

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Previous G-code Bulls by Genomic JPI August 2019

This report lists all bulls previously coded as genomically tested and marketed (NAAB status code G) that do not have 10 or more daughters with usable lactation records as of the cut-off date for this evaluation release. Official evaluations that combine the bull's genomic and progeny test information will be released after a minimum of 10 daughters have production (PTA protein) evaluations.

Name of Bull	Registration Number	GT	BBR	JH1	NAAB Code	Current AI Status	REL %	Milk	Fat	Fat	% Prot	Prot	CM\$	NM\$	FM\$	GM\$	SCS
JX AARDEMA DELUCA {3}	840003012658921	99K	100	F	1JE993	I	76	1607	0.04	85	0.03	65	588	558	495	435	2.89
JX FARIA BROTHERS DONCIC {4}-ET	840003140371530	99K	93	F	7JE1634	P	77	922	0.10	65	0.01	36	544	526	490	449	2.78
JX FARIA BROTHERS BRIGGS {3}	840003135124085	99K	93	C	200JE1146	P	76	1108	-0.01	50	-0.01	38	539	530	512	422	2.95
JX PINE-TREE FRESCA {3}-ET	USA 067731375	99K	100	F	1JE1046	I	77	277	0.23	59	0.11	32	544	502	412	419	2.80
JX FARIA BROTHERS DIRK {3}-P-ET	840003140371284	99K	93	F	200JE1143	P	75	1061	0.07	66	0.04	47	523	498	443	404	2.97
JX CO-OP MARLO CURRY {3}-ET	840003012658854	99K	91	F	1JE971	I	77	113	0.24	53	0.07	18	545	517	460	465	2.80
JX CAL-MART AVON PAVIT {3}	USA 067384587	99K	91	F	29JE4103	P	75	1335	-0.16	30	-0.04	39	472	470	471	409	2.88
JX FARIA BROTHERS ALTAKROOS {4}-ET	840003149514425	99K	92	F	11JE1392	P	71	899	0.13	69	0.02	37	519	500	461	375	2.88
JX HIGHVIEW GUNSMOKE {3}	840003130020244	50K	93	F	14JE762	P	76	1141	0.04	62	0.02	46	493	473	430	366	2.94
JX FARIA BROTHERS JACKSON {5}-ET	840003135124481	99K	91	C	200JE1123	P	75	881	0.18	79	0.08	48	547	513	440	373	3.09
JX FARIA BROTHERS ALTAPIPELINE {3}	840003140371467	99K	91	F	11JE1358	P	76	1180	-0.01	55	0.01	44	479	461	425	382	2.83
JX FARIA BROTHERS ALTABALE {4}	840003144724230	99K	91	F	11JE1365	P	75	1449	-0.01	66	0.01	55	479	458	414	330	2.89
JX FARIA BROTHERS LAWSON {4}	840003144724329	99K	93	F	1JE1101	I	75	1683	-0.06	67	0.01	63	483	458	407	276	2.77
JX FARIA BROTHERS SUAREZ {3}	840003126052156	50K	91	C	200JE1083	P	75	486	0.16	56	0.09	36	487	447	364	338	2.76
JX FARIA BROTHERS ROZAY {4}-ET	840003144724434	99K	92	F	7JE1689	P	72	578	0.14	56	0.05	31	508	485	436	403	2.96
JX CAL-MART AVON PAVIT 4521 {3}	USA 067384521	99K	92	F	14JE768	P	75	1715	-0.19	40	-0.03	56	470	463	450	422	3.08
JX FARIA BROTHERS RAKITIC {3}	840003126051974	99K	90	F	200JE1056	I	79	1350	0.02	68	0.04	56	476	451	396	302	3.00
JX FARIA BROTHERS VEGA {3}	840003140371270	99K	91	F	29JE4091	P	75	995	0.00	48	0.01	37	460	445	415	390	2.84
JX AARDEMA CRUSADER {3}	840003009543941	99K	91	F	200JE1129	P	75	1369	-0.08	48	-0.02	44	466	461	450	364	2.98
JX CROSSWIND MARL OASIS {3}-ET	840003134421682	99K	93	C	1JE1042	I	77	690	0.12	58	0.04	32	481	463	424	359	3.01
JX ALL LYNNS MARLO VOTER {3}-ET	USA 119534407	99K	100	F	29JE4049	I	77	447	0.23	67	0.10	36	512	474	391	340	2.91
JX STEINHAUERS ROLLINS {3}-ET	USA 119723742	99K	100	F	200JE1109	P	78	322	0.20	56	0.08	28	466	438	376	381	3.07
JX SCHOENE-KUH M NORBERT {3}-ET	USA 119770294	99K	91	F	1JE1036	I	77	1198	-0.05	46	-0.01	40	445	441	430	368	3.11
JX AJ ZEKE {3}-ET	USA 067693234	99K	100	F	29JE4090	P	76	649	0.07	46	0.04	32	440	419	374	357	2.98
JX FARIA BROTHERS MANUEL {3}-ET	840003135124229	99K	93	F	200JE1120	P	77	845	0.10	60	0.06	43	458	433	376	335	3.16
JX FARIA BROTHERS AL HORFORD {3}	840003135124097	99K	92	F	1JE981	I	75	843	-0.02	35	0.00	31	422	410	386	378	2.86
JX FARIA BROTHERS FOURNETTE {3}-ET	840003135124113	99K	92	F	7JE1600	P	75	1368	-0.11	42	-0.02	45	413	405	390	321	2.95
JX AARDEMA VARELLO {3}	840003012659032	99K	90	F	1JE1037	I	75	1200	-0.10	36	-0.03	36	409	408	408	397	2.99
JX AARDEMA VANDRELL REEF {3}	840003012658892	99K	93	F	1JE985	I	75	850	0.04	49	0.02	35	445	427	391	355	2.91
JX ROWLEYS ALTALEMOR {3}-ET	USA 067792215	99K	90	F	11JE1330	P	74	1114	-0.13	25	-0.05	30	389	392	400	364	2.87
JX AARDEMA BRANCH {3}	840003012316414	99K	90	F	1JE1040	I	76	1053	-0.14	20	-0.03	32	395	394	391	362	2.97
JX FARIA BROTHERS JAE CROWDER {3}	840003135124084	99K	93	F	1JE973	P	76	657	0.13	57	0.05	33	426	402	352	356	2.90
JX FARIA BROTHERS KEVIN GARNETT {3}-ET	840003135124344	99K	91	F	29JE4070	P	76	1039	0.03	55	0.00	38	432	420	395	280	2.98
JX AARDEMA ZEBULON {3}	840003012658925	99K	100	F	200JE1096	P	76	1069	-0.17	16	-0.05	29	371	373	380	325	2.86
JX PROGGENESIS MONDAY {3}-ET	124 110517097	99K	100	F	200JE1156	P	75	858	-0.05	30	0.00	30	393	386	371	310	3.00
JX DODAN LH T-MARLO TYPHOON {3}	USA 119464490	99K	92	F	29JE4042	I	76	707	0.04	42	0.00	26	432	421	400	381	2.87
JX CROSSWIND CROSBY {3}-ET	840003134421672	99K	100	F	200JE1103	P	77	634	-0.06	17	0.02	27	361	344	309	289	2.80
JX AHLEM BARKSDALE SHOCKWAVE {3}	USA 067823028	99K	93	F	7JE1549	P	76	930	-0.07	29	-0.04	26	377	375	373	323	2.73
JX PINE-TREE ALTAFORTUNE {3}-ET	USA 067731389	99K	93	F	11JE1351	I	76	998	-0.01	46	0.02	40	407	390	352	295	2.94
JX AARDEMA MARLO ANTERO {3}	840003012658868	99K	92	F	1JE977	I	76	621	0.20	70	0.03	29	442	426	390	361	3.04
JX CO-OP MARLO STEPH {3}-ET	840003012658853	99K	93	F	1JE970	I	77	404	0.15	49	0.05	25	438	416	369	335	2.94
JX DUTCH HOLLOW ALTAMARIO {3}	840003131737298	99K	93	F	11JE1316	I	76	495	0.15	53	0.02	22	401	385	355	331	2.82
JX SANDCREEKS VAN LOUDY {3}-ET	840003134637530	99K	92	F	1JE1038	I	76	364	0.09	36	0.03	19	363	345	310	329	2.77
JX FOREST GLEN SEA BREEZE {3}	USA 067609937	99K	93	F	29JE4034	P	79	252	0.12	36	0.02	14	381	365	335	274	2.75
JX CO-OP FRONTRUNNER {3}	840003012658947	99K	91	F	1JE996	I	76	836	0.08	56	0.06	42	385	357	296	303	2.95
JX ROWLEYS MARLO STRIKE {3}	USA 067322177	13K	100	F	97JE151	P	75	533	0.15	56	0.06	32	428	403	347	322	3.01
JX CAITLINS MARLO RODEO {3}-ET	840003131650198	99K	100	C	29JE4030	I	77	459	0.04	29	-0.01	15	393	386	375	314	2.79
JX CROSSWIND LANDING {3}-ET	840003134421669	50K	92	F	200JE1093	P	76	1038	-0.08	32	-0.01	36	371	362	344	244	2.96
JX GENERATIONS AVON CLIMAX {3}-P-ET	USA 067359526	99K	91	F	29JE4095	I	76	1029	-0.12	23	-0.02	32	347	346	343	292	3.05
JX AHLEM REV ELI {3}	USA 067823022	50K	93	F	14JE747	P	75	1045	-0.06	37	-0.02	34	358	355	348	281	3.07
JX WAUNAKEE PATTERN {3}-ET	USA 073596587	99K	92	F	200JE1087	P	77	942	0.00	44	-0.04	26	377	381	390	336	3.04
JX FARIA BROTHERS HARVEY {3}	840003126052346	99K	100	F	7JE1562	P	75	886	0.04	50	-0.05	21	392	401	421	327	3.01
JX FARIA BROTHERS FIGO {3}-ET	840003135124340	99K	90	F	7JE1602	P	75	1405	-0.15	36	-0.04	43	343	342	340	267	3.02
JX AARDEMA FINDER {3}	840003012658889	99K	92	F	200JE1090	P	75	757	-0.02	31	0.03	33	337	318	279	269	2.91
JX CO-OP CARPDIEM {3}	840003012658984	99K	90	F	1JE999	I	74	665	0.03	37	0.02	27	352	339	312	274	2.94
JX AARDEMA VANDRELL TAX {3}	840003012658902	99K	90	F	1JE986	I	75	855	-0.01	39	-0.02	26	365	364	362	343	2.97
JX SCHOENE-KUH A NICHOLAS {3}-ET	USA 119805132	99K	100	F	14JE770	P	76	1556	-0.21	30	-0.05	46	312	314	318	243	3.06
JX AARDEMA SUMMERSET {3}	840003012658900	99K	93	F	200JE1095	P	76	1243	-0.18	22	-0.03	38	335	333	329	263	2.96
JX 5T PREMIER CHANNING {4}-ET	USA 117994427	50K	92	F	1JE831	I	76	147	0.19	45	0.09	24	393	360	289	301	2.94
JX AHLEM DENTINE {3}-ET	USA 067823081	50K	92	F	14JE749	P	77	1116	-0.15	21	-0.04	32	321	322	327	259	2.98
JX FARIA BROTHERS BABYFACE {3}	840003125229298	99K	92	F	1JE965	I	75	848	0.14	70	-0.02	26	400	400	398	324	3.02
JX SCHULTZ CLARENCE {3}	USA 119736881	99K	90	F	200JE1108	P	75	1230	-0.16	24	-0.07	30	311	316	333	236	2.75
JX AARDEMA UPSTREAM {3}	840003012658911	99K	92	F	200JE1091	P	75	755	-0.09	18	-0.03	21	309	308	309	283	2.84
JX FARIA BROTHERS ALTAHOCKEY {3}-ET	840003135124381	99K	92	F	11JE1336	I	77	990	0.00	46	0.01	37	351	340	315	183	3.02
JX SMJ VANDRELL GIDEON {3}	USA 067631732	99K	91	F	29JE4059	P	75	493	0.06	35	0.02	22	335	322	294	255	2.93
JX WILSONVIEW MARVELOUS SPECTRE {4}	USA 118286383	80K	93	C	97JE117	P	80	209	0.12	33	0.05	17	357	339	301	245	2.98
JX AARDEMA VAN INTEL {3}	840003012658848	99K	90	C	1JE968	I	74	870	-0.08	25	-0.01	29	283	276	263	213	2.91
JX FARIA BROTHERS RIGGINS {4}-ET	840003011610058	50K	91	C	535JE65	N	77	1296	-0.14	32	-0.08	30	299	312	343	193	2.97
JX HIGHVIEW NAPOLEAN {3}-ET	840003130020247	50K	90	F	14JE764	P	75	747	-0.18	-1	-0.02	22	226	226	226	192	2.97

Generation Count 3 or GC 4-6 with BBR 93 and Lower: Previous G-code Bulls by Genomic JPI August 2019

PL	DPR	CCR	HCR	LIV	EFI	JPI	Type		FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP RV	RTP SV	JUI
							REL	REL																		
2.7	-2.9	-1.9	2.6	-3.5	5.7	174	74	0.5	0.4	0.3	0.4	L0.3	-0.2	S0.6	L0.2	0.7	0.4	0.3	0.3	S0.4	C0.7	L0.3	W0.2	C0.3	6.4	
4.4	-0.2	-1.2	1.9	0.6	5.9	159	77	1.4	1.0	0.1	0.4	L0.4	-0.2	P0.2	S0.4	1.8	1.4	0.3	-0.1	S2.2	C0.2	S0.5	C0.5	C0.3	19.3	
6.1	-1.0	-0.8	1.9	3.7	6.9	154	77	1.9	0.1	0.3	1.0	H0.6	0.3	P0.9	S0.5	2.1	1.1	0.8	0.4	S2.1	C1.3	S0.3	C1.3	B0.3	22.0	
5.0	-0.5	-0.8	1.2	0.5	7.3	153	78	1.9	0.6	0.9	1.1	H0.8	1.0	P0.3	S0.8	2.1	1.9	0.8	0.8	S1.5	C0.8	L0.3	C0.3	B0.3	21.4	
3.1	-1.3	-1.1	2.2	1.1	4.8	151	74	0.7	0.3	0.4	0.4	H0.4	0.3	0.0	S0.3	0.9	-0.6	0.3	0.3	S1.3	C0.8	S0.8	C1.2	C0.1	10.4	
7.1	1.3	1.1	2.4	2.2	6.3	148	76	1.4	0.9	0.2	1.1	H0.5	0.6	P0.5	S0.9	1.8	1.1	0.8	0.0	S2.3	W0.1	0.0	C0.5	C0.1	18.3	
5.9	0.6	0.3	2.4	3.0	5.4	147	75	2.4	1.1	1.0	0.6	L0.3	0.5	P0.7	S1.3	2.7	1.8	0.4	1.0	S2.5	C0.8	L0.2	C0.1	C0.9	28.2	
4.5	-2.5	-2.2	1.6	-0.6	5.5	146	73	1.9	0.8	0.0	0.5	L0.3	0.3	0.0	S0.4	2.3	1.4	0.3	0.1	S2.4	C0.3	L0.1	0.0	C0.5	21.6	
3.6	-2.0	-2.1	1.2	-1.1	6.9	143	77	1.3	0.6	0.4	1.5	H0.2	0.6	S0.1	S0.2	1.3	1.1	1.1	0.7	S1.0	C0.4	L0.3	C0.8	C0.1	13.9	
3.3	-3.0	-2.5	-0.5	0.1	4.7	142	74	1.2	1.8	0.7	1.1	L1.1	0.8	P0.3	L0.1	0.7	0.8	0.8	0.1	S1.1	W0.3	S0.7	W0.8	C0.8	10.3	
4.2	-0.6	-0.7	2.3	-0.2	5.9	141	77	0.9	0.5	0.8	0.5	H0.2	0.7	S0.5	L0.4	1.2	0.6	0.4	0.4	S0.5	C0.4	L0.7	C1.2	0.0	8.2	
2.3	-3.1	-3.1	1.8	-1.2	5.3	140	75	0.9	0.3	0.9	0.8	L0.4	0.1	S0.2	S0.1	0.4	0.2	0.6	1.0	D0.2	C1.4	L0.1	C1.4	C0.3	6.3	
2.5	-5.3	-6.0	1.5	-3.2	4.7	139	74	1.5	1.0	1.3	0.8	L0.6	0.3	P0.3	S0.6	0.7	1.0	0.6	1.0	0.0	C0.5	L1.0	C1.4	C0.2	7.6	
3.5	-1.9	-2.2	1.4	1.4	5.9	139	75	0.9	0.4	0.4	0.3	H0.7	0.5	P0.8	S0.6	1.6	0.1	0.2	0.2	S1.1	C1.0	S0.3	C0.6	C0.3	12.3	
5.2	-0.2	-1.5	2.9	1.8	6.0	139	73	1.6	2.3	0.8	0.7	L0.4	1.0	0.0	S0.9	1.6	1.1	0.5	0.8	S2.4	0.0	L0.7	C0.3	C0.2	20.2	
4.0	1.3	0.5	1.0	1.9	6.1	138	76	1.1	1.9	1.4	0.7	L0.4	0.7	P0.1	S0.4	0.8	0.3	0.5	0.4	S0.4	W0.2	L0.9	C0.4	C0.6	4.8	
2.2	-3.6	-4.7	-0.8	-0.7	4.9	136	74	0.6	0.1	-0.2	0.7	L0.6	-0.3	S0.2	L0.2	0.2	-0.7	0.5	0.3	S0.3	C1.6	S0.8	C1.1	C1.1	4.7	
4.4	0.5	0.6	3.1	1.9	4.6	135	74	0.1	0.0	-0.2	-0.6	L0.5	-0.2	S0.2	L0.3	0.4	-0.5	-0.5	-0.2	S0.9	W0.7	L0.1	C1.1	C0.3	2.0	
4.9	-1.3	-0.5	3.8	1.6	5.7	134	75	1.1	0.4	0.6	0.6	L0.4	0.0	P0.1	0.0	0.7	0.4	0.5	0.6	S0.7	0.0	L0.4	C1.1	C0.2	7.9	
4.3	-1.3	-3.0	0.1	1.2	7.2	132	78	1.7	0.9	-0.3	1.1	L1.0	0.0	0.0	S0.4	1.5	1.7	0.8	0.7	S1.9	C0.4	L0.1	C0.7	C0.3	20.4	
4.0	-2.7	-2.9	0.9	1.0	8.2	131	78	1.1	0.8	-0.2	1.2	L1.0	0.1	S0.5	L0.2	0.3	1.0	0.9	-0.1	S0.4	W0.8	L0.8	C0.5	C0.5	2.7	
4.0	-0.2	-0.7	-0.8	-1.8	8.3	131	79	2.6	0.9	-0.6	1.5	H0.8	0.5	P0.4	S1.1	2.6	2.5	1.1	-0.2	S2.8	C0.7	S0.4	C1.2	B0.3	27.3	
4.2	-0.4	-1.2	2.2	1.1	7.9	129	78	1.5	1.8	-0.2	1.3	L0.9	0.3	S0.2	S0.6	0.7	1.3	1.0	0.8	S1.8	0.0	L0.3	C0.5	C0.4	16.2	
4.1	-0.1	-0.8	2.7	1.2	7.4	128	78	1.5	0.3	-0.1	1.1	L0.6	-0.3	S0.2	S0.3	0.5	1.0	0.8	1.1	S0.7	C0.3	S0.2	C1.2	C0.3	12.2	
2.8	-2.0	-1.4	3.1	0.5	6.7	127	76	1.3	1.4	0.2	0.8	L1.7	-0.4	S0.2	L0.6	0.4	1.4	0.6	0.2	S1.0	W0.5	S0.1	W0.2	C0.3	9.6	
5.2	1.5	1.7	3.5	2.8	5.4	127	75	0.3	-0.6	-0.1	-0.3	L0.8	-0.7	S0.8	L0.9	0.3	-0.2	-0.2	0.0	S0.6	W0.1	L0.7	C0.7	C0.5	1.7	
3.6	-1.3	-1.8	1.3	-0.9	5.8	125	75	1.8	1.3	0.2	0.8	L0.3	0.1	P0.4	S0.6	1.4	1.7	0.6	0.3	S1.6	W0.1	L0.5	C0.6	C0.6	15.9	
3.6	1.7	1.9	5.4	2.6	5.4	124	73	1.1	2.2	0.7	0.7	L0.2	1.2	S0.4	0.0	1.4	0.7	0.5	-0.5	S1.3	W0.5	L0.3	C0.6	C0.7	8.7	
3.8	-0.3	-0.8	2.4	2.1	6.1	124	75	1.3	1.8	1.2	1.1	L0.8	1.0	S0.3	S0.4	0.5	0.5	0.8	0.8	S0.6	C0.4	L0.2	C1.0	C0.7	8.8	
5.3	1.4	1.5	4.2	2.4	5.2	124	75	1.6	1.6	0.8	0.2	L0.3	0.5	P0.3	S0.6	2.2	0.8	0.1	0.4	S2.2	C0.3	L0.2	C1.0	C0.2	19.8	
6.1	1.5	1.9	3.7	3.2	6.3	123	74	1.3	0.7	0.2	0.4	L0.6	0.0	S0.1	L0.1	1.2	0.9	0.3	0.5	S1.6	W0.1	L0.2	C0.4	C0.1	14.5	
2.8	0.3	0.1	1.4	0.0	5.7	122	76	0.5	0.6	0.6	0.3	L0.5	0.0	S1.0	L1.0	0.6	0.7	0.2	0.3	S0.1	W0.2	L0.7	C0.5	C0.5	3.8	
3.8	-3.5	-4.0	1.9	-0.9	6.4	121	77	1.8	1.9	1.0	1.0	H0.5	1.1	P1.0	S1.2	3.0	1.4	0.8	0.4	S3.0	C1.3	L0.4	C1.0	C0.2	28.3	
5.8	0.6	0.9	3.4	3.1	7.6	121	76	1.7	1.1	-0.1	0.7	L0.9	-0.4	P0.3	S0.9	1.3	1.0	0.5	1.1	S1.9	C0.3	S0.5	C1.1	C0.3	20.3	
5.1	-0.6	-0.7	2.7	2.2	6.8	120	76	1.6	0.6	0.0	0.4	L0.3	-0.1	P0.3	S0.3	2.4	1.3	0.3	0.3	S2.9	C0.3	L0.1	C0.3	C0.3	24.6	
5.4	1.2	1.0	2.7	1.8	6.3	118	76	0.6	0.2	0.3	0.3	L1.1	0.1	S0.2	S0.2	0.2	0.2	0.2	0.1	S0.6	W0.7	L0.5	C0.7	C0.1	2.5	
5.1	-0.1	0.0	4.9	2.3	7.3	117	78	1.7	-0.2	0.0	0.9	L0.4	0.1	P0.3	S0.2	1.4	1.5	0.7	0.4	S1.1	0.0	S0.3	C0.7	C0.4	14.9	
5.2	0.5	0.3	2.7	1.9	6.9	116	77	1.0	1.2	0.4	0.2	0.0	0.6	S0.1	S1.0	1.1	0.0	0.2	0.4	S1.6	C0.9	S0.5	C1.2	C0.2	13.8	
3.3	-1.5	-2.5	0.0	0.1	6.2	115	77	1.3	0.0	0.6	0.6	H0.3	0.7	0.0	S0.3	1.2	1.1	0.4	0.3	S0.6	C0.5	L0.2	C0.3	B0.3	10.5	
2.5	-0.3	-1.6	-1.1	-0.8	5.1	114	75	1.0	0.5	0.0	0.5	0.0	0.0	P0.3	S0.2	0.6	0.6	0.4	0.5	S0.7	C0.2	L0.5	C0.5	C0.1	7.8	
4.9	-0.6	-1.5	1.1	0.7	6.4	114	76	1.3	0.5	0.3	0.8	H0.3	0.5	P0.3	S1.1	1.3	0.7	0.6	-0.2	S1.6	W0.1	L0.1	C0.5	C0.1	11.7	
3.4	-0.1	-0.1	2.1	0.5	6.0	113	77	0.7	0.0	0.1	0.4	H0.1	0.1	S0.4	L0.1	0.7	0.1	0.3	0.5	S0.7	C0.2	L0.4	C0.1	0.0	7.0	
3.6	1.6	0.8	3.0	2.0	5.6	112	76	1.0	0.2	0.4	0.0	L0.6	0.0	S1.0	L0.4	1.1	0.2	0.0	0.5	S1.1	W0.5	L0.1	C0.7	C0.4	9.7	
5.3	-1.2	-1.0	2.5	2.3	6.8	112	76	1.7	1.1	0.3	0.6	H0.4	0.6	0.0	S0.3	2.5	1.1	0.5	0.2	S3.0	C1.0	S0.5	C0.8	C0.4	26.3	
1.3	-0.6	-1.0	2.3	-1.4	7.0	111	76	1.1	2.0	0.9	1.0	L1.8	0.3	S1.5	L1.1	-0.7	0.5	0.8	0.4	D0.6	W0.5	L1.1	C0.8	C0.6	-4.1	
3.2	-1.2	-1.8	1.1	-0.5	7.8	111	77	1.1	0.3	-0.3	1.3	L0.6	0.2	P0.1	S0.5	0.0	1.2	1.0	0.5	D0.5	W0.3	L0.4	W0.6	C0.4	1.9	
6.7	0.4	-0.9	0.6	2.8	8.4	111	78	1.9	1.9	0.3	0.9	L1.0	0.4	P0.1	S0.5	1.8	1.6	0.7	0.6	S2.5	0.0	L0.2	C1.1	C0.2	22.6	
4.5	-2.1	-2.9	0.0	2.0	7.0	110	77	1.5	0.4	0.1	0.5	L1.0	-0.2	S0.2	L0.1	1.5	1.1	0.4	1.0	S1.6	C0.6	L0.5	C0.7	C0.4	18.2	
4.7	0.2	0.1	2.4	2.4	6.2	110	76	1.6	-0.3	0.2	0.5	L0.7	-0.3	S0.3	L0.2	1.3	1.0	0.4	1.3	S1.2	C0.4	L0.1	C1.6	C0.1	17.1	
3.9	-0.7	-1.0	-1.9	0.2	6.0	109	77	1.2	0.5	-0.7	0.7	L0.8	-0.4	S0.7	L0.2	1.1	1.5	0.5	0.9	S1.8	C0.8	S0.2	0.0	B0.2	20.0	
3.4	0.2	-0.6	2.8	1.0	6.7	109	77	1.6	0.6	0.4	1.3	H0.4	0.3	0.0	S0.5	1.2	1.2	0.9	0.7	S1.5	C0.8	L0.2	C1.1	C0.4	16.8	
4.1	-0.9	-0.5	3.8	1.8	4.7	108	74	0.9	-0.2	-0.1	0.5	H0.5	-0.4	S0.2	S0.1	1.7	0.8	0.4	-0.3	S2.4	W0.6	L0.2	0.0	B0.4	15.5	
2.5	-1.1	-1.6	1.4	0.6	5.7	107	75	1.1	1.0	0.6	0.3	L1.0	-0.4	S0.6	L0.2	0.9	0.8	0.2	1.0	S1.4	W0.7	L1.0	C0.6	C0.4	12.3	
3.2	-0.2	-0.3	2.5	0.0	5.8	107	75	1.1	1.1	0.7	0.4	L0.8	0.2	S0.7	L0.3	1.3	1.1	0.3	0.6	S1.3	0.0	L0.8	C0.8	C0.4	13.5	
4.0	-0.7	-1.7	2.8	-1.0	4.9	105	74	1.6	0.4	0.9	0.5	L0.3	0.6	P0.4	S0.7	2.6	1.0	0.4	0.5	S2.2	C0.7	L0.5	C0.9	C0.4	21.9	
4.5	1.6	1.4	4.1	1.2	5.3	104	74	0.9	1.5	1.1	-0.1	L1.6	0.1	S0.8	L0.5	0.4	0.3	-0.1	0.2	S0.9	W0.5	L0.2	C0.6	C0.6	5.8	
1.7	-1.3	-1.9	1																							