8	0.9	0.4	0.5	0.6	S0.4	C1.9	S0.9	C0.5	B0.1	5.2
3.18	0.1	-1.1	0.8	57	1.3	1.7	4.2	0	0	74	1.0	2.6	1.2	0.5	H1.0	1.6	P1.4	S1.1	2.7	1.1	0.5	0.4	S2.6	C0.4	L0.6	W0.1	B0.3	12.1
2.99	-0.1	-1.7	-1.4	66	-0.9	0.3	6.5	0	0	78	1.2	1.1	-0.2	0.5	H0.8	0.4	P1.1	S1.4	2.9	1.8	0.4	-0.2	S3.9	C0.3	S0.3	C0.7	B0.5	18.2
3.08	1.5	-0.2	3.9	67	5.6	1.4	5.8	0	0	78	0.9	0.4	-0.6	0.0	H2.0	0.5	P1.6	S1.4	3.0	0.7	0.0	-0.4	S3.5	C0.8	S0.2	C0.3	B0.1	13.5
3.05	-1.5	-2.3	-0.4	68	-1.0	-0.2	7.1	0	0	79	1.1	2.2	0.3	0.7	H1.9	1.3	P1.2	S1.6	3.2	1.6	0.6	0.3	S3.2	C0.7	L1.2	W0.1	B0.6	15.4
3.21	0.1	2.3	1.2																									