

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Genomic Tested (G) Bulls by JPI December 2018

ST	Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	No. Hrs	No. Daus	REL %	% Milk	% Fat	% Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
G	JX TWIN RIDGE LEAVALL (3)-ET	840003012316467	99K	93	F	1JE1118	70	1163	0.00	55	0.04	50	660	631	572	592	2.80		
G	JX CAL-MART LUKE DANNY (3)-ET	USA 067384595	99K	100	F	29JE4104	75	1581	0.01	78	0.02	62	679	652	596	578	2.86		
G	JX FARIA BROTHERS RONDO (3)-ET	840003140305947	99K	93	F	29JE4092	74	1389	0.09	86	0.05	60	672	638	567	511	2.79		
G	JX AVI-LANCHE LUKE DAB (3)-ET	840003131411768	99K	93	F	29JE4109	73	1075	0.02	55	0.04	46	658	633	581	613	2.88		
G	JX FARIA BROTHERS ALTABAYNES (3)-ET	840003144724539	99K	100	F	11JE1377	72	1288	0.13	88	0.03	53	667	641	587	559	2.87		
G	JX FARIA BROTHERS JAMISON (3)-ET	840003144724503	99K	100	F	1JE1102	71	1716	0.01	84	0.00	62	656	635	594	532	2.86		
G	JX PINE-TREE DOX (3)-ET	USA 067671500	99K	100	F	1JE1081	75	791	0.15	68	0.06	41	645	614	549	595	2.87		
G	JX PINE-TREE ACHIEVER (3)-ET	USA 067731401	99K	100	F	1JE1054	74	1227	-0.02	54	0.03	50	627	604	556	559	2.93		
G	JX PINE-TREE UNCLE LUKE ACCLIMATE (3)-ET	USA 067671562	99K	89	F	29JE4101	74	1147	0.06	68	0.03	48	659	636	587	607	2.97		
G	JX ABS TLD HEINZ (3)-ET	840003141494611	99K	91	F	29JE4110	73	1098	0.03	58	0.05	50	633	604	541	592	2.92		
G	JX TWIN RIDGE HAWKIN (3)-ET	840003012659472	99K	90	F	29JE4130	69	1058	0.16	84	0.05	49	647	616	550	530	2.84		
G	JX CLOVER PATCH AVON ENZO (3)	USA 119904055	45K	100	F	100JE7400	75	2055	-0.16	62	-0.04	65	586	576	560	498	2.84		
G	JX FARIA BROTHERS KOBE (3)-P-ET	840003140305965	99K	100	F	200JE1142	76	1106	0.13	79	0.05	51	650	618	551	538	2.87		
G	JX FARIA BROTHERS ALTAROZIER (3)	840003140371346	99K	100	F	11JE1349	76	945	0.16	78	0.11	57	643	597	498	530	3.06		
G	JX AVI-LANCHE LUKE DUKE (3)-ET	840003131411680	99K	93	F	29JE4106	72	1074	0.02	56	0.02	42	614	596	560	594	2.93		
G	JX PINE-TREE UL ARRIVE (3)-ET	USA 067671566	99K	100	F	597JE177	74	706	0.17	69	0.06	37	644	618	563	580	3.00		
G	JX CAL-MART AVON PAVIT (3)	USA 067384587	99K	100	F	29JE4103	75	1524	-0.16	39	-0.04	46	575	571	564	520	2.82		
G	JX AARDEMA GREEN EYE (4)-ET	840003012659273	99K	91	F	1JE1094	70	1130	0.05	65	0.03	47	590	566	515	496	2.86		
G	JX CROSSWIND CYRUS (3)-ET	840003134421684	50K	93	F	200JE1130	76	856	0.06	54	0.06	43	579	546	478	504	2.77		
G	JX PROGENESIS CLEARCUT (3)-ET	124 110648218	99K	100	F	200JE1155	75	1633	-0.23	29	-0.04	51	524	518	507	467	2.87		
G	JX FARIA BROTHERS JODECI (3)	840003126051999	99K	100	F	1JE964	76	702	0.18	71	0.10	45	595	557	473	499	3.01		
G	JX OAK LANE AVON DANCER (3)-ET	USA 067742194	99K	100	F	14JE1658	76	1255	-0.11	36	-0.03	39	559	556	549	547	2.94		
G	JX FARIA BROTHERS FAMILIA (3)-ET	840003126052286	50K	93	C	551JE1699	77	804	0.22	83	0.05	39	644	617	560	505	2.87		
G	JX AARDEMA RODIZIO (3)	840003012659227	99K	100	F	7JE1671	76	1317	-0.04	55	0.03	53	592	568	517	500	2.90		
G	JX PINE-TREE AMPLIFY (3)-ET	USA 067731444	99K	92	F	1JE1069	75	722	0.15	66	0.09	44	608	572	494	532	3.01		
G	JX AARDEMA WOODCHUCK (4)-ET	840003012659271	99K	89	F	1JE1093	69	1197	-0.03	50	0.00	44	556	539	506	509	2.84		
G	JX FARIA BROTHERS WILFORK (4)-ET	840003140371429	99K	93	F	551JE1704	72	1230	-0.02	54	0.02	49	556	532	484	440	2.82		
G	JX AVI-LANCHE LUKE LONZO (3)-ET	840003131411702	99K	89	F	29JE4107	74	1125	-0.01	51	0.01	42	551	535	502	523	2.88		
G	JX CAL-MART BEAMER (3)	USA 067384563	99K	100	C	29JE4097	76	245	0.27	66	0.10	29	601	559	473	458	2.67		
G	JX PINE-TREE ARENA (3)-ET	USA 067731379	99K	91	F	1JE1047	74	1327	-0.05	53	0.01	49	571	555	523	515	3.00		
G	JX GRAM-WAY AVON DIGGER (3)-ET	840003132219787	99K	91	F	14JE1680	75	1135	-0.03	48	0.00	40	572	560	536	548	2.90		
G	JX FARIA BROTHERS HAYWARD (4)-ET	840003140371525	99K	93	F	97JE174	73	760	0.19	75	0.06	39	594	564	502	484	2.83		
G	JX FARIA BROTHERS LUKEMAYE (3)-ET	840003135124466	99K	89	F	200JE1122	76	1499	-0.02	68	0.03	60	577	554	505	501	3.11		
G	JX FARIA BROTHERS KEVIN GARNETT (3)-ET	840003135124344	99K	92	F	29JE4070	76	1302	0.06	74	0.02	50	599	579	537	456	2.89		
G	JX FARIA BROTHERS CESPEDES (3)-ET	840003135124402	99K	93	F	1JE1057	75	608	0.20	69	0.09	41	610	570	484	481	2.83		
G	JX AARDEMA CRUSADER (3)	840003009543941	99K	100	F	200JE1129	76	1732	-0.10	60	-0.03	56	575	567	552	481	2.95		
G	JX CROSSWIND AVON KAZAN (3)-ET	840003134421681	99K	100	F	1JE1041	76	1678	-0.12	54	-0.03	54	548	540	526	506	2.94		
G	JX FARIA BROTHERS BRIGGS (3)	840003135124085	99K	100	C	200JE1146	74	1157	-0.03	49	0.00	42	564	552	525	491	2.98		
G	JX AARDEMA RANGER (3)	840003012659274	99K	100	F	14JE1686	76	793	0.02	42	0.05	38	549	522	468	474	2.86		
G	JX AARDEMA JONES (3)	840003012659145	99K	100	F	1JE1080	76	996	0.08	64	-0.01	34	565	555	536	552	2.85		
G	JX PINE-TREE APPEAL (3)-ET	USA 067731446	99K	88	F	1JE1071	74	1282	-0.03	54	0.02	50	564	544	502	513	2.95		
G	JX FARIA BROTHERS USAIN BOLT (3)	840003135124231	99K	90	F	1JE984	75	654	0.21	73	0.09	41	581	544	466	498	2.91		
G	JX AARDEMA TELFORD (4)-ET	840003138766596	99K	90	F	1JE1082	67	907	-0.02	39	0.05	43	527	500	441	480	2.92		
G	JX FARIA BROTHERS DEGRON (3)-ET	840003126052253	99K	100	C	1JE962	77	809	0.15	69	0.04	38	594	568	514	464	2.81		
G	JX PROMETEDOR CLIVE (3)	USA 067192959	99K	100	F	200JE1161	76	947	0.24	94	0.08	50	627	593	517	458	3.03		
G	JX OAK LANE DIE-HARD (3)-ET	USA 067742193	99K	100	F	97JE172	76	1012	-0.08	31	0.00	36	521	509	485	482	2.86		
G	JX SPRING CREEK MARLO STONEY (3)-ET	840003011730374	99K	100	F	14JE769	77	456	0.30	83	0.10	36	613	574	492	487	2.88		
G	JX FARIA BROTHERS RAKITIC (3)	840003126051974	99K	90	F	200JE1056	75	1414	0.07	82	0.05	62	567	535	467	418	3.01		
G	JX SEXING AVON HATARI (3)-ET	840003132350040	99K	93	F	551JE1664	75	1577	-0.14	45	0.01	59	532	511	466	425	2.90		
G	JX SEXING TI WALT (3)-ET	840003132350838	99K	100	F	551JE1686	75	1540	-0.10	51	-0.02	52	499	485	459	420	2.81		
G	JX DUPAT JLS AVON KLAY (3)-P-ET	840003127607528	99K	100	F	7JE1569	76	1443	-0.12	44	-0.01	49	523	511	488	474	2.89		
G	JX ALBRIGHT OF ROWLEYS METRO (3)	USA 067472261	99K	100	F	29JE4094	76	1052	0.06	63	-0.01	35	555	545	527	466	2.81		
G	JX FARIA BROTHERS VEGA (3)	840003140371270	99K	100	F	29JE4091	75	1175	0.01	57	0.01	44	535	517	482	484	2.84		
G	JX BLUE MIST MESQUITE (3)-ET	USA 119755026	99K	100	F	97JE161	77	682	0.14	60	0.09	42	549	514	437	438	2.98		
G	JX FARIA BROTHERS VERNE LUNDQUIST (3)-ET	840003135124350	99K	100	F	29JE4071	76	933	0.03	50	0.05	43	520	492	434	480	2.84		
G	JX SEXING UNCLE LUKE BANKS (3)-ET	840003132350950	29K	100	F	551JE1688	75	1133	-0.07	40	-0.02	37	517	507	490	461	2.78		
G	JX PINE-TREE FRESCA (3)-ET	USA 067731375	99K	100	F	1JE1046	76	303	0.24	63	0.11	32	557	515	427	447	2.76		
G	JX FARIA BROTHERS RONALDINHO (3)	840003126052015	99K	100	F	7JE1503	80	1643	0.00	78	0.05	69	551	520	452	394	3.06		
G	JX FARIA BROTHERS JACK BAUER (3)-ET	840003135124283	99K	100	F	1JE1076	76	1513	-0.01	69	0.01	56	534	513	472	386	2.87		
G	JX SEXING TI GRANGER (3)-ET	840003132350882	29K	100	F	551JE1687	74	1900	-0.16	55	-0.08	50	505	515	540	483	3.00		
G	JX PINE-TREE AVON SOLID (3)-ET	USA 067771285	99K	91	F	1JE1033	75	1203	-0.07	42	0.02	48	497	475	430	444	2.90		
G	JX AARDEMA ASTRIX (3)	840003012658926	99K	86	F	1JE994	70	1232	-0.04	51	-0.02	40	544	538	526	526	2.95		
G	JX FARIA BROTHERS SUAREZ (3)	840003126052156	50K	93	C	200JE1083	75	520	0.20	66	0.10	39	562	519	428	422	2.74		
G	JX SEXING TI MAMBA (3)-ET	840003132350493	99K	100	F	551JE1696	75	1252	-0.04	52	0.00	44	506	497	477	503	3.07		
G	JX SEXING TI WONDRA (3)-ET	840003132350836	99K	93	F	551JE1692	75	1624	-0.09	58	0.01	60	522	503	463	419	2.97		
G	JX HIGHVIEW GUNSMOKE (3)	840003130020244	50K	100	F	14JE762	76	1181	0.04	65	0.02	47	531	509	464	410	2.87		
G	JX SUN VALLEY GUINNESS (3)	USA 119703328	99K	100	F	29JE4067	75	1194	-0.08	41	0.00	43	493	481	455	466	2.99		
G	JX SHOT OF NAT ALBION (3)-ET	USA 067187975	99K	91	F	7JE1620	75	971	-0.06	33	0.00	34	495	484	464	466	2.88		
G	JX FARIA BROTHERS WILKINS (3)-ET	840003144724344	99K	91	F	97JE179	77	1336	-0.02	60	0.01	51	517	496	454	415	2.86		
G	JX JER-Z-BOYZ LUCK (3)	USA 119974885	99K	100	F	551JE1701	75	1108	0.12	77	0.04	49	571	545	488	444	2.98		
G	JX SCHOENE-KUH M NORBERT (3)-ET	USA 119770294	99K	92	F	1JE1036	77	1288	-0.02	56	-0.01	45	527	517	497	458	3.05		
G	JX FARIA BROTHERS FOURNETTE (3)-ET	840003135124113	99K	100	F	7JE1600	76	1605	-0.13	49	-0.02	54	497	485	462	433	2.91		
G	JX WILSONVIEW MAC (3)-ET	USA 119760345	99K	93	F														

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PL	LIV	DPR	REL	CCR	HCR	EFI	JPI	Type Hds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
6.5	2.6	2.0	53	2.1	4.3	5.2	203	0	0	70	1.3	0.8	0.4	0.7	H1.1	1.0	P0.1	S0.8	2.4	0.8	0.5	0.3	S2.1	C0.4	S0.3	C0.7	C0.3	20.5
4.5	0.1	0.1	57	0.4	3.9	5.7	201	0	0	73	1.4	1.3	0.3	1.1	L1.4	-0.2	S0.7	L0.3	0.5	1.4	0.8	0.3	S0.7	W0.3	L1.1	W0.6	C0.1	7.3
3.9	-0.3	-2.1	53	-1.6	0.4	3.4	196	0	0	71	0.8	-1.1	-0.5	0.0	H0.2	-0.7	P0.1	S0.1	0.9	0.4	0.0	0.3	S1.5	W0.5	L0.1	W0.6	C0.4	10.7
6.4	3.4	3.0	51	2.7	3.4	3.9	195	0	0	70	1.7	1.9	0.7	0.3	L0.1	0.8	P0.5	S0.7	2.0	1.8	0.3	0.5	S2.5	W0.1	L1.1	C0.9	B0.8	21.6
3.8	-0.9	-0.7	53	0.5	2.2	4.2	194	0	0	70	0.8	0.7	0.0	0.7	H1.1	0.1	S0.2	S0.7	1.7	0.8	0.5	-0.1	S2.5	W0.4	L0.3	W0.0	C0.4	16.8
3.7	-1.2	-1.6	51	-0.5	2.7	3.9	193	0	0	69	1.0	0.8	0.6	0.7	H1.3	0.3	0.0	S0.9	1.8	0.4	0.5	0.1	S2.4	W0.4	L0.9	W0.2	C0.3	15.4
4.9	2.0	2.4	59	2.5	3.3	6.6	193	0	0	75	1.6	2.0	1.1	0.7	0.0	0.9	S0.1	S1.0	2.4	1.1	0.5	1.0	S2.7	C0.7	L0.5	C0.8	C0.4	25.8
5.9	1.6	1.4	61	1.7	2.8	5.5	191	0	0	73	2.0	1.6	0.6	0.7	H0.7	0.7	P0.6	S1.4	2.7	1.5	0.5	0.8	S3.1	C1.2	L0.7	C0.1	B0.2	29.0
5.5	1.1	2.1	57	2.2	2.9	5.1	191	0	0	72	2.0	2.0	0.8	0.8	L0.3	0.5	P0.7	S1.3	1.5	1.9	0.6	1.0	S1.9	C0.6	L1.1	C0.4	B0.3	20.6
5.9	0.0	2.7	54	2.9	2.7	4.6	188	0	0	71	1.5	1.7	0.5	1.1	H0.3	0.7	P0.6	S0.8	1.8	1.3	0.8	-0.2	S2.0	C0.4	L1.0	C0.8	0.0	15.7
4.6	-0.5	-0.4	49	0.4	0.9	3.5	187	0	0	67	0.8	0.4	-0.2	0.8	L0.3	0.0	S0.6	L0.3	0.8	1.0	0.6	0.2	S0.9	C0.4	S0.5	C0.7	C0.1	11.1
4.4	-1.4	-0.4	64	-0.3	1.8	7.1	185	0	0	75	2.0	1.5	1.0	1.6	L0.4	0.5	S0.1	S0.3	1.3	1.3	1.2	1.0	S1.1	C1.1	L0.2	C0.3	C0.2	17.1
4.0	2.5	0.2	64	0.3	0.3	6.9	185	0	0	76	1.1	0.2	0.5	0.7	L0.7	-0.1	S0.5	L0.3	0.1	0.7	0.6	0.9	S0.1	W0.1	S0.2	C1.5	B0.3	6.3
3.4	-0.5	0.1	65	-0.1	-0.3	6.6	182	0	0	76	1.0	-0.2	-0.1	0.6	H0.7	-0.4	0.0	S0.3	1.4	1.1	0.5	-0.3	S1.2	W0.4	L0.4	W0.5	B0.4	10.0
5.6	2.9	3.1	47	4.1	4.1	3.3	181	0	0	68	1.7	1.4	0.8	0.4	H0.1	0.7	P0.5	S0.7	1.5	1.4	0.3	0.4	S1.8	W0.3	L0.6	C0.9	B0.8	16.2
5.6	2.2	1.8	59	1.9	2.3	5.8	180	0	0	74	1.9	1.3	0.7	0.6	0.0	0.6	P0.7	S1.3	2.3	2.0	0.4	0.7	S2.5	C0.8	L1.2	C0.4	B0.3	24.8
6.8	3.1	1.5	62	1.8	1.9	5.5	179	0	0	75	2.5	1.2	0.9	0.8	L0.2	0.6	P0.6	S1.2	2.9	2.1	0.6	0.9	S2.6	C0.7	L0.5	W0.1	C0.7	29.0
4.9	1.0	0.1	54	0.7	3.3	5.1	178	0	0	71	0.9	0.1	-0.2	0.5	0.0	-0.3	S0.3	L0.1	0.9	0.3	0.4	0.5	S1.4	C0.8	S0.3	C0.5	C0.2	13.1
5.4	1.4	1.4	65	1.8	2.5	7.0	178	0	0	76	1.3	0.2	0.8	-0.1	L0.6	0.3	P0.1	S0.4	2.0	0.8	-0.1	1.0	S1.7	C0.5	L0.2	C1.0	C0.2	19.6
6.3	2.7	1.0	65	1.8	4.2	7.3	177	0	0	76	2.4	1.7	0.7	1.0	L0.5	0.7	P0.1	S0.3	2.5	2.0	0.8	1.3	S3.0	C0.5	S0.1	C0.2	C0.3	31.7
4.0	0.4	0.3	64	0.0	3.8	6.5	177	0	0	75	0.9	-0.1	-0.4	0.6	H0.2	-0.5	S0.5	S0.1	0.6	0.4	0.5	1.1	S1.4	C0.7	S0.4	0.0	C0.2	14.9
7.0	3.6	3.0	65	3.6	4.5	7.7	177	0	0	76	2.2	1.8	0.7	1.1	L0.5	0.6	0.0	S0.8	2.7	1.8	0.8	0.7	S2.9	C1.1	S0.3	C0.4	C0.6	30.0
4.7	1.5	-1.2	63	-1.3	0.0	5.9	177	0	0	76	2.1	1.3	0.0	1.4	H0.1	0.9	S0.2	S0.5	2.1	1.7	1.1	0.0	S2.6	C0.4	L0.1	C1.3	C0.4	22.5
5.8	1.5	0.4	65	1.7	3.1	6.7	176	0	0	75	1.1	0.3	0.2	1.1	L0.5	0.2	S0.5	L0.2	0.4	0.9	0.8	0.5	S0.2	C0.3	0.0	C0.9	C0.2	6.8
4.9	0.3	1.2	64	1.8	2.3	6.2	176	0	0	74	1.5	0.6	0.5	0.6	H0.3	0.5	0.0	S0.7	1.9	1.6	0.4	0.5	S1.8	C0.6	L0.4	C0.3	0.0	19.7
5.6	0.3	1.6	50	1.6	4.3	3.9	175	0	0	68	1.5	0.7	0.4	0.7	H0.5	0.4	P0.3	S0.8	1.9	0.8	0.6	0.9	S2.1	C0.6	S0.1	C0.5	C0.2	21.4
4.9	0.1	-1.1	58	-0.6	2.8	6.8	174	0	0	73	2.1	1.4	0.8	0.8	H0.3	1.0	P0.6	S1.0	2.8	1.5	0.6	1.3	S2.8	C1.6	L0.3	C0.1	C0.2	31.1
4.8	0.2	2.0	57	2.2	4.3	5.1	174	0	0	73	1.8	1.8	0.4	1.6	L1.3	0.1	S0.2	S0.8	1.4	2.3	1.2	1.3	S1.4	C1.4	L0.3	C1.2	B0.6	22.7
5.9	0.9	-1.1	64	-0.5	2.3	7.2	174	0	0	77	1.8	-0.1	0.2	0.9	H0.4	0.5	P0.8	S0.9	2.4	1.5	0.7	0.7	S2.5	C1.3	S0.3	C0.8	0.0	26.8
5.1	0.6	1.3	62	1.4	1.5	5.7	173	0	0	74	2.2	1.0	1.2	0.2	H0.7	1.2	P1.1	S1.8	3.1	1.5	0.2	0.9	S2.7	C2.0	0.0	C0.1	B0.2	30.8
6.1	2.5	2.8	64	2.9	4.2	6.6	173	0	0	75	1.9	1.9	1.5	0.5	L0.3	0.9	P0.4	S1.1	2.4	1.2	0.4	1.0	S2.4	C0.7	L0.9	C0.8	C0.1	24.1
3.6	1.2	-0.5	58	-0.5	1.6	5.4	173	0	0	73	1.6	0.5	0.4	0.5	L0.1	0.2	P0.4	S0.7	2.0	1.3	0.4	0.8	S1.8	C1.2	S0.3	C0.8	C0.1	22.3
2.8	-0.4	0.0	59	0.8	3.0	6.5	172	0	0	75	1.7	1.0	0.3	1.5	L1.5	-0.2	S0.3	L0.5	0.1	2.2	1.1	0.7	S0.5	W0.7	L0.7	W0.5	C0.1	9.1
4.0	0.4	-2.0	62	-2.4	0.6	6.4	172	0	0	76	1.8	1.9	1.0	1.1	H0.6	1.1	P0.9	S1.0	2.9	1.5	0.8	0.4	S2.9	C1.3	L0.5	C0.7	0.0	27.6
4.8	0.2	-0.5	61	-1.1	-0.1	5.6	172	0	0	74	1.9	0.9	0.3	0.6	H0.7	0.8	P1.1	S1.3	2.3	1.3	0.5	0.3	S2.9	C1.0	L0.7	C0.5	C0.3	23.1
5.0	1.2	-0.6	63	0.4	4.0	5.8	170	0	0	74	1.3	-0.1	0.6	0.7	L0.3	0.1	P0.1	S0.2	0.8	0.6	0.5	0.8	S0.7	C0.4	L0.5	C0.9	0.0	9.9
4.3	1.2	1.6	64	1.4	2.0	6.2	169	0	0	75	1.2	1.7	0.9	0.5	L1.1	0.4	S0.3	S0.2	1.1	1.0	0.3	1.0	S1.4	W0.1	L0.6	C1.0	C0.2	14.8
5.8	3.2	0.8	60	1.3	1.8	6.9	169	0	0	74	1.9	0.0	0.1	0.9	H0.6	0.4	P0.7	S0.4	2.2	1.3	0.7	0.4	S2.2	C1.1	S0.3	C1.2	B0.3	23.0
5.9	2.7	1.0	66	1.4	3.7	7.0	169	0	0	75	1.2	0.4	-0.4	0.5	H0.5	0.3	P0.6	S0.8	1.9	0.9	0.4	0.5	S2.7	C0.6	S0.1	C0.9	C0.2	22.8
4.7	0.4	2.8	64	2.5	1.5	6.7	169	0	0	76	1.6	1.3	0.3	1.2	H0.1	0.6	0.0	S0.5	1.6	1.2	0.9	0.9	S1.8	C1.0	L0.7	C1.0	C0.3	19.5
4.8	1.5	1.7	63	2.2	3.2	5.3	168	0	0	74	1.0	1.3	0.9	0.6	0.0	0.7	S0.1	S0.4	0.8	0.6	0.4	0.7	S0.7	C1.1	L0.6	C0.3	0.0	10.2
3.3	-0.2	0.5	60	1.1	2.4	4.2	168	0	0	72	1.3	2.4	1.4	0.3	H0.6	1.5	P0.5	S1.3	3.0	0.6	0.2	-0.2	S3.2	C0.7	0.0	C0.9	C0.5	24.6
5.3	2.1	1.9	43	2.8	3.8	3.3	167	0	0	62	0.8	0.1	-0.4	0.2	H0.9	0.3	P0.3	S0.5	1.7	0.3	0.1	-0.1	S2.0	C1.1	S0.7	C0.4	C0.2	16.7
5.3	1.2	-1.0	64	-0.5	0.0	6.1	167	0	0	76	1.6	1.4	0.2	0.7	L0.1	0.9	P0.3	S1.0	2.3	1.1	0.5	0.3	S2.7	C0.9	L0.3	C1.3	C0.4	23.4
3.1	-2.2	-2.7	65	-3.5	-1.4	7.2	166	0	0	77	2.2	2.3	1.0	1.9	H0.6	1.4	P0.4	S1.3	2.5	1.9	1.4	0.5	S2.0	C0.6	L0.5	C0.3	C0.3	23.1
7.1	2.8	2.1	65	2.7	3.8	7.7	166	0	0	76	1.9	1.4	0.6	0.7	L0.1	0.5	P0.4	S1.1	2.5	1.1	0.5	0.9	S3.1	C1.1	S0.2	C0.4	C0.6	29.1
4.1	-0.6	-0.9	65	-0.4	0.8	7.0	166	0	0	77	1.4	0.3	0.3	0.9	H1.1	0.9	P0.9	S0.6	2.1	1.5	0.7	0.1	S2.1	W0.1	L0.7	C0.2	B0.1	18.5
1.5	-0.7	-2.2	60	-3.4	-0.8	5.1	165	0	0	73	0.7	0.1	0.0	0.6	L0.6	0.0	S0.2	L0.1	0.6	-0.5	0.5	0.4	S0.6	C1.7	S0.7	C1.2	C0.8	8.0
4.4	0.7	-0.6	61	-0.8	0.5	5.1	164	0	0	73	1.5	0.4	0.9	0.1	H0.7	0.6	P1.0	S1.1	2.3	0.8	0.1	0.8	S2.3	W0.1	L0.7	C0.2	C0.1	20.8
3.7	-2.2	-0.6	59	-0.2	1.3	5.7	164	0	0	73	1.7	0.3	0.0	0.2	H0.8	0.3	P0.7	S0.9	2.4	1.4	0.2	0.5	S2.9	C0.9	L0.2	C0.1	B0.2	26.2
4.5	0.9	1.0	65	1.5	2.8	6.7	164	0	0	76	1.6	0.4	0.5	0.6	L0.3	0.0	P0.7	S0.8	2.3	1.3	0.4	0.0	S2.1	W0.2	L0.2	C0.3	B0.1	18.8
5.1	1.6	-0.4	64	1.1	1.5	6.9	163	0	0	77	1.8	0.8	0.6	1.3	H0.2	0.8	P0.3	S0.9	2.2	1.0	1.0	0.7	S2.0	C1.9				

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Genomic Tested (G) Bulls by JPI December 2018

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 SEXING TI WAYLON {3}-ET	840003132350488	99K	93	F	551JE1691			75	1657	-0.13	50	-0.01	58	472	458	429	411	2.99
G	JX SEXING AVON WOODROW {3}-ET	840003132350056	99K	100	F	551JE1673			75	1613	-0.19	35	-0.02	53	475	468	452	419	3.01
G	JX FARIA BROTHERS KENNY {3}-ET	840003140306013	99K	100	F	551JE1713			76	1248	0.08	77	0.01	47	540	522	487	432	2.93
G	JX SCHULTZ AVON HAGGARD {3}	USA 119736902	99K	100	F	29JE4061			76	1636	-0.23	29	-0.06	45	461	464	474	405	2.86
G	JX FARIA BROTHERS FUTURE {3}-ET	840003126052250	99K	100	F	1JE966			77	852	0.09	60	0.03	36	520	500	460	423	2.89
G	JX SEXING AVON BANTER {3}-ET	840003132350112	99K	100	F	551JE1670			76	1660	-0.19	38	-0.04	52	478	474	466	407	2.98
G	JX SEXING AVON BELLMAN {3}-ET	840003132350031	99K	100	F	551JE1678			76	1238	-0.11	35	-0.03	39	485	479	470	425	2.90
G	JX PROGENESIS MONDAY {3}-ET	124 110517097	99K	100	F	200JE1156			75	1043	-0.06	38	0.00	38	486	474	448	404	2.94
G	JX ROCK SOLID ANVIL {3}	USA 075211026	99K	100	F	200JE1126			76	1371	-0.10	45	0.00	50	477	460	425	377	2.88
G	JX FARIA BROTHERS BOOGIE COUSINS {3}-ET	840003135124227	99K	92	F	1JE1056			76	846	-0.04	32	0.03	37	478	456	412	451	2.88
G	JX FARIA BROTHERS ZELLER {3}-ET	840003135124385	99K	100	F	200JE1121			76	1065	0.07	65	0.03	45	525	505	461	393	3.06
G	JX ALL LYNNS AVON RANSOM {3}	USA 119874381	99K	100	F	551JE1707			76	732	-0.03	28	0.02	30	478	462	431	438	2.90
G	JX ALL LYNNS MARLO VOTER {3}-ET	USA 119534407	99K	100	F	29JE4049			77	500	0.23	71	0.10	39	548	507	419	392	2.89
G	JX AARDEMA ALTAAPLUS {3}	840003012659207	99K	100	F	11JE1355			76	1122	-0.09	34	-0.03	35	457	452	444	438	2.89
G	JX ROWLEYS ALTALEMOR {3}-ET	USA 067792215	99K	91	F	11JE1330			75	1241	-0.14	29	-0.05	34	451	452	458	457	2.83
G	JX AARDEMA BRANCH {3}	840003012316414	99K	93	F	1JE1040			76	1278	-0.17	25	-0.04	38	449	448	446	452	2.92
G	JX BLUE MIST MILO {3}-ET	USA 119755044	99K	100	F	14JE767			77	740	0.13	62	0.04	35	530	507	460	412	2.92
G	JX SEXING MARLO PATRON {3}-ET	840003123614852	99K	100	F	551JE1658			76	453	0.20	61	0.08	32	484	451	381	400	2.83
G	JX AHLEM RUFIO {3}	USA 074067757	99K	92	F	200JE1080			76	906	0.04	51	-0.04	25	490	487	485	403	2.70
G	JX SEXING UNCLE LUKE WARWAGON {3}-ET	840003132350977	99K	89	F	551JE1697			74	1339	-0.05	53	0.01	50	495	479	444	421	3.00
G	JX FARIA BROTHERS ALLEN IVERSON {3}-ET	840003135124354	99K	89	F	29JE4069			75	1160	0.05	65	0.01	44	502	483	446	377	2.83
G	JX D&E AVON PECOS {3}	840003131651304	99K	100	F	7JE1565			75	1139	-0.05	43	0.01	44	483	467	432	413	2.98
G	JX SEXING AVON BURRO {3}-ET	840003132350183	99K	100	F	551JE1671			76	1464	-0.17	34	-0.05	43	444	443	442	396	2.88
G	JX MEIER MARLO BARLEY {3}	USA 067179096	99K	100	F	551JE1679			76	1040	0.01	52	-0.01	36	488	478	458	425	2.89
G	JX STEINHAUERS ROLLINS {3}-ET	USA 119723742	99K	100	F	200JE1109			78	385	0.21	61	0.08	30	510	481	416	429	3.03
G	JX GRAZELAND PT ALTAWISHBONE {4}	USA 067771271	99K	92	F	11JE1329			76	1552	-0.04	65	0.03	63	503	474	413	360	2.91
G	JX DUPAT JLS AVON HARAMBE {3}-ET	840003127607531	99K	88	C	7JE1583			74	1514	-0.13	44	-0.03	47	470	466	458	418	2.92
G	JX DUPAT JLS AVON STEPH {3}-P-ET	840003127607527	99K	91	F	7JE1570			76	1346	-0.07	49	-0.01	46	482	471	448	409	2.92
G	JX CROSSWIND ALTASKYHIGH {3}-ET	840003142511752	99K	100	C	11JE1347			75	1323	-0.15	32	-0.05	38	442	444	448	415	2.94
G	JX SEXING AVON BOYT {3}-ET	840003132350169	99K	100	F	551JE1672			76	1546	-0.22	27	-0.04	47	452	449	446	381	2.95
G	JX CROSSWIND MARL OASIS {3}-ET	840003134421682	99K	100	C	1JE1042			77	802	0.12	63	0.03	34	505	488	452	404	2.97
G	JX AARDEMA APPROACH {3}	840003012659001	99K	100	F	1JE1028			76	587	0.16	60	0.01	24	535	521	493	456	2.83
G	JX OAK LANE DISCOVERY {3}-ET	USA 067742192	99K	100	F	97JE171			76	984	-0.08	30	-0.01	33	450	443	429	415	2.95
G	JX CO-OP AD MARLO TEX {3}	840003012658885	99K	92	F	1JE982			76	1239	-0.01	57	0.00	45	456	442	413	343	2.95
G	JX CROSSWIND CROSBY {3}-ET	840003134421672	99K	100	F	200JE1103			77	870	-0.08	24	0.02	36	425	404	362	359	2.77
G	JX SEXING AVON BOOTS {3}-ET	840003132350064	99K	91	F	551JE1662			75	1588	-0.20	32	-0.07	42	428	437	456	401	2.99
G	JX SEXING AVON ZARKO {3}-ET	840003132350050	99K	100	F	551JE1674			76	1170	-0.18	18	-0.01	39	423	415	400	392	2.95
G	JX AARDEMA SOARING {3}	840003012658917	99K	100	F	200JE1092			75	884	0.06	54	0.03	38	463	441	396	411	2.86
G	JX AJ ZEKE {3}-ET	USA 067693234	99K	100	F	29JE4090			76	695	0.07	48	0.04	33	457	435	390	389	2.91
G	JX AARDEMA FEARLESS {3}	840003012658969	99K	100	F	1JE998			76	883	-0.01	39	0.03	38	446	426	384	424	2.96
G	JX FARIA BROTHERS CAFU {3}	840003126052218	99K	91	C	551JE1652			75	1678	-0.17	43	-0.02	55	427	420	404	389	3.01
G	JX SEXING AVON PULSAR {3}-ET	840003132350041	99K	100	F	551JE1669			76	1475	-0.14	40	-0.04	45	431	429	426	392	2.97
G	JX AARDEMA ZEBULON {3}	840003012658925	99K	100	F	200JE1096			77	1203	-0.18	19	-0.04	34	410	409	411	369	2.81
G	JX AVI-LANCHE ALTAAGILE {3}	840003131652148	99K	92	F	11JE1344			75	796	0.08	55	0.00	28	468	457	437	441	2.82
G	JX FOREST GLEN AVON JARGON {3}	USA 067650225	99K	100	F	551JE1708			76	573	-0.03	21	0.03	26	410	393	356	387	2.83
G	JX SUN VALLEY AVON CORONA {3}-ET	USA 119758711	99K	100	F	97JE163			76	1255	-0.10	38	-0.02	41	434	427	413	376	2.93
G	JX FARIA BROTHERS FIGO {3}-ET	840003135124340	99K	100	F	7JE1602			75	1593	-0.16	42	-0.05	47	417	417	420	380	2.98
G	JX AARDEMA CONTENDER {3}	840003012658912	99K	100	F	1JE992			76	1416	-0.15	35	-0.03	44	408	403	393	370	2.86
G	JX SEXING AVON TIPPER {3}-ET	840003132350177	99K	100	C	551JE1677			75	1021	-0.03	43	0.01	38	450	437	410	407	2.97
G	JX CO-OP CARPDIEM {3}	840003012658984	99K	100	F	1JE999			75	795	0.02	42	0.01	31	418	404	374	372	2.86
G	JX STEINHAUERS ALTARAZZLES {3}-ET	USA 119723694	99K	100	F	11JE1327			77	817	0.03	45	0.03	35	433	416	379	395	3.01
G	JX SEXING AVON CHAMBER {3}-ET	840003132350009	99K	100	F	551JE1675			76	1176	-0.14	27	-0.01	40	407	400	386	374	3.06
G	JX SMJ VANDRELL GIDEON {3}	USA 067631732	99K	100	F	29JE4059			76	778	0.04	45	0.03	34	435	416	376	373	2.91
G	JX FARIA BROTHERS HESTER {3}	840003135124304	99K	100	F	551JE1706			76	905	0.05	53	0.00	33	436	423	399	382	2.87
G	JX AARDEMA EVERLASTING {3}	840003009543945	99K	93	F	1JE1048			75	963	0.04	55	-0.04	27	481	484	490	427	2.98
G	JX FARIA BROTHERS MULLER {3}	840003126052176	50K	92	F	200JE1081			75	1105	-0.03	47	-0.02	36	453	447	437	370	2.98
G	JX HI-LAND VANDRELL FRODO {3}	USA 067388448	99K	93	F	1JE961			76	684	0.06	45	0.07	39	449	418	350	371	2.94
G	JX AARDEMA SUMMERSSET {3}	840003012658900	99K	100	F	200JE1095			76	1483	-0.19	31	-0.03	46	406	402	394	343	2.93
G	JX CROSSWIND LANDING {3}-ET	840003134421669	50K	100	F	200JE1093			76	1189	-0.10	36	-0.01	40	405	396	379	307	2.92
G	JX ROWLEYS MARLO STRIKE {3}	USA 067322177	13K	100	F	97JE151			75	640	0.16	63	0.06	36	474	446	386	353	2.97
G	JX AARDEMA UPSTREAM {3}	840003012658911	99K	100	F	200JE1091			75	1001	-0.09	28	-0.02	31	386	380	372	364	2.84
G	JX AHLEM DENTINE {3}-ET	USA 067823081	50K	92	F	14JE749			75	1275	-0.17	25	-0.04	37	384	384	386	339	2.92
G	JX SCHULTZ CLARENCE {3}	USA 119736881	99K	100	F	200JE1108			75	1473	-0.19	29	-0.08	37	378	383	400	334	2.73
G	JX SEXING AVON BOWIE {3}-ET	840003132350219	99K	93	F	551JE1665			75	1334	-0.15	32	-0.07	33	385	397	422	354	3.01
G	JX SEXING MARLO POPEYE 61036 {3}-ET	840003010364783	99K	100	F	551JE1646			77	636	0.07	44	0.01	25	383	372	349	308	2.93
G	JX AARDEMA VAGABOND {3}	840003012658942	99K	88	F	200JE1097			72	1420	-0.30	4	-0.09	31	294	311	350	317	2.94
G	JX SEXING GOLDBRICKP 60877 {4}-P-ET	840003010364624	13K	92	C	551JE1644			75	648	-0.06	19	0.02	28	309	295	265	250	3.01

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Genomic Tested (G) Bulls by JPI December 2018

PL	LIV	DPR	REL	CCR	HCR	EFI	JPI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
2.6	-3.0	-0.2	58	-0.1	0.5	4.9	152	0	0	72	1.5	1.1	-0.2	0.6	H0.3	0.2	P0.8	S0.8	1.7	1.4	0.4	0.3	S2.3	C0.4	L1.1	C0.1	B0.2	18.7
4.4	1.3	0.6	61	0.8	2.0	5.3	152	0	0	73	1.4	0.8	1.0	0.0	H0.6	0.8	P0.7	S1.0	2.4	1.0	0.0	0.8	S2.8	C0.6	L0.8	C0.2	C0.1	24.5
2.9	-0.9	-0.9	64	-2.1	-0.7	6.3	152	0	0	77	1.0	0.9	0.4	0.8	L0.6	0.5	S0.6	S0.3	1.0	0.7	0.6	0.7	S1.0	C1.0	L0.6	C0.7	C0.1	12.2
5.9	1.4	0.3	64	1.1	3.6	6.4	152	0	0	76	2.0	1.8	1.0	0.6	L0.4	0.6	P0.4	S0.8	2.7	1.6	0.4	0.6	S3.2	C1.1	L0.2	C0.7	0.0	29.6
3.6	1.8	-0.4	64	-0.7	-0.1	6.1	152	0	0	76	2.0	1.1	0.3	0.7	0.0	1.0	0.0	S0.7	2.6	1.7	0.5	0.1	S2.8	C0.6	S0.1	C1.3	C0.4	25.7
3.6	1.9	-0.4	66	-0.5	3.2	7.7	151	0	0	77	2.3	2.6	1.0	1.7	L0.6	0.9	P0.5	S1.0	2.2	2.3	1.2	0.6	S2.3	C0.1	L0.7	C0.8	B0.4	24.0
5.2	2.6	0.6	64	0.5	2.7	6.8	151	0	0	76	2.5	1.3	0.9	0.8	L0.5	0.7	P0.7	S1.1	2.9	2.2	0.6	0.8	S2.9	C0.4	L0.5	C0.8	B0.4	29.8
5.4	2.5	-0.1	64	0.6	2.4	6.8	151	0	0	75	1.7	0.7	-0.1	0.5	L0.1	-0.1	P0.3	S0.3	2.6	1.7	0.4	0.2	S3.2	C0.3	L0.4	C0.1	C0.1	26.7
3.8	0.0	-1.0	64	-0.9	1.5	6.2	150	0	0	76	2.0	1.7	1.2	1.4	L0.1	0.8	P0.1	S0.7	2.2	1.6	1.0	1.1	S1.9	C0.8	L0.5	C0.7	B0.2	23.5
5.1	2.2	2.4	62	2.6	4.1	5.8	150	0	0	75	1.1	1.1	0.7	-0.1	H0.5	0.7	P0.8	S0.9	2.1	0.6	-0.1	0.2	S2.7	W0.3	L0.4	C0.7	C0.3	19.4
3.8	-0.4	-2.0	62	-2.4	0.4	7.8	149	0	0	76	2.3	1.5	0.6	1.7	L0.1	1.0	P0.6	S0.6	1.9	2.4	1.3	1.0	S2.2	C0.3	S0.5	C0.4	C0.2	26.7
6.5	3.0	2.1	65	2.0	3.2	6.9	149	0	0	76	1.9	0.9	0.6	0.1	H1.0	1.0	P0.9	S0.8	3.5	1.3	0.1	0.5	S3.6	C0.1	L0.7	C0.5	B0.1	30.4
3.3	1.3	-2.1	67	-1.9	1.5	8.3	148	0	0	77	1.1	0.9	-0.3	1.4	L0.9	0.2	S0.4	L0.1	0.4	1.1	1.0	0.2	S0.6	W0.6	L0.7	C0.4	C0.7	5.7
4.9	1.3	1.6	64	2.5	4.0	6.7	148	0	0	75	1.7	0.7	-0.2	1.3	L0.3	0.3	S0.1	S0.6	1.6	1.7	1.0	0.6	S2.1	0.0	S0.1	C0.4	C0.1	21.0
5.5	2.3	2.8	61	3.6	4.1	5.3	148	0	0	74	1.7	1.7	0.7	0.3	L0.1	0.5	P0.2	S0.6	2.3	1.0	0.3	0.4	S2.5	C0.0	L0.2	C0.6	C0.1	22.1
5.6	2.7	2.8	64	3.9	3.6	6.4	147	0	0	74	1.4	0.7	0.2	0.7	L0.6	0.0	S0.1	L0.1	1.3	1.2	0.5	0.4	S1.7	0.0	L0.3	C0.1	B0.1	15.6
4.8	1.0	-0.7	66	-1.9	0.4	7.8	147	0	0	77	1.8	2.4	0.6	0.5	L1.4	0.9	P0.1	S1.2	2.3	1.4	0.4	0.3	S3.1	C0.2	L0.1	C1.2	C0.4	25.4
3.4	-2.7	-0.1	67	-0.2	-0.5	8.1	147	0	0	77	2.1	0.6	-0.4	1.3	H0.6	0.6	P0.5	S0.5	2.3	1.6	1.0	0.4	S2.2	C0.9	S0.1	C0.9	C0.3	23.5
5.9	2.1	-0.3	62	-0.2	1.9	7.0	147	0	0	76	1.7	0.9	0.4	0.5	H0.9	0.7	P0.6	S0.6	2.7	0.8	0.3	0.4	S2.9	C1.8	S0.5	C1.1	C0.3	27.4
3.8	-0.1	0.1	55	0.4	2.2	4.6	146	0	0	72	1.1	1.2	1.0	-0.4	L0.7	0.7	P0.4	S0.3	1.6	1.0	-0.3	0.4	S2.2	W0.4	L1.5	C0.4	0.0	15.6
2.7	0.9	-2.1	57	-1.1	1.4	4.9	146	0	0	73	1.2	1.0	0.6	-0.4	L0.5	0.2	P0.3	S0.4	1.9	0.6	-0.3	0.1	S2.5	W0.4	L0.6	W0.1	C0.2	17.0
4.4	1.6	0.3	62	1.3	2.4	5.4	146	0	0	75	1.5	1.3	1.3	0.3	H0.1	1.1	P0.7	S0.8	2.5	0.6	0.2	0.3	S2.6	C0.9	L0.4	C0.3	C0.2	22.0
3.9	1.2	0.2	65	0.8	3.1	7.4	146	0	0	76	2.4	2.0	0.6	1.2	L1.4	0.5	P0.1	S0.7	2.2	2.8	0.9	0.7	S2.5	C0.2	L0.2	C0.8	B0.4	27.5
4.1	1.7	0.4	64	0.7	1.8	6.5	146	0	0	76	1.5	1.0	0.1	1.1	L0.6	0.4	S0.5	S0.6	0.7	1.1	0.9	1.3	S1.2	C0.7	L0.2	C0.7	C0.2	16.0
4.1	-1.5	0.2	67	0.0	-1.1	8.3	146	0	0	79	2.7	1.0	-0.5	1.5	H1.0	0.8	P0.6	S1.2	2.8	2.4	1.1	0.0	S3.1	C0.9	S0.5	C1.6	B0.2	30.2
1.9	-2.7	-2.4	63	-3.0	-2.3	6.2	145	0	0	76	1.4	4.0	1.2	1.4	L0.3	1.3	P0.2	S0.5	1.2	1.8	1.1	-0.2	S1.8	W0.3	L1.1	W0.3	C0.2	13.4
4.0	1.1	0.6	59	1.1	1.4	4.5	145	0	0	72	1.3	1.5	1.0	0.6	L0.2	0.4	0.0	S0.4	1.8	1.0	0.5	0.6	S1.6	C0.2	L0.6	C0.6	C0.1	16.6
3.8	0.5	0.0	65	-0.1	0.9	6.4	145	0	0	76	1.2	0.4	0.6	0.4	L0.2	0.2	P0.7	S0.6	2.0	0.6	0.3	0.3	S2.0	0.0	L0.6	C0.3	B0.1	16.5
5.2	1.6	1.5	63	1.5	2.7	6.0	145	0	0	75	1.9	0.9	0.5	0.4	H0.2	0.3	P0.2	S0.4	2.6	1.1	0.3	0.7	S3.2	C0.7	L0.1	C1.0	C0.2	28.1
4.7	2.2	-0.3	66	-0.2	2.5	7.9	144	0	0	77	2.2	1.8	0.8	1.3	L0.5	1.0	P0.7	S1.3	2.7	2.4	1.0	0.3	S3.0	C0.1	L0.5	C0.8	B0.4	28.0
3.5	1.0	-0.8	64	-1.5	-0.1	7.3	144	0	0	77	1.8	0.9	-0.3	1.3	L0.7	0.3	P0.2	S0.5	1.7	1.7	1.0	0.8	S2.1	C0.6	0.0	C0.7	C0.4	22.7
6.2	2.1	0.8	63	0.5	1.9	6.2	144	0	0	75	1.3	1.3	0.3	0.5	H0.1	0.7	P0.1	S0.9	1.1	0.7	0.4	0.6	S1.9	C0.1	L0.4	C1.1	C0.2	15.3
5.7	2.5	1.6	65	2.1	3.1	7.6	142	0	0	77	1.7	1.1	0.5	0.9	H0.6	0.6	P0.1	S0.9	2.4	0.9	0.7	0.6	S2.6	C0.9	S0.3	C0.4	C0.6	24.9
2.5	-1.1	-1.9	63	-2.6	-1.2	5.3	141	0	0	75	2.3	1.4	0.2	1.5	L0.7	0.9	P0.3	S0.6	2.2	1.5	1.1	0.7	S2.7	C1.5	S0.9	C1.2	C0.2	28.5
4.8	1.7	0.2	66	1.3	4.3	7.3	141	0	0	77	1.9	-0.3	0.0	0.9	L0.2	0.1	P0.3	S0.4	1.7	1.8	0.7	0.5	S1.3	C0.1	S0.2	C0.5	C0.2	17.8
4.7	1.6	1.1	61	0.8	3.4	5.4	140	0	0	73	1.6	1.9	0.8	0.3	L0.3	0.5	P0.2	S0.8	2.5	1.3	0.3	0.8	S3.1	C0.3	0.0	C0.7	B0.2	27.9
5.2	2.5	1.6	65	1.6	2.2	6.4	140	0	0	76	1.3	0.5	-0.2	0.1	H0.7	0.6	P1.1	S1.0	2.8	1.1	0.1	0.4	S3.4	C0.2	L0.7	C0.7	C0.3	26.7
2.6	0.7	0.7	63	1.3	3.5	5.4	140	0	0	73	0.4	0.1	0.3	-0.3	L0.4	0.1	P0.1	S0.2	0.7	0.2	-0.2	0.2	S1.2	W0.4	L0.1	C0.4	C0.4	8.0
3.7	0.8	0.3	65	0.4	2.2	7.5	139	0	0	77	1.6	0.1	-0.1	1.2	L0.3	-0.2	0.0	S0.5	0.8	1.0	0.9	1.3	S0.8	C0.6	S0.3	C1.5	C0.4	14.9
4.2	1.2	2.1	66	3.0	4.8	7.2	138	0	0	75	0.7	0.2	0.3	-0.2	L1.0	0.0	S0.7	L0.5	0.9	0.6	-0.1	-0.4	S1.2	W0.9	L0.4	C0.4	C0.3	6.2
2.0	1.3	0.5	60	1.8	4.1	4.7	137	0	0	73	0.7	0.7	0.8	1.0	L0.9	0.2	S1.0	L0.4	-0.3	0.2	0.7	0.9	D1.1	C0.6	S0.1	C0.7	C0.5	-0.8
3.7	0.0	0.8	66	0.1	1.7	7.4	137	0	0	76	1.5	1.1	0.2	1.1	L0.7	-0.2	S0.1	L0.1	1.2	1.4	0.8	0.8	S1.4	0.0	L0.8	C1.1	B0.1	15.3
5.8	2.7	0.9	66	1.9	3.0	7.7	137	0	0	76	1.7	1.1	-0.1	0.9	L0.8	-0.4	P0.2	S0.7	1.4	1.2	0.6	1.0	S2.1	C0.4	S0.4	C0.8	C0.1	21.6
3.6	0.8	1.7	60	1.3	2.8	5.4	137	0	0	75	1.3	1.2	0.2	0.9	L0.5	0.3	S0.1	S0.4	0.7	0.8	0.7	0.3	S1.2	W0.7	L0.4	C0.3	C0.3	9.2
5.2	1.9	2.3	63	1.7	1.8	5.9	137	0	0	75	1.9	1.4	0.4	0.6	H0.3	0.4	P0.4	S0.9	2.7	1.6	0.5	0.8	S3.8	W0.2	L0.1	C0.6	B0.1	31.6
5.1	1.2	0.8	65	0.7	1.6	6.7	136	0	0	76	1.1	1.1	0.8	0.4	L1.0	0.3	S0.8	L0.4	1.4	0.7	0.3	0.9	S1.2	C1.0	L0.1	C1.0	C0.2	15.8
3.0	0.1	0.6	63	0.5	1.4	5.8	134	0	0	74	1.2	1.0	0.4	0.5	L0.8	-0.2	S0.5	L0.1	1.1	1.1	0.3	0.9	S1.6	W0.6	L1.0	C0.4	C0.3	14.3
3.4	0.3	0.5	66	1.6	3.1	7.5	134	0	0	75	1.2	0.5	0.4	0.9	0.0	0.2	S0.3	L0.3	1.0	1.2	0.7	0.7	S0.6	C0.2	L1.1	C0.7	C0.5	9.9
3.7	1.5	1.3	63	0.8	1.4	5.7	134	0	0	75	1.2	1.3	1.1	0.3	L0.5	0.5	P0.4	S0.6	2.0	0.9	0.2	0.4	S2.0	C0.2	L0.6	C1.0	C0.1	17.9
4.0	-1.4	0.5	61	0.4	3.9	5.1	133	0	0	73	1.7	0.2	0.6	0.7	H0.1	0.5	P0.5	S0.7	2.8	1.4	0.5	0.5	S2.3	C0.8	L0.6	C0.6	C0.3	24.0
3.2	-1.1	0.9	65	1.4	0.0	6.6	132	0	0	78	2.2	0.7	-0.3	1.0	H0.4	0.4	P0.4	S1.0	1.9	2.0	0.8	0.2	S2.0	C1.0	S0.1	C1.6	B0.2	21.9
4.3	2.3	1.3	66	1.3	3.4	7.3	131	0	0	77	1.4	2.1	0.6	0.2	L1.0	0.4	S0.2	S0.6	2.0	1.3	0.1	0.6	S2.6	W0.1	L0.1</			