Generation Count 3 or GC 4-6 with BBR 93 and Lower: Genomic Tested (G) Bulls by JPI
April 2019

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM$	NM$	FM$	GM$	SCS
G	JX FARIA BROTHERS STACKHOUSE {4}-ET	840003144724626	99K	92	F	1JE1106			71	1457	0.06	83	0.05	63	685	650	577	569	2.84
G	JX FARIA BROTHERS OZUNA {3}-ET	840003149595227	99K	92	F	29JE4138			74	1332	0.10	85	0.06	61	658	619	538	524	2.78
G	JX FARIA BROTHERS ALTABAYNES {3}-ET	840003144724539	99K	92	F	11JE1377			71	1168	0.12	81	0.03	49	658	633	580	564	2.89
G	JX CAL-MART LUKE DANNY {3}-ET	USA 067384595	99K	93	F	29JE4104			75	1410	0.02	71	0.03	56	619	594	542	521	2.87
G	JX FARIA BROTHERS ALTARASHFORD {4}-ET	840003144724346	99K	91	C	11JE1366			76	1320	0.00	62	0.06	61	584	544	461	427	2.75
G	JX FARIA BROTHERS AINGE {4}-ET	840003149595670	99K	90	F	1JE1141			70	682	0.21	76	0.09	43	646	608	525	519	2.90
G	JX PINE-TREE DOX {3}-ET	USA 067671500	99K	100	F	1JE1081			75	626	0.16	62	0.07	36	598	568	503	554	2.87
G	JX FARIA BROTHERS JAYLEN {4}-ET	840003149514416	99K	90	F	507JE1715			71	979	0.14	76	0.07	49	618	584	511	499	2.89
G	JX FARIA BROTHERS KOBE {3}-P-ET	840003140305965	99K	100	F	200JE1142			77	985	0.15	77	0.05	45	623	595	536	501	2.86
G	JX FARIA BROTHERS JAMISON {3}-ET	840003144724503	99K	90	F	1JE1102			70	1525	0.01	75	0.01	56	598	579	540	479	2.90
G	JX FARIA BROTHERS JODECI {3}	840003126051999	99K	100	F	1JE964			76	519	0.21	68	0.11	40	583	544	460	504	3.05
G	JX JER BEL MARLO KENTON {3}-ET	USA 173124457	99K	100	F	7JE1723			76	1367	-0.02	61	-0.01	47	591	580	556	479	2.91
G	JX FARIA BROTHERS FAMILIA {3}-ET	840003126052286	50K	92	C	551JE1699			77	730	0.24	83	0.06	38	637	609	550	497	2.91
G	JX SEXING UNCLE LUKE BERRARA {3}-ET	840003132352830	99K	100	F	551JE1740			76	825	0.11	61	0.02	33	594	578	546	528	2.89
G	JX CLOVER PATCH AVON ENZO {3}	USA 119904055	45K	93	F	100JE7400			75	1872	-0.14	59	-0.03	61	544	534	514	449	2.90
G	JX FARIA BROTHERS ALTAROZIER {3}	840003140371346	99K	100	F	11JE1349			76	749	0.19	74	0.12	51	608	564	465	497	3.07
G	JX AVI-LANCHE LUKE DAB {3}-ET	840003131411768	99K	90	F	29JE4109			73	924	0.01	46	0.04	41	573	549	500	527	2.90
G	JX FARIA BROTHERS RASHEED {4}-ET	840003144724537	99K	90	F	1JE1105			71	854	0.09	60	0.01	33	582	568	539	510	2.91
G	JX OAK LANE AVON DANCER {3}-ET	USA 067742194	99K	100	F	14JE1658			76	1192	-0.10	35	-0.03	37	540	537	532	516	2.97
G	JX AARDEMA RODIZIO {3}	840003012659227	99K	92	F	7JE1671			76	1192	-0.03	50	0.04	51	564	537	481	464	2.92
G	JX FARIA BROTHERS WILFORK {4}-ET	840003140371429	99K	91	F	551JE1704			75	1145	-0.03	49	0.02	45	531	510	468	431	2.84
G	JX ABS TAILWIND {4}-ET	840003146074373	99K	91	F	29JE4121			71	995	0.05	58	0.04	45	556	529	471	432	2.87
G	JX CAL-MART BEAMER {3}	USA 067384563	99K	100	C	29JE4097			76	128	0.29	64	0.12	28	584	540	446	444	2.73
G	JX PINE-TREE UL ARRIVE {3}-ET	USA 067671566	99K	92	F	597JE177			75	589	0.18	64	0.06	33	596	571	517	530	2.99
G	JX PINE-TREE PRIAPUS ASK {4}-ET	USA 067671620	99K	90	F	7JE1718			71	226	0.26	63	0.12	33	589	547	455	519	3.01
G	JX SEXING TYRION PASCO {3}-ET	840003132350671	99K	93	F	551JE1742			75	137	0.32	71	0.13	30	581	540	449	494	3.02
G	JX FARIA BROTHERS ALTASTERLING {4}-ET	840003144724645	99K	91	C	11JE1391			71	757	0.20	78	0.04	36	588	563	510	481	2.82
G	JX FARIA BROTHERS ALTAMCGAHEE {4}	840003135124228	99K	91	F	11JE1340			75	1533	-0.06	61	0.01	58	522	497	447	403	2.74
G	JX GRAM-WAY AVON DIGGER {3}-ET	840003132219787	99K	90	F	14JE1680			75	965	0.00	45	0.01	37	545	531	500	510	2.94
G	JX PROGENESIS CLEARCUT {3}-ET	124 110648218	99K	92	F	200JE1155			74	1530	-0.22	25	-0.03	49	479	473	460	414	2.94
G	JX PINE-TREE AMPLIFY {3}-ET	USA 067731444	99K	92	F	1JE1069			75	609	0.18	65	0.10	43	563	525	440	465	3.07
G	JX SEXING HATARI MEDFORD {4}-ET	840003132356315	99K	93	F	551JE1747			72	1094	0.01	54	0.08	55	536	500	423	418	3.04
G	JX PROMETEDOR CLIVE {3}	USA 067192959	99K	100	F	200JE1161			76	868	0.25	92	0.09	49	620	584	505	449	3.07
G	JX CROSSWIND CYRUS {3}-ET	840003134421684	50K	92	F	200JE1130			76	654	0.09	50	0.07	38	526	492	422	441	2.81
G	JX FARIA BROTHERS ROZAY {4}-ET	840003144724434	99K	92	F	7JE1689			71	592	0.18	65	0.07	35	576	547	484	481	2.94
G	JX FARIA BROTHERS ALTABALE {4}	840003144724230	99K	91	F	11JE1365			75	1446	0.01	71	0.03	58	526	500	446	406	2.90
G	JX SEXING TI WALT {3}-ET	840003132350838	99K	92	F	551JE1686			75	1386	-0.09	47	-0.01	48	477	464	437	413	2.86
G	JX CAL-MART AVON PAVIT {3}	USA 067384587	99K	91	F	29JE4103			75	1363	-0.15	33	-0.04	41	506	503	498	448	2.86
G	JX FARIA BROTHERS ALTAKROOS {4}-ET	840003149514425	99K	92	F	11JE1392			71	925	0.14	73	0.03	40	556	534	487	423	2.88
G	JX FARIA BROTHERS DEGROM {3}-ET	840003126052253	99K	93	C	1JE962			77	683	0.16	66	0.05	35	573	546	491	443	2.86
G	JX AARDEMA RANGER {3}	840003012659274	99K	92	F	14JE1686			76	640	0.04	38	0.05	34	517	490	435	443	2.89
G	JX AARDEMA JONES {3}	840003012659145	99K	93	F	1JE1080			76	885	0.09	61	0.00	31	538	529	511	535	2.91
G	JX FARIA BROTHERS CARTER {4}-ET	840003144724309	99K	92	F	1JE1100			74	1156	0.00	55	0.04	50	512	485	427	416	2.88
G	JX FARIA BROTHERS SUAREZ {3}	840003126052156	50K	91	C	200JE1083			75	485	0.19	62	0.10	38	547	504	413	408	2.74
G	JX BLUE MIST MESQUITE {3}-ET	USA 119755026	99K	100	F	97JE161			77	584	0.14	57	0.09	40	539	503	424	431	3.01
G	JX SPRING CREEK MARLO STONEY {3}-ET	840003011730374	99K	100	F	14JE769			76	353	0.31	79	0.10	33	587	549	467	468	2.91
G	JX FARIA BROTHERS JACKSON {5}-ET	840003135124481	99K	91	C	200JE1123			74	949	0.18	82	0.08	51	580	545	467	408	3.05
G	JX SEXING HATARI BYRON {4}-ET	840003132353660	99K	90	F	551JE1731			71	867	0.05	52	0.03	38	539	520	478	439	3.02
G	JX ALBRIGHT OF ROWLEYS METRO {3}	USA 067472261	99K	91	F	29JE4094			76	1003	0.06	60	-0.01	34	533	524	506	452	2.86
G	JX FARIA BROTHERS BALE {4}-ET	840003140371552	99K	91	F	551JE1705			75	792	0.11	60	0.02	33	542	524	486	443	2.84
G	JX HIGHVIEW GUNSMOKE {3}	840003130020244	50K	93	F	14JE762			76	1119	0.05	64	0.03	47	520	496	446	399	2.92
G	JX FARIA BROTHERS USAIN BOLT {3}	840003135124231	99K	90	F	1JE984			74	460	0.23	69	0.10	36	528	490	409	439	2.91
G	JX CROSSWIND AVON KAZAN {3}-ET	840003134421681	99K	100	F	1JE1041			75	1523	-0.12	47	-0.03	49	489	483	471	448	2.98
G	JX DUPAT JLS AVON KLAY {3}-P-ET	840003127607528	99K	92	F	7JE1569			76	1350	-0.12	39	-0.01	46	482	472	451	430	2.95
G	JX SEXING TI GRANGER {3}-ET	840003132350882	29K	100	F	551JE1687			74	1767	-0.17	48	-0.09	45	464	477	505	455	3.01
G	JX FARIA BROTHERS VEGA {3}	840003140371270	99K	91	F	29JE4091			75	1048	0.01	52	0.02	41	498	479	440	442	2.84
G	JX OAK LANE DIE-HARD {3}-ET	USA 067742193	99K	100	F	97JE172			76	897	-0.08	27	0.00	32	477	467	447	434	2.92
G	JX AARDEMA CRUSADER {3}	840003009543941	99K	91	F	200JE1129			75	1503	-0.09	52	-0.02	49	498	491	477	401	2.97
G	JX FARIA BROTHERS ZELLER {3}-ET	840003135124385	99K	100	F	200JE1121			76	984	0.07	62	0.04	43	521	500	455	379	3.07
G	JX SEXING AVON BANTER {3}-ET	840003132350112	99K	92	F	551JE1670			76	1523	-0.16	38	-0.02	50	466	459	445	387	3.02
G	JX CROSSWIND PRIAPUS {3}	USA 119499535	50K	90	F	14JE742			75	302	0.13	41	0.05	21	496	475	429	465	2.89
G	JX FARIA BROTHERS KEVIN GARNETT {3}-ET	840003135124344	99K	91	F	29JE4070			76	1116	0.04	62	0.02	44	498	480	442	360	2.97
G	JX FARIA BROTHERS KENNY {3}-ET	840003140306013	99K	100	F	551JE1713			76	1155	0.09	73	0.00	42	523	509	482	428	2.95
G	JX SUN VALLEY GUINNESS {3}	USA 119703328	99K	91	F	29JE4067			75	1069	-0.07	37	0.01	40	446	434	407	411	3.05
G	JX SEXING TI MAMBA {3}-ET	840003132350493	99K	100	F	551JE1696			75	1077	-0.02	48	0.00	39	463	454	434	466	3.10
G	JX ALL LYNNS AVON RANSOM {3}	USA 119874381	99K	92	F	551JE1707			75	595	-0.01	27	0.04	29	467	448	407	415	2.94
G	JX CAL-MART MORROW {3}-P	USA 067374605	99K	92	F	29JE4116			75	1161	-0.04	47	-0.01	39	485	478	463	425	2.98
G	JX FARIA BROTHERS JAE CROWDER {3}	840003135124084	99K	93	F	1JE973			75	703	0.13	59	0.06	37	475	447	387	428	2.89
G	JX FARIA BROTHERS FUTURE {3}-ET	840003126052250	99K	91	F	1JE966			77	675	0.12	56	0.03	31	496	477	437	402	2.92
G	JX SEXING UNCLE LUKE BANKS {3}-ET	840003132350950	29K	92	F	551JE1688			75	944	-0.05	34	-0.01	31	452	443	427	400	2.80
G	JX SEXING MARLO PATRON {3}-ET	840003123614852	99K	100	F	551JE1658			76	395	0.20	60	0.08	31	482	448	376	389	2.85
G	JX AARDEMA APPROACH {3}	840003012659001	99K	93	F	1JE1028			75	572	0.16	59	0.01	23	524	512	488	453	2.87
G	JX JER-Z-BOYZ LUCK {3}	USA 119974885	99K	93	F	551JE1701			75	953	0.11	69	0.05	44	505	479	424	374	2.97
G	JX D&E AVON PECOS {3}	840003131651304	99K	92	F	7JE1565			75	1028	-0.03	43	0.02	42	468	450	411	391	3.02
G	JX FARIA BROTHERS BAREA {4}	840003144724405	99K	93	F	14JE1693			72	679	0.08	49	0.06	36	469	442	384	417	2.93
G	JX MEIER MARLO BARLEY {3}	USA 067179096	99K	93	F	551JE1679			76	957	0.02	49	0.00	34	469	458	438	407	2.93
G	JX BLUE MIST MILO {3}-ET	USA 119755044	99K	100	F	14JE767			77	643	0.14	59	0.04	32	514	492	446	401	2.96
G	JX SEXING TI WAYLON {3}-ET	840003132350488	99K	90	F	551JE1691			74	1438	-0.12	42	0.00	51	421	409	382	362	3.04
G	JX DUPAT JLS AVON STEPH {3}-P-ET	840003127607527	99K	90	F	7JE1570			76	1228	-0.06	46	0.00	44	458	445	418	382	2.95
G	JX SEXING AVON BROCK {3}-ET	840003132350035	99K	92	F	551JE1684			76	1093	-0.08	35	0.00	40	430	418	393	342	3.00

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PL	LIV	DPR	DPR REL	CCR	HCR	EFI	JPI	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
4.3	-1.4	-0.3	55	0.2	2.3	5.6	203	0	0	71	1.0	1.3	0.6	0.9	L0.5	0.3	S0.2	S0.3	1.0	0.8	0.7	0.4	S1.4	C0.3	L0.5	C0.1	C0.6	12.4
3.3	-1.7	-1.5	59	0.5	3.1	3.8	197	0	0	72	1.2	1.4	1.3	0.6	H0.8	0.8	P0.2	S0.6	2.1	0.1	0.4	0.3	S2.1	C0.5	L0.3	C1.4	C0.3	17.0
5.0	-0.7	0.1	53	1.3	2.7	4.0	189	0	0	70	0.6	0.7	0.1	0.6	H1.1	0.1	S0.1	S0.8	1.6	0.6	0.5	-0.1	S2.4	W0.4	L0.3	0.0	C0.4	15.6
4.7	-0.3	0.0	59	0.3	3.5	5.5	183	0	0	75	1.2	1.4	0.3	0.9	L1.6	-0.2	S0.7	L0.3	0.6	1.2	0.6	0.2	S0.8	W0.4	L1.0	W0.3	C0.2	7.2
3.2	0.3	-2.3	64	-1.2	1.5	6.2	179	0	0	75	1.8	1.0	1.2	0.8	L0.9	0.4	P0.4	S0.4	1.5	1.4	0.6	0.9	S1.3	C0.7	L0.8	C1.0	C0.4	16.9
5.5	0.2	-0.4	55	0.2	1.1	5.2	178	0	0	71	1.5	0.2	0.6	0.4	H0.6	0.9	P0.9	S1.2	2.2	1.0	0.3	0.3	S2.2	W0.3	L0.5	W0.5	0.0	18.7
4.9	1.6	2.5	61	2.3	3.3	6.4	178	0	0	76	1.6	2.3	1.2	0.6	L0.1	1.0	0.0	S1.1	2.5	1.1	0.5	1.0	S2.7	C0.6	L0.6	C0.5	C0.3	25.8
4.0	0.4	-0.5	56	-0.2	0.8	5.1	176	0	0	72	1.0	0.4	0.1	0.2	0.0	0.1	0.0	S0.2	1.2	1.2	0.2	0.1	S1.6	W0.6	L0.2	C0.1	C0.4	13.0
4.4	2.8	-0.4	64	0.1	0.8	6.8	174	0	0	76	1.2	0.4	0.6	0.7	L0.8	0.0	S0.5	L0.2	0.3	0.6	0.6	0.9	S0.3	0.0	S0.1	C1.6	B0.2	7.5
4.1	-1.2	-1.5	49	-0.3	2.6	3.6	173	0	0	67	0.8	1.0	0.7	0.6	H1.1	0.2	S0.1	S0.8	1.6	0.2	0.5	0.1	S2.3	W0.6	L0.9	W0.2	C0.2	13.7
4.5	0.6	1.0	68	1.2	4.3	6.4	172	0	0	76	0.8	0.0	-0.4	0.6	H0.1	-0.5	S0.7	0.0	0.5	0.4	0.4	1.0	S1.4	C0.7	S0.4	C0.2	C0.1	14.2
6.2	0.5	-0.9	67	-0.3	2.0	7.6	171	0	0	77	2.1	0.9	0.4	1.5	H0.8	0.6	P0.6	S1.0	2.1	1.5	1.1	0.7	S1.7	C1.0	L0.2	C1.0	B0.1	21.3
4.8	1.5	-1.3	66	-0.9	0.1	5.8	171	0	0	76	2.0	1.5	0.0	1.4	0.0	0.8	S0.1	S0.5	1.9	1.6	1.0	-0.2	S2.3	C0.1	L0.3	C1.2	C0.3	18.9
5.9	2.3	1.2	63	1.2	3.2	7.4	171	0	0	77	1.8	1.5	-0.2	0.8	L1.1	-0.1	P0.2	S0.5	2.1	2.1	0.6	0.1	S2.7	W0.2	L0.9	C0.8	B0.5	22.3
4.1	-1.4	-0.9	64	-0.6	2.0	7.0	169	0	0	76	1.9	1.6	1.1	1.5	L0.4	0.5	0.0	S0.5	1.4	1.2	1.1	1.0	S1.1	C1.1	L0.3	C0.5	C0.3	17.0
3.6	-0.3	0.0	64	0.2	0.3	6.4	169	0	0	76	0.9	-0.2	0.0	0.4	H0.5	-0.4	P0.2	S0.3	1.2	1.0	0.3	-0.3	S1.1	W0.6	L0.2	W0.6	B0.4	8.7
6.1	2.6	2.6	51	2.0	2.4	3.6	169	0	0	71	1.5	2.0	0.9	0.0	L0.3	0.8	P0.7	S0.8	1.9	1.6	0.0	0.6	S2.5	W0.3	L1.1	C0.6	B0.8	20.9
5.7	2.8	1.0	54	0.8	1.9	4.8	169	0	0	71	2.0	0.3	0.3	0.0	H0.5	0.6	P0.3	S1.1	3.0	1.2	0.0	0.2	S3.6	C0.4	S0.1	C1.1	C0.3	29.2
7.1	3.7	2.5	65	3.3	4.4	7.5	168	0	0	77	2.2	2.0	0.9	0.9	L0.7	0.7	P0.1	S1.0	2.7	1.6	0.7	0.7	S3.0	C1.1	S0.3	C0.7	C0.6	30.0
5.9	1.9	0.2	65	1.3	2.8	6.5	167	0	0	75	1.0	0.5	0.2	1.0	L0.6	0.1	S0.7	L0.4	0.3	0.8	0.7	0.4	S0.2	0.0	0.0	C1.1	C0.4	5.5
5.2	0.1	-0.7	58	0.2	3.3	6.7	166	0	0	73	2.1	1.3	0.7	0.8	H0.2	0.9	P0.6	S1.0	2.6	1.5	0.6	1.2	S2.5	C1.5	L0.2	C0.2	C0.3	28.8
4.9	1.4	-1.1	57	-0.3	2.5	5.8	165	0	0	72	1.3	0.4	0.1	1.0	H0.6	-0.1	0.0	S0.1	1.3	0.9	0.8	0.6	S1.3	C0.5	S0.3	C0.6	C0.1	15.4
5.9	1.0	-0.9	66	-0.2	2.3	7.0	165	0	0	77	1.5	-0.1	0.4	0.6	H0.2	0.5	P0.7	S0.9	2.2	1.2	0.5	0.4	S2.3	C1.1	S0.2	C0.7	B0.2	23.0
5.7	1.6	1.5	61	1.7	2.2	5.5	164	0	0	75	1.7	1.8	0.9	0.4	L0.2	0.9	P0.8	S1.3	2.2	1.9	0.3	0.8	S2.6	C0.6	L1.1	0.0	B0.4	24.9
5.2	0.9	1.8	55	1.7	2.4	5.1	163	0	0	70	1.4	1.3	0.3	0.8	L0.4	0.5	0.0	S1.2	0.9	1.9	0.6	1.1	S1.4	C0.1	L0.3	C0.2	0.0	17.7
5.0	-0.3	0.9	64	0.7	2.2	5.9	163	0	0	76	1.7	0.1	0.2	0.6	H0.5	0.0	P0.2	S0.7	2.1	1.0	0.4	1.0	S2.5	C0.5	L0.5	C1.0	C0.1	23.5
4.0	0.7	-0.5	57	-0.4	1.4	5.7	162	0	0	72	1.5	0.6	0.0	1.0	0.0	0.2	P0.3	S0.4	1.3	1.0	0.7	-0.2	S1.0	C0.3	L0.1	C1.2	C0.3	10.3
3.0	-0.8	-1.8	60	0.1	2.9	4.8	161	0	0	73	0.7	-0.1	0.7	-0.1	L0.1	-0.1	P0.3	S0.1	0.7	-0.1	-0.1	0.6	S0.2	C0.4	L0.4	C1.3	C0.3	4.8
6.1	2.8	2.4	64	2.8	3.8	6.4	161	0	0	75	1.9	2.0	1.6	0.3	L0.4	0.9	P0.5	S1.1	2.4	1.0	0.2	1.0	S2.4	C0.7	L1.0	C0.7	C0.1	23.4
6.0	2.8	0.5	65	1.5	3.7	7.2	160	0	0	76	2.3	1.7	0.8	0.8	L0.7	0.6	P0.1	S0.3	2.3	1.7	0.6	1.3	S2.8	C0.4	S0.1	C0.3	C0.4	29.3
4.3	-0.1	0.1	63	0.8	2.4	6.0	160	0	0	75	1.3	0.6	0.5	0.5	H0.3	0.5	0.0	S0.5	1.7	1.3	0.4	0.4	S1.7	C0.5	L0.4	C0.5	C0.2	17.4
3.9	0.9	-0.6	59	-0.1	-0.2	6.8	159	0	0	74	1.1	0.8	0.4	0.6	L0.4	0.0	0.0	S0.2	1.2	0.6	0.5	1.1	S1.0	C0.9	L0.6	C0.6	C0.6	14.0
3.4	-1.9	-2.7	67	-3.0	-1.2	7.0	159	0	0	77	2.1	2.4	1.2	1.8	H0.4	1.4	P0.4	S1.4	2.3	1.9	1.4	0.3	S1.8	C0.2	L0.7	C0.1	C0.1	20.0
5.1	1.4	0.8	65	1.4	1.8	6.9	159	0	0	76	1.2	0.2	0.9	-0.2	L0.6	0.4	P0.3	S0.4	2.0	0.6	-0.2	0.9	S1.7	C0.5	L0.1	C1.1	C0.3	18.8
5.2	1.7	0.5	57	0.2	2.6	5.9	159	0	0	72	1.5	2.2	0.9	0.7	L0.4	0.9	S0.1	S0.9	1.5	1.0	0.6	0.8	S2.4	W0.1	L0.9	C0.3	C0.2	19.2
2.1	-1.4	-1.9	62	-0.6	1.7	5.3	158	0	0	74	0.8	0.2	0.9	0.8	L0.4	0.1	S0.3	0.0	0.4	0.2	0.6	0.9	0.0	C1.4	L0.1	C1.3	C0.3	6.8
3.9	-2.4	-0.2	61	0.5	1.8	5.6	157	0	0	75	1.8	0.5	-0.1	0.2	H0.9	0.2	P1.0	S1.0	2.5	1.5	0.1	0.5	S3.0	C1.0	L0.3	C0.6	B0.5	27.2
6.2	2.9	0.9	62	1.5	2.0	5.3	157	0	0	74	2.4	1.3	1.0	0.6	L0.3	0.6	P0.7	S1.3	2.8	1.9	0.5	0.9	S2.7	C0.8	L0.3	0.0	C0.8	29.1
4.3	-0.3	-2.0	57	-0.5	1.2	5.4	157	0	0	72	1.9	0.8	0.2	0.4	L0.3	0.4	S0.1	S0.4	2.2	1.4	0.3	0.1	S2.3	C0.4	L0.1	C0.1	C0.4	21.0
5.4	1.5	-1.1	68	-0.3	1.0	6.0	157	0	0	76	1.6	1.5	0.3	0.6	L0.3	0.9	P0.3	S1.0	2.2	1.1	0.5	0.1	S2.5	C0.9	L0.4	C1.2	C0.3	21.3
6.1	3.0	1.0	66	1.7	3.9	6.9	157	0	0	76	1.1	0.8	-0.1	0.5	H0.4	0.4	P0.5	S0.6	1.8	0.7	0.4	0.5	S2.6	C0.4	S0.1	C1.0	C0.4	21.3
4.8	0.5	3.1	66	3.0	1.7	6.5	157	0	0	75	1.4	1.4	0.3	1.1	L0.2	0.5	S0.1	S0.5	1.3	1.0	0.8	0.7	S1.5	C0.6	L0.9	C0.9	C0.2	15.2
3.9	-1.4	-0.7	55	0.8	1.9	4.9	156	0	0	72	1.5	0.4	0.5	0.5	L0.5	-0.2	P0.4	S0.6	1.4	0.7	0.4	0.3	S1.7	W0.8	0.0	C0.4	C0.1	13.6
4.2	1.3	-1.1	60	-0.9	1.3	5.8	156	0	0	74	0.9	0.4	0.5	0.4	H0.6	0.5	P0.7	S0.6	1.6	0.1	0.3	0.3	S1.1	C1.0	S0.3	C0.5	C0.3	12.7
4.6	1.8	0.1	68	-0.5	1.6	7.8	155	0	0	78	1.0	0.3	-0.6	0.4	L1.2	-0.3	S0.7	S0.1	1.0	0.5	0.3	0.3	S1.4	C1.1	L0.1	C1.1	C0.3	12.8
4.4	-0.8	-0.7	66	0.0	0.9	6.9	155	0	0	77	1.4	0.4	0.5	0.8	H0.9	0.9	P0.8	S0.8	2.0	1.3	0.6	-0.1	S1.9	W0.2	L0.9	C0.1	B0.1	15.6
3.5	0.1	-2.7	57	-1.7	-1.2	4.6	153	0	0	73	1.3	1.7	0.7	1.1	L1.1	0.8	P0.2	0.0	0.5	0.8	0.8	0.3	S0.9	W0.2	S0.9	W0.7	C0.8	10.0
5.6	1.8	-0.2	56	-0.1	0.8	5.7	153	0	0	72	2.2	0.5	0.8	0.8	H0.7	1.0	P1.2	S1.3	3.0	1.5	0.6	0.6	S2.8	C0.6	L0.1	C0.5	C0.2	28.0
5.2	1.8	-0.1	66	1.6	1.8	6.7	153	0	0	77	1.5	0.9	0.7	1.1	L0.1	0.6	P0.1	S0.7	1.7	0.7	0.9	0.5	S1.4	C1.6	S0.6	C0.7	C0.1	18.0
5.6	0.9	-0.2	58	-0.6	2.6	6.6	153	0	0	73	2.0	1.8	1.1	0.7	H0.4	1.5	P0.6	S1.1	2.9	1.1	0.5	0.2	S2.8	C0.7	L0.4	C0.8	C0.9	24.7
3.5	-0.8	-1.7	66	-0.9	1.1	6.8	151	0	0	76	1.3	0.7	0.5	1.6	H0.3	0.6	S0.1	S0.4	1.4	1.1	1.2	0.7	S1.0	C0.5	L0.4	C0.9	C0.1	14.2
2.7	-0.3	0.0	60	0.7	2.3	4.0	151	0	0	72	1.2	2.4	1.5	0.0	H0.7	1.5	P0.7	S1.4	3.2	0.4	0.0	-0.3	S3.3	C0.7	S0.1	C0.9	C0.5	24.8
4.0	1.6	1.3	63	1.5	1.9	6.1	150	0	0	76	1.1	1.6	1.0	0.2	L1.2	0.5	S0.2	S0.3	1.0	0.7	0.2	1.0	S1.5	W0.1	L0.5	C1.1	C0.3	14.4
4.4	1.3	0.7	65	1.4	2.5	6.6	150	0	0	77	1.4	0.6	0.5	0.4	L0.4	0.0	P0.8	S0.9	2.3	1.1	0.3	0.0	S2.2	W0.2	L0.1	C0.5	B0.1	18.9
3.8	-1.1	1.1	60	2.0	1.6	5.4	149	0	0	75	1.8	1.4	0.2	0.8	H0.4	0.6	P0.8	S0.9	2.5	1.9	0.6	0.7	S2.6	C1.2	L0.6	C1.0	B0.3	27.0
4.3	1.5	1.2	61	2.0	2.3	4.5	149	0	0	74	0.1	0.1	-0.2	-0.6	L0.6	-0.3	S0.2	L0.2	0.4	-0.5	-0.4	0.0	S1.0	W0.6	L0.1	C1.1	C0.2	3.4
7.0	3.0	1.7	65	2.5	3.8	7.6	149	0	0	77	2.0	1.6	0.8	0.6	L0.2	0.5	P0.4	S1.2	2.5	0.9	0.5	1.0	S3.1	C1.2	S0.2	C0.7	C0.6	29.1
4.8	1.1	-1.1	63	0.3	3.7	5.6	146	0	0	74	1.1	0.2	0.6	0.6	L0.3	0.1	P0.1	0.0	0.7	0.4	0.4	0.7	S0.7	C0.1	L0.5	C1.1	C0.2	8.3
4.1	0.4	-2.4	65	-2.1	0.8	7.7	146	0	0	77	2.2	1.5	0.5	1.7	L0.2	1.0	P0.8	S0.7	1.9	2.4	1.3	0.9	S2.2	C0.3	S0.6	C0.6	C0.1	26.5
3.6	2.0	-0.7	66	-0.5	3.5	7.6	144	0	0	77	2.2	2.8	1.1	1.6	L0.8	0.8	P0.5	S1.1	2.1	2.0	1.2	0.7	S2.3	C0.1	L0.6	C1.0	B0.3	23.5
6.5	2.2	2.7	64	2.5	3.5	5.2	144	0	0	74	1.6	1.6	0.2	0.7	L0.7	0.5	S0.5	S0.9	1.6	1.1	0.6	0.0	S2.9	W0.3	L0.1	C0.6	C0.3	20.0
3.5	-0.4	-2.6	65	-2.3	0.9	6.3	143	0	0	76	1.9	1.8	1.2	1.1	H0.6	1.1	P1.0	S1.0	3.1	1.5	0.8	0.4	S2.9	C1.4	L0.6	C1.0	0.0	28.2
3.8	-0.8	-0.4	66	-1.3	-0.4	6.1	143	0	0	76	0.9	1.0	0.5	0.8	L0.7	0.4	S0.6	S0.2	0.8	0.6	0.6	0.5	S0.8	C0.9	L0.6	C0.6	B0.1	9.6
3.6	2.1	1.3	63	1.6	2.9	6.2	143	0	0	76	1.9	1.5	1.0	0.6	L0.6	0.3	S0.5	S0.7	2.7	1.2	0.4	0.6	S2.9	C0.8	L0.4	C0.8	B0.2	26.5
3.8	-1.5	2.5	63	2.6	1.2	6.4	143	0	0	76	1.7	1.4	-0.4	1.5	L1.0	-0.2	S0.3	S0.3	0.9	2.3	1.1	0.9	S1.1	C0.5	L0.8	C0.9	B0.3	16.4
6.4	3.4	1.7	64	1.9	2.8	6.8	142	0	0	76	1.9	1.0	0.7	-0.1	H0.9	1.0	P1.1	S1.0	3.4	1.1	0.0	0.5	S3.6	0.0	L0.6	C0.8	0.0	29.6
4.9	2.0	0.8	65	0.5	2.1	7.1	141	0	0	76	1.5	1.1	0.9	0.7	L0.9	0.3	S0.1	S0.3	1.2	1.3	0.5	0.9	S1.4	0.0	L0.9	C1.1	C0.1	15.2
3.1	-0.5	1.3	64	2.1	2.7	5.7	141	0	0	76	0.5	0.5	0.6	0.4	L0.4	0.0	S0.9	L0.8	0.7	0.7	0.3	0.4	S0.1	W0.2	L0.7	C0.5	C0.4	4.5
4.0	2.1	-0.4	67	-0.2	0.9	5.9	141	0	0	76	1.9	1.2	0.3	0.7	L0.1	0.9	0.0	S0.6	2.5	1.7	0.5	-0.2	S2.6	C0.5	L0.1	C1.2	C0.3	22.9
5.4	2.2	1.0	62	1.1	2.7	7.3	140	0	0	76	1.8	1.4	0.1	0.7	L1.3	0.0	S0.1	S0.3	1.7	1.8	0.5	0.1	S2.3	W0.1	L0.3	C0.8	B0.5	19.7
3.9	-2.5	-0.2	71	-0.3	-1.4	8.0	140	0	0	77	2.1	0.8	-0.2	1.3	H0.4	0.7	P0.4	S0.6	2.2	1.6	1.0	0.2	S2.1	C0.6	L0.2	C0.9	C0.1	21.2
6.7	1.6	1.0	65	1.0	2.2	6.0	139	0	0	75	1.2	1.5	0.4	0.5	L0.2	0.6	0.0	S0.9	0.9	0.6	0.3	0.5	S1.7	W0.1	L0.5	C1.0	C0.1	12.8
2.9	-0.6	-2.0	61	-1.7	0.9	5.6	138	0	0	76	1.3	1.3	0.8	-0.1	L0.5	0.5	P0.5	S0.5	1.8	1.5	0.0	0.4	S1.6	W0.3	L1.3	0.0	B0.4	15.3
4.3	1.7	0.1	62	1.0	1.9	5.3	138	0	0	75	1.4	1.2	1.4	0.2	0.0	1.1	P0.8	S0.9	2.4	0.4	0.1	0.3	S2.6	C0.9	L0.3	C0.5	C0.3	21.4
4.3	-0.8	1.5	57	0.9	1.1	5.5	137	0	0	71	0.9	1.4	0.3	0.0	L0.5	0.3	S0.1	S0.6	1.7	0.9	0.0	-0.2	S2.1	W0.4	L0.7	C0.4	C0.3	14.2
4.4	1.7	0.4	66	1.2	2.2	6.3	137	0	0	76	1.3	1.2	0.2	1.0	L0.7	0.3	S0.5	S0.5	0.5	1.0	0.7	1.1	S1.1	C0.5	L0.4	C0.6	C0.1	13.3
5.2	1.4	-0.4	68	-1.7	0.3	7.7	137	0	0	77	1.6	2.5	0.6	0.4	L1.5	0.9	0.0	S1.2	2.1	1.2	0.3	0.1	S2.8	W0.1	L0.3	C1.1	C0.3	21.5
3.0	-3.1	-0.4	59	0.1	0.8	4.7	136	0	0	74	1.6	1.1	-0.3	0.5	H0.5	0.1	P0.9	S0.8	2.0	1.5	0.4	0.3	S2.7	C0.4	L1.2	C0.6	B0.5	21.5
3.6	0.9	-0.1	65	-0.1	0.4	6.2	136	0	0	77	1.1	0.5	0.7	0.2	L0.3	0.2	P0.8	S0.8	2.0	0.4	0.1	0.3	S2.0	W0.1	L0.6	C0.5	B0.1	15.8
3.4	1.5	-1.3	65	-0.8	3.5	6.5	136	0	0	76	2.2	1.0	0.3	1.3	H0.4	0.4	P1.0	S1.3	3.1	2.0	0.9	0.7	S2.8	C0.7	L0.5	C1.0	B0.3	29.5

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Genomic Tested (G) Bulls by JPI
April 2019

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM$	NM$	FM$	GM$	SCS
G	JX ROCK SOLID ANVIL {3}	USA 075211026	99K	91	F	200JE1126			76	1174	-0.07	41	0.02	46	436	416	376	328	2.92
G	JX SEXING AVON BELLMAN {3}-ET	840003132350031	99K	90	F	551JE1678			75	1067	-0.09	31	-0.02	35	439	433	422	373	2.96
G	JX PROGENESIS MONDAY {3}-ET	124 110517097	99K	100	F	200JE1156			75	909	-0.04	34	0.01	34	437	425	401	357	2.98
G	JX OAK LANE DISCOVERY {3}-ET	USA 067742192	99K	93	F	97JE171			76	873	-0.07	28	0.00	31	436	427	409	395	2.97
G	JX GRAZELAND PT ALTAWISHBONE {4}	USA 067771271	99K	93	F	11JE1329			76	1463	-0.04	60	0.03	60	465	437	379	330	2.96
G	JX WILSONVIEW MAC {3}-ET	USA 119760345	99K	91	F	200JE1127			76	704	0.00	34	0.04	34	434	415	372	372	3.09
G	JX SEXING AVON WOODROW {3}-ET	840003132350056	99K	90	F	551JE1673			74	1488	-0.20	28	-0.03	47	417	414	408	362	3.07
G	JX AARDEMA SOARING {3}	840003012658917	99K	100	F	200JE1092			75	765	0.09	54	0.05	37	441	416	362	366	2.87
G	JX AARDEMA ALTAAPLUS {3}	840003012659207	99K	100	F	11JE1355			76	1010	-0.08	32	-0.03	31	410	407	402	381	2.93
G	JX FARIA BROTHERS JACK BAUER {3}-ET	840003135124283	99K	91	F	1JE1076			76	1277	-0.02	57	0.01	49	436	418	379	291	2.96
G	JX SEXING AVON BOYT {3}-ET	840003132350169	99K	93	F	551JE1672			76	1390	-0.20	24	-0.03	43	416	413	408	333	2.99
G	JX SEXING AVON BURRO {3}-ET	840003132350183	99K	100	F	551JE1671			76	1321	-0.16	30	-0.04	39	394	394	394	335	2.94
G	JX ROWLEYS ALTALEMOR {3}-ET	USA 067792215	99K	90	F	11JE1330			74	1101	-0.14	24	-0.05	30	395	396	403	393	2.86
G	JX SEXING AVON PULSAR {3}-ET	840003132350041	99K	100	F	551JE1669			76	1391	-0.13	38	-0.03	43	403	400	397	358	3.02
G	JX CROSSWIND CROSBY {3}-ET	840003134421672	99K	100	F	200JE1103			76	698	-0.07	19	0.03	31	382	361	319	308	2.79
G	JX SUN VALLEY AVON CORONA {3}-ET	USA 119758711	99K	93	F	97JE163			76	1156	-0.10	35	-0.02	38	399	393	380	339	2.96
G	JX AHLEM RUFIO {3}	USA 074067757	99K	100	F	200JE1080			76	798	0.03	44	-0.04	21	423	422	425	333	2.74
G	JX SEXING AVON ZARKO {3}-ET	840003132350050	99K	91	F	551JE1674			75	1060	-0.18	13	-0.01	35	374	369	357	345	2.99
G	JX AARDEMA CONTENDER {3}	840003012658912	99K	100	F	1JE992			75	1332	-0.15	31	-0.03	41	373	368	361	327	2.87
G	JX FARIA BROTHERS HESTER {3}	840003135124304	99K	93	F	551JE1706			75	747	0.07	50	0.02	30	408	393	362	341	2.88
G	JX FARIA BROTHERS CAFU {3}	840003126052218	99K	91	C	551JE1652			74	1500	-0.15	40	-0.02	50	385	377	360	339	3.02
G	JX HI-LAND VANDRELL FRODO {3}	USA 067388448	99K	93	F	1JE961			76	560	0.08	43	0.08	36	428	397	328	345	2.97
G	JX AARDEMA FEARLESS {3}	840003012658969	99K	100	F	1JE998			76	739	-0.01	33	0.04	34	393	374	332	362	3.00
G	JX CROSSWIND LANDING {3}-ET	840003134421669	50K	92	F	200JE1093			76	1022	-0.07	35	0.00	37	392	380	356	281	2.94
G	JX PEAK ALTAARAGORN {3}-ET	840003142181559	99K	91	F	11JE1368			76	930	0.07	58	0.01	36	440	425	395	333	2.93
G	JX FARIA BROTHERS MULLER {3}	840003126052176	50K	90	F	200JE1081			75	1015	-0.02	44	-0.02	33	419	415	406	334	3.01
G	JX FOREST GLEN AVON JARGON {3}	USA 067650225	99K	92	F	551JE1708			75	332	0.01	17	0.04	20	360	341	301	335	2.86
G	JX STEINHAUERS ALTARAZZLES {3}-ET	USA 119723694	99K	91	F	11JE1327			77	682	0.04	41	0.04	33	395	376	333	357	3.04
G	JX SEXING AVON TIPPER {3}-ET	840003132350177	99K	90	C	551JE1677			75	861	-0.01	39	0.01	33	402	391	365	356	3.00
G	JX ROWLEYS MARLO STRIKE {3}	USA 067322177	13K	100	F	97JE151			75	521	0.17	60	0.07	32	448	422	364	337	3.00
G	JX FARIA BROTHERS DYBALA {4}-ET	840003140305952	99K	91	F	551JE1709			76	1060	0.06	62	0.02	42	432	416	380	293	3.01
G	JX SEXING AVON CHAMBER {3}-ET	840003132350009	99K	100	F	551JE1675			76	1020	-0.12	23	-0.01	35	363	358	345	318	3.10
G	JX AARDEMA SUMMERSET {3}	840003012658900	99K	93	F	200JE1095			76	1370	-0.19	25	-0.03	42	358	355	351	292	2.95
G	JX SEXING MARLO POPEYE 61036 {3}-ET	840003010364783	99K	100	F	551JE1646			77	534	0.07	39	0.01	22	351	341	320	285	2.99
G	JX SEXING GOLDBRICKP 60877 {4}-P-ET	840003010364624	13K	92	C	551JE1644			75	763	-0.06	24	0.03	33	307	291	256	209	3.04

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Genomic Tested (G) Bulls by JPI
April 2019

PL	LIV	DPR	DPR REL	CCR	HCR	EFI	JPI	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
3.7	0.1	-1.4	64	-1.1	1.5	6.1	135	0	0	76	1.9	1.7	1.3	1.1	L0.4	0.7	P0.2	S0.8	2.0	1.2	0.8	1.1	S1.9	C0.7	L0.4	C0.8	B0.1	21.9
4.9	2.8	0.1	64	0.3	2.8	6.7	135	0	0	76	2.5	1.5	1.0	0.9	L0.7	0.6	P0.7	S1.2	2.8	1.9	0.6	0.9	S2.9	C0.4	L0.4	C1.0	B0.3	29.3
5.2	2.0	-0.3	64	0.5	2.5	6.7	135	0	0	75	1.6	0.8	0.0	0.4	L0.1	-0.1	P0.3	S0.3	2.6	1.4	0.3	0.3	S3.2	C0.4	L0.3	C0.3	C0.2	26.6
5.8	2.8	1.4	65	2.0	3.2	7.5	135	0	0	77	1.8	1.2	0.7	0.7	H0.6	0.5	P0.1	S1.0	2.5	0.7	0.5	0.6	S2.6	C1.0	S0.3	C0.7	C0.6	24.7
1.8	-2.7	-2.4	65	-2.5	-1.7	6.1	133	0	0	76	1.3	3.9	1.2	1.3	L0.2	1.3	P0.2	S0.4	1.2	1.8	1.0	-0.4	S1.6	W0.4	L1.2	W0.4	C0.1	11.4
4.1	3.0	0.8	65	0.6	1.5	6.4	132	0	0	77	1.9	2.1	0.9	0.5	L1.1	0.3	S0.4	S1.2	2.7	1.1	0.3	0.8	S3.4	C1.5	L0.5	C0.9	C0.5	30.0
4.5	1.4	0.2	61	0.9	2.1	5.1	131	0	0	73	1.3	0.9	1.1	-0.1	H0.5	0.8	P0.9	S1.2	2.5	0.9	-0.1	0.9	S2.9	C0.6	L0.9	C0.4	C0.1	25.2
2.4	0.6	-0.2	62	0.7	2.7	5.1	131	0	0	73	0.3	0.3	0.4	-0.3	L0.4	0.1	P0.1	S0.1	0.7	0.0	-0.2	0.2	S1.2	W0.4	L0.1	C0.5	C0.6	7.5
4.4	1.2	0.9	64	1.9	3.6	6.5	131	0	0	75	1.7	0.8	-0.1	1.2	L0.4	0.2	0.0	S0.7	1.6	1.6	0.9	0.7	S2.2	C0.1	0.0	C0.6	C0.2	21.5
2.1	-1.0	-3.6	64	-2.0	1.1	6.2	130	0	0	75	1.7	1.5	0.8	1.0	L0.5	0.1	P0.3	S0.3	1.8	1.2	0.7	0.9	S1.8	C0.9	L1.2	0.0	B0.1	19.1
4.8	2.3	-0.9	67	-0.4	2.8	7.8	129	0	0	77	2.2	2.0	0.9	1.1	L0.7	0.9	P0.8	S1.3	2.6	2.1	0.8	0.4	S3.0	C0.1	L0.3	C1.0	B0.3	27.6
3.6	1.3	-0.6	65	0.2	3.2	7.3	129	0	0	77	2.5	2.0	0.6	1.2	L1.4	0.4	P0.2	S0.9	2.1	2.6	0.9	0.8	S2.5	C0.2	L0.1	C1.0	B0.3	27.2
5.2	2.1	2.2	60	3.2	3.9	5.1	129	0	0	74	1.6	1.7	0.8	0.2	L0.2	0.5	P0.3	S0.7	2.2	0.8	0.1	0.5	S2.4	C0.3	L0.2	C0.9	C0.1	21.1
3.4	0.1	0.4	66	-0.1	1.4	7.3	127	0	0	76	1.5	1.0	0.2	1.0	L0.6	-0.2	P0.3	0.0	1.2	1.2	0.8	0.9	S1.4	C0.1	L0.7	C1.2	0.0	15.4
5.0	1.8	-0.2	66	1.1	4.4	7.2	126	0	0	78	1.7	-0.3	0.0	0.9	L0.3	0.1	P0.3	S0.2	1.5	1.5	0.7	0.5	S1.2	C0.1	S0.3	C0.7	C0.3	16.2
4.8	1.3	0.5	65	0.6	1.6	6.5	125	0	0	76	1.0	1.0	0.8	0.3	L1.1	0.3	S0.7	L0.4	1.3	0.5	0.2	1.1	S1.2	C1.0	L0.1	C1.5	C0.2	15.8
5.5	2.2	-0.8	64	-0.8	1.9	7.0	125	0	0	76	1.5	1.0	0.6	0.4	H0.7	0.7	P0.4	S0.5	2.5	0.7	0.3	0.4	S2.7	C1.7	S0.6	C1.0	C0.3	25.7
4.9	2.6	1.4	65	1.6	1.5	6.3	123	0	0	76	1.3	0.7	0.0	0.0	H0.6	0.6	P1.2	S1.1	2.8	0.9	0.0	0.4	S3.5	C0.2	L0.7	C0.9	C0.4	26.7
3.5	0.5	0.1	65	1.4	2.9	7.3	121	0	0	76	1.1	0.9	0.6	0.9	L0.1	0.3	S0.5	L0.4	0.9	1.1	0.7	0.6	S0.6	C0.1	L1.0	C0.8	C0.6	9.1
3.4	0.3	0.0	63	0.5	1.3	5.6	121	0	0	75	0.6	-0.4	0.2	0.0	L0.6	-0.3	S0.5	L0.5	1.1	0.7	0.0	0.5	S0.9	W0.1	L0.5	C0.5	C0.4	10.0
2.1	1.2	0.1	59	1.6	3.7	4.5	120	0	0	73	0.6	0.9	1.0	0.9	L1.0	0.2	S1.1	L0.6	-0.5	0.0	0.7	0.8	D1.2	C0.3	S0.1	C0.9	C0.7	-3.0
4.3	0.7	0.1	67	1.3	4.0	7.3	120	0	0	78	0.7	1.6	1.0	0.4	L1.1	0.4	S0.7	L0.3	0.3	0.5	0.3	0.1	S0.6	W0.9	L1.1	W0.5	0.0	2.4
4.1	1.5	1.6	65	2.6	4.5	7.1	120	0	0	75	0.5	0.3	0.3	-0.4	L1.0	0.0	S0.7	L0.7	0.9	0.3	-0.3	-0.5	S1.2	W1.0	L0.2	C0.5	C0.5	5.2
4.3	1.6	-1.5	65	-1.5	0.0	7.0	119	0	0	76	1.5	0.4	0.1	0.4	L0.9	-0.2	S0.1	0.0	1.5	1.1	0.3	1.1	S1.7	C0.6	L0.5	C0.7	C0.3	19.0
3.3	-0.5	-1.7	66	-1.0	1.0	6.8	119	0	0	76	1.3	0.1	0.4	0.7	L0.3	0.2	P0.2	S0.6	0.8	0.9	0.6	0.2	S0.7	W0.2	L0.6	C0.2	C0.1	7.4
3.9	1.5	-1.1	62	-0.6	1.6	5.9	119	0	0	75	1.7	1.1	0.6	0.9	H0.1	0.5	P0.8	S1.1	2.3	1.1	0.7	0.3	S2.3	C0.4	L0.3	C0.9	C0.4	21.0
4.8	2.1	2.0	62	1.7	1.6	5.8	119	0	0	75	1.9	1.5	0.5	0.4	H0.2	0.3	P0.4	S1.0	2.6	1.4	0.3	0.8	S3.8	W0.3	L0.1	C0.7	B0.1	30.7
3.0	-1.4	0.8	66	1.4	-0.1	6.5	118	0	0	78	1.9	0.7	-0.2	0.8	H0.2	0.3	P0.3	S1.0	1.7	1.8	0.6	-0.1	S1.7	C0.7	0.0	C1.2	B0.2	17.7
3.5	1.8	1.0	62	0.5	0.9	5.6	117	0	0	74	1.1	1.2	1.2	-0.1	L0.5	0.4	P0.6	S0.7	1.9	0.5	-0.1	0.4	S2.0	C0.2	L0.5	C1.2	C0.2	16.7
3.2	-0.4	-1.4	67	-1.4	1.2	7.8	116	0	0	77	1.2	0.3	-0.2	1.4	L0.5	0.2	P0.2	S0.6	0.2	1.2	1.0	0.5	D0.4	W0.2	L0.5	W0.5	C0.4	2.9
1.9	0.2	-3.1	62	-2.7	0.0	5.3	115	0	0	74	1.0	1.0	0.4	0.7	0.0	0.2	P0.4	S0.4	1.0	0.8	0.6	0.0	S1.3	W0.2	L0.5	C0.2	C0.1	9.8
4.2	2.6	0.6	66	0.9	3.3	7.2	115	0	0	77	1.3	2.1	0.6	0.0	L1.0	0.4	S0.1	S0.7	2.2	1.2	0.0	0.5	S2.9	0.0	S0.2	C0.6	C0.5	24.6
3.9	1.9	-0.3	65	-0.2	1.7	6.6	110	0	0	75	0.8	0.5	0.1	0.7	H0.2	0.2	S0.6	S0.1	0.7	0.6	0.5	0.4	S0.4	W1.0	L0.6	C0.5	C0.2	4.8
3.7	-0.7	-0.5	68	-0.7	0.3	7.7	99	0	0	78	1.5	-0.1	-0.3	0.9	H1.1	0.2	P1.1	S0.9	1.6	1.4	0.7	0.6	S1.8	0.0	L0.3	C2.0	B0.2	18.2
3.9	0.4	-1.2	60	-2.2	0.4	5.7	96	0	0	74	0.9	-0.8	-0.8	0.1	L1.2	-0.7	P0.1	L1.0	0.3	1.5	0.1	0.6	S1.0	C1.4	S0.2	C2.0	B0.9	13.6