

**Table S8: Comparison of CNVs detected by three different methods.** List of all CNVs detected by aCGH, JaxMDGA and NGS in HAB/LAB. If several regions of a specific detection method overlap with a single region of another one, the information on genomic position of the single region is repeated in each line of the multiple regions.

[illegible]

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
91	1	35,469,801	35,472,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
92	1	35,787,201	35,791,401	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
93	1	35,844,001	35,846,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
94	1	35,850,801	35,854,001	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
95	1	35,942,801	35,945,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
96	1	35,951,201	35,957,401	6,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
97	1	36,087,601	36,089,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
98	1	36,091,201	36,095,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
99	1	36,966,601	36,972,201	5,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
100	1	37,124,001	37,126,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
101	1	37,339,801	37,341,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
102	1	39,413,401	39,415,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
103	1	39,457,001	39,459,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
104	1	39,538,601	39,543,201	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
105	1	40,852,601	40,854,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
106	1	42,993,201	42,996,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
107	1	43,698,801	43,703,001	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
108	1	44,547,401	44,549,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
109	1	44,689,801	44,692,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
110	1	44,742,801	44,745,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
111	1	44,874,801	44,876,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
112	1	44,895,801	44,898,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
113	1	45,049,001	45,052,201	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
114	1	45,052,401	45,054,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
115	1	45,066,401	45,068,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
116	1	45,420,601	45,430,801	10,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
117	1	45,595,401	45,597,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
118	1	45,638,801	45,640,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
119	1	45,667,001	45,670,601	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
120	1	45,673,601	45,675,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
121	1	45,697,201	45,699,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
122	1	45,707,401	45,711,401	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
123	1	45,727,601	45,730,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
124	1	45,997,201	45,999,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
125	1	46,027,001	46,029,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
126	1	46,033,201	46,041,001	7,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
127	1	46,108,801	46,118,601	9,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
128	1	46,196,801	46,198,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
129	1	46,447,601	46,450,801	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
130	1	51,248,801	51,250,201	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
131	1	52,372,601	52,375,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
132	1	58,379,601	58,382,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
133	1	58,385,801	58,388,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
134	1	58,605,801	58,607,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
135	1	58,753,201	58,755,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
136	1	58,867,601	58,871,001	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
137	1	58,873,201	58,876,401	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
138	1	58,952,401	58,954,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
139	1	58,987,401	58,989,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
140	1	58,990,401	58,992,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
141	1	59,401,601	59,404,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
142	1	59,405,801	59,407,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
143	1	64,430,401	64,433,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
144	1	64,712,801	64,714,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
145	1	72,924,201	72,926,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
146	1	73,511,401	73,513,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
147	1	73,516,201	73,518,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
148	1	73,565,201	73,567,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
149	1	73,601,001	73,603,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
150	1	73,677,601	73,680,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
151	1	73,693,201	73,695,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
152	1	74,161,801	74,163,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
153	1	80,868,201	80,872,401	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
154	1	80,892,201	80,895,601	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
155	1	80,906,801	80,909,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
156	1	82,339,801	82,343,201	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
157	1	82,398,401	82,400,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
158	1	82,417,201	82,420,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
159	1	82,422,801	82,424,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
160	1	82,671,801	82,673,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
161	1	82,928,201	82,940,401	12,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
162	1	83,225,001	83,232,801	7,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
163	1	83,979,401	83,982,801	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
164	1	84,952,201	84,964,401	12,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
165	1	84,975,001	84,978,201	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
166	1	84,978,801	84,981,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
167	1	85,001,201	85,008,801	7,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
168	1	85,020,601	85,022,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
169	1	85,022,801	85,029,201	6,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
170	1	85,029,401	85,033,601	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
171	1	85,039,601	85,042,801	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
172	1	85,069,601	85,071,201	1,600	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
173	1	85,082,001	85,087,801	5,800	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
174	1	85,092,001	85,095,001	3,000	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
175	1	85,096,401	85,102,801	6,400	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
176	1	85,105,201	85,108,401	3,200	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
177	1	85,136,401	85,139,001	2,600	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
178	1	85,150,601	85,165,001	14,400	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
179	1	85,177,001	85,180,801	3,800	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
180	1	85,192,001	85,196,801	4,800	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
181	1	85,201,201	85,204,001	2,800	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
182	1	85,205,401	85,213,401	8,000	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
183	1	85,227,601	85,296,801	69,200	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
184	1	85,301,201	85,310,801	9,600	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
185	1	85,313,201	85,318,201	5,000	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
186	1	85,319,201	85,331,001	11,800	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
187	1	85,335,601	85,343,601	8,000	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
188	1	87,351,001	87,353,601	2,600	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
189	1	87,354,201	87,358,401	4,200	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
190	1	87,367,801	87,370,401	2,600	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
191	1	87,378,601	87,390,201	11,600	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
192	1	87,394,601	87,397,001	2,400	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
193	1	87,399,201	87,401,201	2,000	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
194	1	87,420,001	87,426,201	6,200	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
195	1	87,438,001	87,444,201	6,200	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
196	1	87,446,201	87,450,401	4,200	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
197	1	87,458,401	87,464,601	6,200	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
198	1	87,465,401	87,467,801	2,400	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
199	1	87,474,601	87,477,001	2,400	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
200	1	87,477,801	87,499,801	22,000	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
201	1	87,500,401	87,507,801	7,400	loss	-	-	-	-	-	-	2	1	85,068,489	87,505,075	2,436,586	loss
202	1	87,509,401	87,516,401	7,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
203	1	87,517,001	87,522,401	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
204	1	87,541,401	87,549,201	7,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
205	1	87,552,401	87,554,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
206	1	89,029,601	89,031,001	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
207	1	90,688,801	90,690,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
208	1	96,942,601	96,944,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
209	1	97,413,401	97,415,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
210	1	97,438,001	97,439,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
211	1	98,271,601	98,274,801	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
212	1	98,276,401	98,278,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
213	1	98,427,201	98,430,601	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
214	1	98,473,601	98,477,201	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
215	1	98,616,401	98,618,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
216	1	99,068,001	99,069,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
217	1	99,073,801	99,078,401	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
218	1	99,117,801	99,119,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
219	1	99,225,801	99,227,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
220	1	99,252,001	99,254,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
221	1	99,313,401	99,314,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
222	1	99,318,801	99,320,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
223	1	99,485,201	99,487,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
224	1	99,572,801	99,575,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
225	1	99,578,401	99,580,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
226	1	100,840,801	100,843,801	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
227	1	100,854,001	100,857,201	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
228	1	100,871,201	100,874,401	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-

[illegible]

[illegible]



NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
321	1	112,796,201	112,798,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
322	1	112,835,601	112,839,401	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
323	1	113,729,801	113,731,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
324	1	113,932,201	113,938,801	6,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
325	1	114,335,401	114,337,601	2,200	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
326	1	114,340,201	114,342,001	1,800	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
327	1	114,401,801	114,405,401	3,600	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
328	1	114,411,001	114,415,801	4,800	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
329	1	114,417,201	114,421,201	4,000	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
330	1	114,421,401	114,424,601	3,200	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
331	1	114,427,201	114,429,601	2,400	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
332	1	114,464,801	114,466,801	2,000	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
333	1	114,478,801	114,481,201	2,400	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
334	1	114,484,201	114,489,401	5,200	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
335	1	114,497,401	114,500,001	2,600	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
336	1	114,542,401	114,544,801	2,400	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
337	1	114,563,601	114,565,401	1,800	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
338	1	114,579,801	114,581,801	2,000	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
339	1	114,603,401	114,609,601	6,200	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
340	1	114,710,201	114,711,601	1,400	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
341	1	114,869,201	114,871,201	2,000	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
342	1	114,963,201	114,964,801	1,600	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
343	1	115,017,401	115,019,401	2,000	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
344	1	115,079,201	115,080,801	1,600	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
345	1	115,085,801	115,088,201	2,400	gain	-	-	-	-	-	-	4	1	114,046,979	115,147,280	1,100,301	gain
346	1	115,119,401	115														

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
367	1	119,381,401	119,383,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
368	1	119,598,001	119,600,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
369	1	119,603,601	119,606,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
370	1	119,672,201	119,698,601	26,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
371	1	119,888,601	119,891,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
372	1	120,023,801	120,026,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
373	1	120,236,401	120,240,001	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
374	1	121,069,801	121,071,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
375	1	132,642,201	132,644,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
376	1	132,645,801	132,648,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
377	1	132,661,001	132,663,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
378	1	132,965,001	132,966,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
379	1	134,366,601	134,368,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
380	1	134,792,201	134,794,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
381	1	134,933,401	134,936,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
382	1	135,046,801	135,048,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
383	1	135,216,401	135,218,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
384	1	135,362,201	135,364,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
385	1	142,862,401	142,865,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
386	1	146,701,001	146,703,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
387	1	146,706,601	146,709,801	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
388	1	146,797,001	146,799,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
389	1	147,155,401	147,157,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
390	1	147,232,201	147,234,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
391	1	147,312,001	147,314,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
392	1	147,389,001	147,390,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
393	1	147,400,201	147,402,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
394	1	147,594,801	147,597,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
395	1	147,655,201	147,656,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
396	1	148,045,801	148,050,401	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
397	1	148,393,001	148,395,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
398	1	148,442,801	148,445,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
399	1	148,464,401	148,468,801	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
400	1	148,469,001	148,475,401	6,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
401	1	148,571,001	148,573,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
402	1	148,575,601	148,577,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
403	1	148,691,401	148,693,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
404	1	149,024,601	149,026,401	1,800	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
405	1	149,044,801	149,055,401	10,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
406	1	149,083,401	149,088,001	4,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
407	1	149,121,201	149,124,001	2,800	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
408	1	149,391,601	149,394,401	2,800	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
409	1	149,401,001	149,410,601	9,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
410	1	149,412,401	149,417,801	5,400	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
411	1	149,445,801	149,451,601	5,800	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
412	1	149,499,401	149,504,201	4,800	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
413	1	149,564,401	149,567,201	2,800	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
414	1	149,609,601	149,611,601	2,000	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
415	1	149,611,801	149,613,401	1,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
416	1	149,622,601	149,632,201	9,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
417	1	149,641,601	149,657,601	16,000	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
418	1	149,680,001	149,687,201	7,200	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
419	1	149,687,401	149,691,201	3,800	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
420	1	149,716,201	149,718,401	2,200	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
421	1	149,726,401	149,733,601	7,200	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
422	1	149,807,001	149,814,601	7,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
423	1	149,826,001	149,828,601	2,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
424	1	149,836,601	149,838,201	1,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
425	1	149,847,201	149,849,601	2,400	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
426	1	149,868,201	149,875,601	7,400	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
427	1	149,934,001	149,937,201	3,200	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
428	1	149,948,001	149,951,801	3,800	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
429	1	150,050,801	150,053,401	2,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
430	1	150,088,201	150,090,201	2,000	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
431	1	150,104,801	150,107,201	2,400	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
432	1	150,120,801	150,122,201	1,400	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
433	1	150,310,801	150,313,801	3,000	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
434	1	150,331,601	150,333,201	1,600	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
435	1	150,408,801	150,411,601	2,800	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
436	1	150,486,601	150,488,601	2,000	gain	-	-	-	-	-	-	7	1	148,961,518	151,058,888	2,097,370	gain
437	1	150,517,201	150,519,201	2,000													

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
459	1	151,445,801	151,448,801	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
460	1	151,626,201	151,630,001	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
461	1	152,116,201	152,119,201	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
462	1	152,152,001	152,154,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
463	1	152,183,201	152,185,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
464	1	152,198,001	152,200,201	2,200	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
465	1	152,223,201	152,229,401	6,200	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
466	1	152,294,001	152,295,801	1,800	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
467	1	152,343,001	152,347,201	4,200	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
468	1	152,363,201	152,366,001	2,800	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
-	-	-	-	-	-	9	1	152,551,318	152,551,619	302	gain	8	1	152,191,453	154,189,680	1,998,227	gain
469	1	152,683,801	152,685,801	2,000	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
470	1	152,707,801	152,710,201	2,400	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
471	1	152,743,801	152,745,601	1,800	loss	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
472	1	152,814,001	152,816,601	2,600	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
473	1	152,947,801	152,950,001	2,200	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
474	1	153,041,001	153,057,801	16,800	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
475	1	153,064,601	153,066,801	2,200	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
476	1	153,222,801	153,227,401	4,600	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
477	1	153,370,001	153,372,001	2,000	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
478	1	153,405,801	153,407,801	2,000	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
479	1	153,498,201	153,500,201	2,000	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
480	1	153,504,201	153,506,201	2,000	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
481	1	153,575,401	153,581,001	5,600	loss	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
482	1	153,818,201	153,821,001	2,800	gain	-	-	-	-	-	-	8	1	152,191,453	154,189,680	1,998,227	gain
483	1	153,867,801	153,871,401	3,600	gain	-	-										

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
549	2	7,456,601	7,460,001	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
550	2	7,468,401	7,470,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
551	2	10,490,201	10,491,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
552	2	10,785,001	10,787,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
553	2	10,807,601	10,813,001	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
554	2	10,926,401	10,929,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
555	2	11,964,201	11,969,001	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
556	2	14,917,801	14,920,001	2,200	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
557	2	14,940,801	14,942,801	2,000	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
558	2	14,946,601	14,949,001	2,400	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
559	2	15,035,201	15,037,401	2,200	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
560	2	15,041,001	15,043,201	2,200	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
561	2	15,076,201	15,079,201	3,000	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
562	2	15,081,001	15,084,001	3,000	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
563	2	15,099,001	15,101,801	2,800	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
564	2	15,114,401	15,117,001	2,600	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
565	2	15,121,601	15,123,601	2,000	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
566	2	15,163,201	15,166,801	3,600	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
567	2	15,171,001	15,174,201	3,200	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
568	2	15,210,401	15,215,801	5,400	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
569	2	15,220,801	15,226,601	5,800	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
570	2	15,235,601	15,238,401	2,800	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
571	2	15,238,601	15,241,201	2,600	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
572	2	15,241,401	15,243,801	2,400	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
573	2	15,281,201	15,282,801	1,600	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
574	2	15,286,201	15,289,601	3,400	loss	-	-	-	-	-	-	10	2	14,767,424	15,852,084	1,084,660	loss
575	2	15,298,201	15,300,601	2,400</													

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
595	2	17,051,601	17,053,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
596	2	17,533,401	17,535,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
597	2	17,537,401	17,540,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
598	2	17,668,001	17,670,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
599	2	17,673,201	17,675,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
600	2	18,339,001	18,340,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
601	2	18,477,401	18,479,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
602	2	18,490,401	18,494,801	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
603	2	18,498,001	18,503,001	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
604	2	18,563,001	18,564,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
605	2	18,714,601	18,716,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
606	2	18,933,201	18,935,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
607	2	19,151,001	19,154,401	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
608	2	19,155,601	19,157,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
609	2	19,275,601	19,283,401	7,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
610	2	19,666,801	19,669,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
611	2	19,835,801	19,839,001	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
612	2	20,116,801	20,119,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
613	2	20,228,201	20,230,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
614	2	20,302,001	20,312,201	10,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
615	2	20,347,201	20,350,401	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
616	2	20,354,201	20,355,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
617	2	20,418,801	20,423,401	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
618	2	20,642,001	20,644,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
619	2	20,936,801	20,939,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
620	2	20,996,001	20,998,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
621	2	21,002,401	21,004,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
622	2	21,072,801	21,075,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
623	2	22,538,601	22,540,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
624	2	22,748,601	22,750,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
625	2	32,282,401	32,285,201	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
626	2	32,457,801	32,460,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
627	2	32,968,001	32,970,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
628	2	33,929,601	33,931,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
629	2	34,257,201	34,259,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
630	2	34,789,201	34,792,201	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
631	2	34,821,601	34,824,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
632	2	35,237,001	35,238,401	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
633	2	35,324,801	35,326,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
634	2	35,348,201	35,349,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
635	2	35,374,201	35,377,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
636	2	35,380,401	35,382,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
637	2	35,417,001	35,418,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
638	2	35,484,601	35,486,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
639	2	35,868,601	35,871,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
640	2	35,873,401	35,875,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
641	2	36,135,801	36,138,801	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
642	2	36,148,601	36,150,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
643	2	36,154,001	36,156,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
644	2	36,251,601	36,253,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
645	2	36,830,401	36,831,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
646	2	37,194,801	37,197,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
647	2	37,316,201	37,317,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
648	2	37,909,001	37,910,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
649	2	38,454,401	38,455,801	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	12	2	38,976,620	38,976,716	97	gain	-	-	-	-	-	-
650	2	39,095,601	39,097,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
651	2	39,206,001	39,207,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
652	2	39,215,801	39,218,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
653	2	39,222,201	39,224,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
654	2	39,775,401	39,782,001	6,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
655	2	39,832,001	39,834,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
656	2	39,871,601	39,874,401	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
657	2	39,875,801	39,877,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
658	2	39,883,001	39,888,401	5,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
659	2	39,891,401	39,894,401	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
660	2	41,067,401	41,071,201	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
661	2	41,074,801	41,077,801	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
662	2	41,205,401	41,207,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
663	2	41,549,601	41,554,001	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
664	2	43,775,601	43,778,001	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
665	2	43,927,801	43,929,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
666	2	50,015,201	50,017,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
667	2	50,018,601	50,020,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
668	2	50,141,401	50,143,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
669	2	50,174,401	50,177,801	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
670	2	52,710,601	52,712,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
671	2	52,937,801	52,943,201	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
672	2	53,030,801	53,034,401	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
673	2	53,205,201	53,208,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
674	2	53,212,001	53,214,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
675	2	53,267,801	53,272,201	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
676	2	53,314,001	53,315,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
677	2	53,335,401	53,336,801	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
678	2	53,417,801	53,420,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
679	2	53,603,601	53,606,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
680	2	53,609,201	53,611,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
681	2	53,662,601	53,665,801	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
682	2	53,757,001	53,759,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
683	2	53,771,601	53,773,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
684	2	53,807,001	53,808,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
685	2	53,817,801	53,820,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-



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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
730	2	80,038,601	80,040,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
731	2	80,140,601	80,143,001	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
732	2	80,219,201	80,220,601	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
733	2	80,293,601	80,299,201	5,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
734	2	80,426,001	80,427,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
735	2	80,683,401	80,685,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
736	2	80,697,401	80,699,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
737	2	83,326,801	83,339,601	12,800	gain	15	2	83,328,323	83,332,897	4,575	gain	-	-	-	-	-	-
738	2	83,828,601	83,831,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
739	2	84,741,401	84,744,401	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
740	2	90,201,801	90,203,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
741	2	91,380,801	91,382,201	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
742	2	92,318,601	92,320,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
743	2	92,386,401	92,387,801	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
744	2	93,670,401	93,672,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
745	2	94,640,201	94,643,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
746	2	94,644,001	94,650,401	6,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	16	2	98,029,712	98,029,941	230	gain	-	-	-	-	-	-
747	2	98,113,401	98,114,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
748	2	98,131,201	98,133,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
749	2	98,268,801	98,271,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
750	2	98,502,201	98,507,601	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
751	2	98,675,001	98,676,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
752	2	99,211,201	99,218,201	7,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
753	2	99,392,201	99,393,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
754	2	99,589,001	99,591,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
755	2	99,780,601	99,785,201	4,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
756	2	99,790,201	99,792,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
757	2	99,807,201	99,812,201	5,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
758	2	99,816,401	99,818,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
759	2	99,820,201	99,823,601	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-</												

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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
820	2	117,350,601	117,352,001	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
821	2	117,354,801	117,356,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
822	2	117,390,001	117,393,001	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
823	2	117,517,601	117,519,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
824	2	117,522,401	117,524,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
825	2	117,684,801	117,686,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
826	2	117,793,601	117,795,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
827	2	117,801,201	117,805,801	4,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
828	2	117,866,201	117,867,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
829	2	124,034,601	124,039,001	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
830	2	124,081,201	124,084,001	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
831	2	124,217,801	124,221,601	3,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
832	2	124,281,401	124,283,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
833	2	124,799,801	124,801,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
834	2	125,055,801	125,058,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
835	2	125,230,601	125,232,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
836	2	125,236,401	125,238,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
837	2	125,257,801	125,260,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
838	2	125,347,001	125,350,401	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
839	2	129,256,801	129,258,201	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
840	2	129,568,801	129,571,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
841	2	129,667,601	129,673,401	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
842	2	131,275,601	131,277,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
843	2	133,949,001	133,951,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
844	2	135,967,801	135,969,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
845	2	137,004,001	137,006,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
846	2	141,196,801	141,198,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
847	2	141,321,201	141,325,201	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
848	2	141,353,601	141,355,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
849	2	141,539,001	141,541,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
850	2	141,635,401	141,637,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
851	2	141,665,801	141,668,601	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
852	2	141,673,401	141,675,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
853	2	141,694,401	141,697,401	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
854	2	141,790,601	141,794,001	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
855	2	141,862,601	141,865,601	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
856	2	145,455,201	145,459,201	4,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
857	2	145,479,201	145,481,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
858	2	145,520,001	145,522,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
859	2	145,534,601	145,536,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
860	2	146,360,801	146,362,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
861	2	146,963,801	146,967,601	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
862	2	147,267,001	147,268,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	18	2	147,355,528	147,361,349	5,822	gain	-	-	-	-	-	-
863	2	147,488,401	147,490,801	2,400	gain	-	-	-	-	-	-	13	2	147,448,370	147,617,209	168,839	gain
864	2	147,492,401	147,494,801	2,400	gain	-	-	-	-	-	-	13	2	147,448,370	147,617,209	168,839	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
865	2	147,808,601	147,810,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
866	2	147,988,001	147,989,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
867	2	148,019,601	148,021,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
868	2	148,125,201	148,127,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
869	2	148,134,801	148,137,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
870	2	148,234,401	148,237,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
871	2	148,437,801	148,443,801	6,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
872	2	148,444,601	148,446,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
873	2	148,662,801	148,664,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
874	2	148,666,601	148,668,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
875	2	148,771,201	148,773,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
876	2	148,853,401	148,856,201	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
877	2	148,857,201	148,859,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
878	2	148,866,001	148,873,401	7,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
879	2	148,901,601	148,903,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
880	2	148,994,601	149,001,801	7,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
881	2	149,152,401	149,154,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
882	2	149,263,201	149,267,201	4,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
883	2	149,287,801	149,290,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
884	2	149,314,601	149,316,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
885	2	149,807,201	149,809,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
886	2	149,865,601	149,868,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
887	2	149,891,001	149,895,801	4,800	loss	-	-	-	-	-	-	14	2	149,894,486	149,915,798	21,312	loss
888	2	149,899,801	149,911,001	11,200	loss	-	-	-	-	-	-	14	2	149,894,486	149,915,798	21,312	loss
889	2	149,911,801	149,918,201	6,400	loss	-	-	-	-	-	-	14	2	149,894,486	149,915,798	21,312	loss
890	2	149,970,601	149,972,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
891	2	153,856,401	153,858,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
892	2	153,861,801	153,865,201	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
893	2	153,889,201	153,892,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
894	2	153,952,001	153,955,801	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
895	2	153,978,401	153,982,001	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
896	2	154,149,801	154,151,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
897	2	154,490,201	154,493,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
898	2	154,505,401	154,507,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
899	2	154,743,601	154,746,601	3,000	gain	-	-	-	-	-	-	15	2	154,730,931	155,890,110	1,159,179	gain
900	2	154,798,401	154,800,001	1,600	gain	-	-	-	-	-	-	15	2	154,730,931	155,890,110	1,159,179	gain
901	2	154,807,401	154,809,001	1,600	gain	-	-	-	-	-	-	15	2	154,730,931	155,890,110	1,159,179	gain
902	2	154,839,801	154,841,601	1,800	gain	-	-	-	-	-	-	15	2	154,730,931	155,890,110	1,159,179	gain
903	2	154,853,001	154,856,201	3,200	gain	-	-	-	-	-	-	15	2	154,730,931	155,890,110	1,159,179	gain
904	2	154,944,601	154,947,201	2,600	gain	-	-	-	-	-	-	15	2	154,730,931	155,890,110	1,159,179	gain
905	2	154,953,601	154,955,401	1,800	gain	-	-	-	-	-	-	15	2	154,730,931	155,890,110	1,159,179	gain
906	2	155,801,401	155,803,401	2,000	gain	-	-	-	-	-	-	15	2	154,730,931	155,890,110	1,159,179	gain
907	2	156,036,401	156,038,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
908	2	156,622,801	156,626,001	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
909	2	156,632,401	156,635,801	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
910	2	156,738,601	156,741,801	3,200	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
911	2	157,048,201	157,051,001	2,800	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
912	2	157,067,601	157,070,801	3,200	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
-	-	-	-	-	-	19	2	157,152,820	157,153,070	251	loss	16	2	156,737,595	159,424,407	2,686,812	loss
913	2	157,162,401	157,164,601	2,200	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
914	2	157,207,601	157,212,201	4,600	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
915	2	157,410,401	157,412,201	1,800	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
916	2	157,415,801	157,418,801	3,000	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
917	2	157,465,401	157,469,201	3,800	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
918	2	157,476,801	157,479,601	2,800	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
919	2	157,480,801	157,483,601	2,800	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
920	2	157,521,401	157,523,001	1,600	gain	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
921	2	158,020,001	158,021,801	1,800	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
922	2	158,058,801	158,061,001	2,200	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
923	2	158,162,601	158,165,401	2,800	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
924	2	158,398,801	158,401,201	2,400	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
925	2	158,465,201	158,467,601	2,400	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
926	2	158,689,201	158,692,801	3,600	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
927	2	158,819,401	158,821,601	2,200	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
928	2	158,901,001	158,903,801	2,800	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
929	2	159,000,801	159,002,801	2,000	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
930	2	159,029,801	159,033,401	3,600	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
931	2	159,053,201	159,055,201	2,000	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
932	2	159,121,401	159,124,201	2,800	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
933	2	159,155,801	159,158,401	2,600	loss	-	-	-	-	-	-	16	2	156,737,595	159,424,407	2,686,812	loss
934	2	159,280,001	159,28														

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
956	2	167,114,401	167,116,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
957	2	168,489,801	168,492,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
958	2	168,595,801	168,597,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
959	2	168,939,001	168,941,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
960	2	170,328,001	170,330,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
961	2	170,338,601	170,341,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
962	2	170,380,601	170,383,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
963	2	172,569,801	172,572,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
964	2	172,865,001	172,867,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
965	2	173,336,001	173,337,401	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
966	2	178,987,801	178,990,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
967	2	180,901,601	180,905,201	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
968	3	4,720,601	4,723,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
969	3	9,926,601	9,928,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
970	3	10,053,601	10,055,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
971	3	10,167,401	10,169,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
972	3	10,508,001	10,509,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
973	3	11,054,801	11,058,801	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
974	3	11,406,201	11,408,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
975	3	11,410,201	11,411,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
976	3	11,434,401	11,437,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
977	3	11,589,601	11,591,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
978	3	11,639,201	11,640,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
979	3	11,675,801	11,682,001	6,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
980	3	11,732,401	11,735,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
981	3	11,737,401	11,741,001	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
982	3	12,142,001	12,144,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
983	3	13,821,001	13,823,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
984	3	13,825,001	13,827,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
985	3	14,412,201	14,414,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
986	3	14,656,801	14,658,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
987	3	14,667,401	14,676,601	9,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
988	3	14,716,001	14,720,601	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
989	3	14,832,601	14,834,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
990	3	14,909,001	14,910,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
991	3	14,921,401	14,924,801	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
992	3	14,927,001	14,933,401	6,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
993	3	14,934,201	14,940,401	6,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
994	3	14,972,001	14,973,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
995	3	14,986,401	14,988,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
996	3	14,999,001	15,000,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
997	3	15,028,201	15,030,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
998	3	15,078,601	15,080,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
999	3	15,087,001	15,089,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,000	3	15,229,001	15,230,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,001	3	15,253,001	15,255,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,002	3	15,269,801	15,276,201	6,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,003	3	15,299,401	15,302,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,004	3	15,305,401	15,308,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,005	3	15,333,201	15,344,801	11,600	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,006	3	15,345,401	15,354,401	9,000	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,007	3	15,356,601	15,361,801	5,200	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,008	3	15,362,001	15,375,601	13,600	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,009	3	15,379,001	15,381,401	2,400	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,010	3	15,383,001	15,432,401	49,400	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,011	3	15,433,801	15,464,801	31,000	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,012	3	15,466,201	15,492,801	26,600	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,013	3	15,493,001	15,507,601	14,600	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,014	3	15,511,401	15,517,201	5,800	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,015	3	15,520,601	15,548,601	28,000	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,016	3	15,575,001	15,578,001	3,000	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,017	3	15,580,401	15,586,001	5,600	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,018	3	15,665,001	15,692,201	27,200	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,019	3	15,693,401	15,709,801	16,400	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,020	3	15,710,201	15,748,001	37,800	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,021	3	15,750,401	15,752,601	2,200	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,022	3	15,766,001	15,770,001	4,000	loss	21	3	15,340,258	15,819,607	479,350	loss	17	3	15,339,647	15,767,115	427,468	loss
1,023	3	15,773,801	15,775,601	1,800	loss	21	3	15,340,258	15,819,607	479,350	loss	-	-	-	-	-	-
1,024	3	15,777,201	15,782,401	5,200	loss	21	3	15,340,258	15,819,607	479,350	loss	-	-	-	-	-	-
1,025	3	15,806,401	15,810,001	3,600	loss	21	3	15,340,258	15,819,607	479,350	loss	-	-	-	-	-	-
1,026	3	15,828,201	15,831,401	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,027	3	15,842,201	15,844,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,028	3	15,853,801	15,857,801	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,029	3	15,863,401	15,866,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,030	3	15,866,401	15,868,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,031	3	15,871,401	15,874,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,032	3	15,875,401	15,885,601	10,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,033	3	15,886,401	15,889,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,034	3	15,909,201	15,913,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,035	3	15,951,401	15,955,601	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,036	3	15,974,401	15,978,601	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,037	3	15,993,801	15,996,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,038	3	16,242,001	16,244,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,039	3	16,260,401	16,262,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,040	3	16,278,601	16,283,001	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,041	3	16,310,801	16,312,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,042	3	16,355,401	16,357,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,043	3	16,360,001	16,363,601	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,044	3	16,390,801	16,392,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,045	3	16,477,801	16,480,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,046	3	16,691,801	16,702,401	10,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,047	3	16,922,601	16,937,401	14,800	gain	22	3	16,902,891	16,928,688	25,798	gain	-	-	-	-	-	-



NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,048	3	18,446,401	18,448,401	2,000	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,049	3	18,477,201	18,478,801	1,600	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,050	3	18,752,001	18,754,201	2,200	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,051	3	18,758,201	18,762,001	3,800	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,052	3	18,847,401	18,849,601	2,200	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,053	3	18,856,601	18,858,401	1,800	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,054	3	18,864,601	18,866,201	1,600	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,055	3	18,871,601	18,874,001	2,400	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,056	3	18,882,201	18,886,601	4,400	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,057	3	18,915,201	18,917,001	1,800	loss	-	-	-	-	-	-	18	3	18,399,860	18,964,333	564,473	loss
1,058	3	19,074,201	19,076,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,059	3	19,231,401	19,237,401	6,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,060	3	19,248,401	19,251,201	2,800	loss	23	3	19,248,566	19,249,048	483	loss	-	-	-	-	-	-
1,061	3	19,255,001	19,260,601	5,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,062	3	19,343,001	19,345,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,063	3	19,388,001	19,389,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,064	3	26,246,601	26,248,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,065	3	26,700,601	26,703,001	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,066	3	26,915,601	26,922,201	6,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,067	3	28,247,601	28,250,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,068	3	28,804,201	28,806,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,069	3	28,883,201	28,884,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,070	3	28,888,801	28,891,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,071	3	28,895,201	28,897,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,072	3	28,911,801	28,915,201	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,073	3	28,918,201	28,921,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,074	3	28,929,201	28,931,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,075	3	28,946,201	28,948,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,076	3	30,568,401	3														

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,094	3	32,316,401	32,323,001	6,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,095	3	32,537,001	32,539,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,096	3	33,049,401	33,051,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,097	3	33,181,401	33,185,401	4,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,098	3	33,324,601	33,328,401	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,099	3	33,351,601	33,353,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,100	3	33,642,201	33,646,401	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,101	3	34,524,801	34,527,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,102	3	35,099,801	35,102,201	2,400	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,103	3	35,174,801	35,178,401	3,600	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,104	3	35,317,001	35,319,001	2,000	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,105	3	35,323,601	35,325,201	1,600	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,106	3	35,356,601	35,359,001	2,400	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,107	3	35,494,401	35,497,201	2,800	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,108	3	35,522,001	35,525,001	3,000	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,109	3	35,566,201	35,568,601	2,400	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,110	3	35,573,801	35,576,001	2,200	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,111	3	35,580,001	35,583,601	3,600	gain	-	-	-	-	-	-	20	3	34,703,578	35,619,447	915,869	gain
1,112	3	36,741,201	36,743,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,113	3	36,745,801	36,747,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,114	3	36,750,801	36,754,601	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,115	3	36,765,201	36,768,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,116	3	36,810,201	36,813,801	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,117	3	39,777,801	39,781,001	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,118	3	40,485,001	40,486,401	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,119	3	46,455,601	46,457,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,120	3	48,761,601	48,763,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,121	3	48,961,401	48,970,401	9,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,122	3	49,041,801	49,044,401	2,600	loss												

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,186	3	92,756,001	92,759,601	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,187	3	92,899,801	92,901,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,188	3	93,286,801	93,289,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,189	3	93,294,601	93,296,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,190	3	93,797,601	93,799,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,191	3	94,395,201	94,396,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,192	3	94,510,001	94,522,801	12,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,193	3	95,199,001	95,201,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,194	3	95,204,001	95,206,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,195	3	95,301,401	95,304,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,196	3	95,359,601	95,362,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,197	3	95,507,801	95,510,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,198	3	96,171,601	96,174,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,199	3	100,335,601	100,338,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,200	3	102,035,801	102,037,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,201	3	103,365,401	103,367,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,202	3	103,382,001	103,384,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,203	3	103,394,201	103,400,001	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,204	3	104,045,401	104,047,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,205	3	104,221,401	104,223,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,206	3	104,264,601	104,266,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,207	3	104,391,201	104,393,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,208	3	104,397,201	104,400,601	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,209	3	104,778,201	104,783,201	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,210	3	111,402,601	111,405,601	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,211	3	116,688,801	116,690,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,212	3	116,764,801	116,767,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,213	3	116,770,201	116,772,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,214	3	117,081,401	117,084,401	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,215	3	117,087,601	117,089,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,216	3	119,537,401	119,539,601	2,200	loss	-	-	-	-								

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,232	3	125,958,801	125,960,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,233	3	126,137,601	126,139,001	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,234	3	135,507,601	135,509,001	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	25	3	135,520,542	135,521,192	651	gain	-	-	-	-	-	-
1,235	3	135,660,801	135,662,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,236	3	135,814,801	135,817,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,237	3	136,233,201	136,235,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,238	3	136,307,201	136,308,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,239	3	136,584,801	136,586,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,240	3	136,995,401	136,997,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	26	3	137,035,705	137,036,277	573	loss	-	-	-	-	-	-
1,241	3	137,057,001	137,058,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,242	3	142,617,801	142,623,201	5,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,243	3	142,636,001	142,638,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,244	3	142,687,401	142,689,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,245	3	142,693,401	142,696,201	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,246	3	142,717,801	142,720,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,247	3	142,797,601	142,799,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,248	3	143,018,201	143,021,601	3,400	gain	-	-	-	-	-	-	22	3	143,018,945	143,917,151	898,206	gain
1,249	3	143,023,201	143,026,001	2,800	gain	-	-	-	-	-	-	22	3	143,018,945	143,917,151	898,206	gain
1,250	3	143,033,201	143,035,401	2,200	gain	-	-	-	-	-	-	22	3	143,018,945	143,917,151	898,206	gain
1,251	3	143,073,801	143,076,401	2,600	gain	-	-	-	-	-	-	22	3	143,018,945	143,917,151	898,206	gain
1,252	3	143,179,401	143,181,401	2,000	loss	-	-	-	-	-	-	22	3	143,018,945	143,917,151	898,206	gain
1,253	3	143,308,601	143,310,001	1,400	gain	-	-	-	-	-	-	22	3	143,018,945	143,917,151	898,206	gain
1,254	3	143,357,201	143,359,601	2,400	gain	-	-	-	-	-	-	22	3	143,018,945	143,917,151	898,206	gain
1,255	3	143,512,201	143,522,601	10,400	gain	27	3	143,512,892	143,520,968	8,077	gain	22	3	143,018,945	143,917,151	898,206	gain
1,256	3	143,560,801	143,563,001	2,200	gain	-	-	-	-	-	-	22	3	143,018,945	143,917,151	898,206	gain
1,257	3	143,818,801	143,821,401	2,600	gain	-	-	-	-	-	-	22	3	143,018,945			

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,276	3	157,314,801	157,316,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,277	3	157,349,201	157,350,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,278	3	157,447,001	157,449,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,279	3	158,973,001	158,974,401	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,280	4	3,007,201	3,011,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,281	4	13,835,801	13,837,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,282	4	13,974,401	13,977,401	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,283	4	14,278,201	14,280,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,284	4	14,291,201	14,293,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,285	4	14,559,001	14,560,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,286	4	14,565,401	14,567,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,287	4	14,769,601	14,772,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,288	4	15,019,201	15,021,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,289	4	15,086,801	15,088,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,290	4	20,231,601	20,233,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,291	4	20,287,201	20,290,401	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,292	4	20,335,601	20,340,401	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,293	4	29,767,801	29,769,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,294	4	29,818,601	29,821,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,295	4	29,831,201	29,832,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,296	4	30,008,201	30,010,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,297	4	30,253,401	30,255,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,298	4	30,282,401	30,288,001	5,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,299	4	30,291,001	30,307,801	16,800	loss	28	4	30,296,937	30,312,363	15,427	loss	-	-	-	-	-	-
1,300	4	30,833,001	30,835,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,301	4	31,052,001	31,056,601	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,302	4	33,168,801	33,171,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,303	4	33,183,801	33,185,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,304	4	33,197,201	33,199,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,305	4	36,815,601	36,819,401	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,306	4	41,734,201	41,738,201	4,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,307	4	41,755,401	41,770,401	15,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,308	4	41,770,601	41,773,001	2,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,309	4	41,774,001	41,782,201	8,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,310	4	41,789,601	41,797,601	8,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,311	4	41,800,401	41,805,601	5,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,312	4	41,807,801	41,812,201	4,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,313	4	41,846,601	41,849,001	2,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,314	4	41,850,801	41,854,201	3,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,315	4	41,875,801	41,882,201	6,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,316	4	41,896,201	41,898,801	2,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,317	4	41,903,401	41,905,001	1,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,318	4	41,921,601	41,924,201	2,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,319	4	41,926,201	41,931,201	5,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,320	4	41,935,601	41,944,201	8,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,321	4	41,949,401	41,952,201	2,800	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,322	4	41,958,201	41,963,401	5,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,323	4	41,983,601	41,992,801	9,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,324	4	41,994,401	41,997,801	3,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,325	4	42,002,201	42,010,801	8,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,326	4	42,011,601	42,014,201	2,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,327	4	42,018,401	42,023,601	5,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,328	4	42,025,801	42,031,801	6,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,329	4	42,032,001	42,034,401	2,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,330	4	42,049,201	42,053,401	4,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,331	4	42,070,201	42,073,401	3,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,332	4	42,083,801	42,085,801	2,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,333	4	42,087,001	42,091,601	4,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,334	4	42,102,801	42,110,801	8,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,335	4	42,212,201	42,214,001	1,800	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,336	4	42,247,601	42,255,401	7,800	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,337	4	42,264,401	42,270,801	6,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,338	4	42,271,401	42,274,001	2,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,339	4	42,305,801	42,309,401	3,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,340	4	42,322,201	42,324,401	2,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,341	4	42,327,201	42,329,201	2,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,342	4	42,340,601	42,343,801	3,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,343	4	42,344,201	42,350,201	6,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,344	4	42,353,801	42,360,401	6,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,345	4	42,364,401	42,367,401	3,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,346	4	42,367,601	42,377,201	9,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,347	4	42,378,201	42,383,201	5,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,348	4	42,384,601	42,395,201	10,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,349	4	42,397,801	42,400,001	2,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,350	4	42,415,001	42,420,401	5,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,351	4	42,428,401	42,431,001	2,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,352	4	42,434,001	42,440,001	6,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,353	4	42,473,801	42,475,401	1,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,354	4	42,479,801	42,482,401	2,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,355	4	42,496,401	42,506,001	9,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,356	4	42,507,601	42,510,201	2,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,357	4	42,529,801	42,532,201	2,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,358	4	42,537,201	42,540,601	3,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,359	4	42,567,201	42,570,801	3,600	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,360	4	42,578,201	42,582,201	4,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,361	4	42,598,401	42,603,401	5,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,362	4	42,626,401	42,631,201	4,800	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,363	4	42,635,401	42,639,201	3,800	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,364	4	42,641,401	42,649,601	8,200	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,365	4	42,659,001	42,664,001	5,000	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,366	4	42,667,801	42,673,201	5,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss
1,367	4	42,674,801	42,678,201	3,400	loss	-	-	-	-	-	-	23	4	41,733,843	42,748,212	1,014,369	loss

[illegible]



NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,412	4	93,706,601	93,708,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,413	4	94,149,801	94,153,801	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,414	4	94,228,601	94,234,201	5,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,415	4	94,372,201	94,375,401	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,416	4	94,378,401	94,380,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,417	4	94,971,001	94,972,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,418	4	98,410,801	98,412,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,419	4	98,780,401	98,782,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,420	4	100,027,401	100,029,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,421	4	100,263,801	100,265,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,422	4	101,151,201	101,152,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,423	4	101,544,001	101,545,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	32	4	101,601,485	101,601,817	333	gain	-	-	-	-	-	-
1,424	4	101,690,801	101,692,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,425	4	101,838,801	101,840,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,426	4	101,906,801	101,909,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,427	4	102,007,001	102,008,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,428	4	103,419,801	103,422,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,429	4	103,917,401	103,919,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,430	4	103,941,401	103,942,801	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,431	4	106,357,201	106,360,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,432	4	106,423,001	106,424,401	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,433	4	107,151,601	107,154,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,434	4	107,178,001	107,180,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,435	4	107,317,401	107,322,801	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,436	4	107,332,801	107,335,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,437	4	107,338,401	107,341,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,438	4	107,817,601	107,819,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,439	4	107,825,401	107,828,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,440	4	108,670,201	108,672,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,441	4	109,272,801	109,275,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,442	4	109,370,001	109,372,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,443	4	109,993,201	109,995,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,444	4	110,943,201	110,947,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,445	4	111,230,401	111,232,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,446	4	111,248,201	111,250,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,447	4	111,505,801	111,508,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,448	4	111,510,201	111,512,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,449	4	111,527,201	111,529,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,450	4	111,536,401	111,538,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,451	4	111,662,201	111,666,401	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,452	4	111,719,001	111,731,601	12,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,453	4	111,736,201	111,777,001	40,800	loss	33	4	111,745,396	112,236,356	490,961	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,454	4	111,780,401	111,873,001	92,600	loss	33	4	111,745,396	112,236,356	490,961	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,455	4	111,876,001	112,016,201	140,200	loss	33	4	111,745,396	112,236,356	490,961	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,456	4	112,021,801	112,095,001	73,200	loss	33	4	111,745,396	112,236,356	490,961	loss	24	4	111,737,341	114,000,805	2,263,464	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,457	4	112,099,001	112,124,001	25,000	loss	33	4	111,745,396	112,236,356	490,961	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,458	4	112,128,001	112,173,401	45,400	loss	33	4	111,745,396	112,236,356	490,961	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,459	4	112,174,201	112,189,001	14,800	loss	33	4	111,745,396	112,236,356	490,961	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,460	4	112,191,601	112,219,201	27,600	loss	33	4	111,745,396	112,236,356	490,961	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,461	4	112,221,001	112,290,001	69,000	loss	33	4	111,745,396	112,236,356	490,961	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,462	4	112,302,401	112,304,201	1,800	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,463	4	112,363,201	112,365,601	2,400	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,464	4	112,366,001	112,368,801	2,800	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,465	4	112,427,201	112,429,201	2,000	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,466	4	112,451,601	112,457,801	6,200	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,467	4	112,481,201	112,597,001	115,800	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,468	4	112,598,601	112,631,201	32,600	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,469	4	112,635,401	112,656,401	21,000	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,470	4	112,660,001	112,693,001	33,000	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,471	4	112,701,601	112,835,801	134,200	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,472	4	112,838,001	112,880,001	42,000	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,473	4	112,884,401	112,946,201	61,800	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,474	4	112,949,401	113,024,201	74,800	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,475	4	113,024,401	113,070,001	45,600	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,476	4	113,070,201	113,084,601	14,400	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,477	4	113,084,801	113,087,801	3,000	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,478	4	113,093,001	113,099,001	6,000	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,479	4	113,100,601	113,108,201	7,600	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,480	4	113,109,001	113,157,001	48,000	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,481	4	113,157,201	113,203,201	46,000	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,482	4	113,204,001	113,220,601	16,600	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,483	4	113,224,001	113,291,001	67,000	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,484	4	113,293,001	113,459,201	166,200	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,485	4	113,462,601	113,510,001	47,400	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,486	4	113,512,601	113,538,201	25,600	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,487	4	113,538,401	113,616,401	78,000	loss	34	4	112,496,803	113,613,316	1,116,514	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,488	4	113,619,601	113,624,601	5,000	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,489	4	113,625,401	113,628,201	2,800	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,490	4	113,635,201	113,638,001	2,800	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,491	4	113,641,001	113,644,601	3,600	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,492	4	113,645,201	113,648,601	3,400	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,493	4	113,665,801	113,667,601	1,800	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,494	4	113,683,601	113,687,601	4,000	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,495	4	113,688,801	113,691,801	3,000	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,496	4	113,703,801	113,717,401	13,600	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,497	4	113,727,201	113,736,201	9,000	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,498	4	113,737,201	113,746,001	8,800	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,499	4	113,751,401	113,754,801	3,400	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,500	4	113,761,201	113,777,801	16,600	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,501	4	113,780,601	113,797,001	16,400	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,502	4	113,797,201	113,818,401	21,200	loss	35	4	113,807,995	113,925,623	117,629	loss	24	4	111,737,341	114,000,805	2,263,464	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,503	4	113,841,801	113,848,801	7,000	loss	35	4	113,807,995	113,925,623	117,629	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,504	4	113,852,801	113,856,601	3,800	loss	35	4	113,807,995	113,925,623	117,629	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,505	4	113,868,601	113,870,601	2,000	loss	35	4	113,807,995	113,925,623	117,629	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,506	4	113,877,201	113,883,801	6,600	loss	35	4	113,807,995	113,925,623	117,629	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,507	4	113,890,401	113,896,201	5,800	loss	35	4	113,807,995	113,925,623	117,629	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,508	4	113,902,201	113,906,601	4,400	loss	35	4	113,807,995	113,925,623	117,629	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,509	4	113,908,601	113,919,201	10,600	loss	35	4	113,807,995	113,925,623	117,629	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,510	4	113,921,601	113,931,801	10,200	loss	35	4	113,807,995	113,925,623	117,629	loss	24	4	111,737,341	114,000,805	2,263,464	loss
1,511	4	113,934,001	113,943,601	9,600	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,512	4	113,945,601	113,952,801	7,200	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,513	4	113,956,401	113,971,001	14,600	loss	-	-	-	-	-	-	24	4	111,737,341	114,000,805	2,263,464	loss
1,514	4	115,874,201	115,876,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,515	4	116,201,401	116,203,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,516	4	117,034,801	117,036,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,517	4	117,370,201	117,371,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,518	4	117,373,601	117,375,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,519	4	117,775,601	117,777,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,520	4	118,219,601	118,222,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,521	4	119,149,201	119,151,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,522	4	119,316,001	119,318,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,523	4	119,320,801	119,326,601	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,524	4	119,358,401	119,363,201	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,525	4	119,370,201	119,372,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,526	4	119,456,601	119,458,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,527	4	119,583,201	119,586,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,528	4	119,781,801	119,786,601	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,529	4	119,926,601	119,928,001	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,530	4	120,110,601	120,115,801	5,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,531	4	123,496,201	123,498,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,532	4	123,754,801	123,756,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,533	4	126,686,201	126,688,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,534	4	135,012,401	135,014,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	36	4	139,194,302	139,196,589	2,288	gain	-	-	-	-	-	-
1,535	4	139,259,201	139,262,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,536	4	139,275,201	139,277,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,537	4	139,342,801	139,348,401	5,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,538	4	139,496,001	139,499,201	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,539	4	139,507,601	139,510,601	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,540	4	139,511,801	139,514,801	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,541	4	139,555,801	139,557,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,542	4	140,992,001	140,994,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,543	4	141,403,601	141,411,001	7,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,544	4	142,617,001	142,620,201	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,545	4	142,854,801	142,857,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,546	4	142,880,201	142,884,601	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,547	4	145,348,601	145,351,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,548	4	148,904,001	148,905,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,549	4	151,840,201	151,841,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,550	4	152,760,601	152,763,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,551	4	153,320,401	153,322,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,552	4	153,552,601	153,554,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,553	4	153,675,601	153,678,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,554	4	155,283,801	155,291,201	7,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,555	4	155,295,401	155,303,001	7,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,556	4	155,308,401	155,311,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,557	4	155,477,801	155,480,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,558	5	8,380,801	8,383,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,559	5	8,710,401	8,712,601	2,200	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,560	5	8,788,401	8,790,801	2,400	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,561	5	8,874,201	8,876,601	2,400	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,562	5	9,048,201	9,050,801	2,600	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,563	5	9,079,801	9,082,401	2,600	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,564	5	9,303,201	9,305,601	2,400	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,565	5	9,340,201	9,342,201	2,000	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,566	5	9,400,801	9,402,801	2,000	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,567	5	9,407,001	9,409,401	2,400	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,568	5	9,412,201	9,414,601	2,400	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,569	5	9,426,001	9,428,601	2,600	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,570	5	9,430,401	9,433,401	3,000	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,571	5	9,961,001	9,962,601	1,600	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,572	5	10,058,401	10,060,401	2,000	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,573	5	10,065,401	10,068,801	3,400	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,574	5	10,069,001	10,072,601	3,600	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,575	5	10,076,401	10,079,001	2,600	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,576	5	10,092,601	10,095,001	2,400	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,577	5	10,113,001	10,115,001	2,000	gain	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,578	5	10,133,201	10,134,801	1,600	gain	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,579	5	10,142,801	10,145,801	3,000	gain	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,580	5	10,157,201	10,160,001	2,800	gain	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,581	5	10,208,801	10,212,401	3,600	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,582	5	10,386,201	10,387,601	1,400	gain	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,583	5	10,485,201	10,487,201	2,000	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,584	5	10,583,801	10,586,401	2,600	loss	37	5	10,562,306	10,611,660	49,355	loss	25	5	8,598,466	10,757,049	2,158,583	loss
1,585	5	10,610,401	10,614,201	3,800	loss	37	5	10,562,306	10,611,660	49,355	loss	25	5	8,598,466	10,757,049	2,158,583	loss
1,586	5	10,620,401	10,627,401	7,000	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,587	5	10,627,601	10,630,601	3,000	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,588	5	10,634,601	10,636,801	2,200	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,589	5	10,699,801	10,708,001	8,200	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,590	5	10,727,601	10,732,401	4,800	loss	-	-	-	-	-	-	25	5	8,598,466	10,757,049	2,158,583	loss
1,591	5	11,138,801	11,145,201	6,400	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,592	5	11,288,601	11,293,401	4,800	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,593	5	11,300,201	11,302,401	2,200	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,594	5	11,312,201	11,314,001	1,800	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,595	5	11,314,401	11,316,201	1,800	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,596	5	11,319,601	11,324,401	4,800	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,597	5	11,335,601	11,338,201	2,600	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,598	5	11,377,001	11,384,201	7,200	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,599	5	11,385,401	11,387,201	1,800	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,600	5	11,749,001	11,752,201	3,200	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,601	5	11,805,401	11,810,401	5,000	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,602	5	11,814,201	11,816,601	2,400	gain	-	-	-	-	-	-	26	5	10,872,011	11,817,489	945,478	gain
1,603	5	12,065,201	12,067,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,604	5	12,069,801	12,073,201	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,605	5	12,164,001	12,165,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,606	5	12,168,601	12,170,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,607	5	12,249,001	12,250,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,608	5	12,268,801	12,272,001	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,609	5	12,473,001	12,475,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,610	5	12,478,001	12,480,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,611	5	12,493,401	12,495,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,612	5	12,845,401	12,847,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,613	5	13,160,201	13,161,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,614	5	13,164,001	13,166,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,615	5	14,916,001	14,919,401	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,616	5	14,926,001	14,928,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,617	5	14,943,401	14,950,001	6,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,618	5	14,950,401	14,964,601	14,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,619	5	14,971,001	15,001,801	30,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,620	5	15,002,201	15,013,001	10,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,621	5	15,016,001	15,027,601	11,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,622	5	15,029,601	15,036,801	7,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,623	5	15,037,001	15,046,601	9,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,624	5	15,051,201	15,057,001	5,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,625	5	15,114,801	15,118,401	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,626	5	15,120,401	15,128,601	8,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,627	5	15,133,601	15,142,401	8,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,628	5	15,146,601	15,153,001	6,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,629	5	15,184,001	15,189,201	5,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,630	5	15,193,601	15,202,601	9,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,631	5	15,204,801	15,209,201	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,632	5	24,738,201	24,742,201	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,633	5	25,319,201	25,325,801	6,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,634	5	26,323,601	26,325,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,635	5	27,691,201	27,692,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,636	5	28,165,001	28,167,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,637	5	30,103,401	30,105,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,638	5	30,532,001	30,534,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,639	5	33,073,401	33,076,401	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,685	5	89,444,801	89,447,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,686	5	89,614,801	89,617,801	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,687	5	89,632,001	89,633,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,688	5	89,679,201	89,681,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,689	5	89,689,801	89,692,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,690	5	89,772,001	89,773,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,691	5	89,874,601	89,876,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,692	5	89,973,801	89,975,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,693	5	89,978,601	89,981,001	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,694	5	90,240,001	90,242,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,695	5	90,467,201	90,469,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,696	5	90,805,801	90,807,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,697	5	91,026,201	91,028,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,698	5	91,103,201	91,105,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,699	5	93,889,801	93,892,601	2,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,700	5	93,911,801	93,923,401	11,600	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,701	5	93,939,201	93,942,801	3,600	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,702	5	93,945,801	93,959,401	13,600	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,703	5	93,961,201	93,975,401	14,200	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,704	5	94,010,001	94,025,801	15,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,705	5	94,038,001	94,049,801	11,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,706	5	94,052,401	94,055,001	2,600	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,707	5	94,063,201	94,068,201	5,000	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,708	5	94,241,001	94,243,801	2,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,709	5	94,246,201	94,248,401	2,200	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,710	5	94,284,001	94,302,401	18,400	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,711	5	94,303,201	94,308,201	5,000	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,712	5	94,324,001	94,328,801	4,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,713	5	94,335,201	94,342,801	7,600	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,714	5	94,348,201	94,358,801	10,600	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,715	5	94,361,001	94,365,401	4,400	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,716	5	94,376,801	94,380,201	3,400	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,717	5	94,382,801	94,395,201	12,400	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,718	5	94,413,601	94,423,601	10,000	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,719	5	94,665,601	94,681,601	16,000	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,720	5	94,685,001	94,689,801	4,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,721	5	94,698,001	94,700,801	2,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,722	5	94,713,001	94,716,201	3,200	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,723	5	94,732,401	94,738,201	5,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,724	5	94,755,201	94,758,401	3,200	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,725	5	94,763,401	94,766,801	3,400	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,726	5	94,791,001	94,795,601	4,600	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,727	5	94,899,401	94,903,001	3,600	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,728	5	94,905,601	94,908,401	2,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,729	5	94,965,801	94,968,601	2,800	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss
1,730	5	94,970,601	95,000,801	30,200	loss	-	-	-	-	-	-	27	5	93,891,321	95,954,760	2,063,439	loss





NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,777	5	100,728,601	100,730,001	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,778	5	101,738,401	101,741,801	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,779	5	101,891,001	101,893,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,780	5	103,751,601	103,753,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,781	5	104,384,801	104,386,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,782	5	104,647,401	104,649,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,783	5	104,683,001	104,686,201	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,784	5	104,704,801	104,708,401	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,785	5	104,713,401	104,715,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,786	5	104,847,201	104,849,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,787	5	104,905,201	104,907,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,788	5	104,925,001	104,927,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,789	5	104,953,601	104,955,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,790	5	105,006,601	105,010,201	3,600	gain	-	-	-	-	-	-	28	5	104,993,270	105,357,266	363,996	gain
1,791	5	105,015,801	105,019,201	3,400	gain	-	-	-	-	-	-	28	5	104,993,270	105,357,266	363,996	gain
1,792	5	105,023,801	105,035,401	11,600	gain	-	-	-	-	-	-	28	5	104,993,270	105,357,266	363,996	gain
1,793	5	105,037,001	105,039,801	2,800	gain	-	-	-	-	-	-	28	5	104,993,270	105,357,266	363,996	gain
1,794	5	105,044,001	105,057,401	13,400	gain	-	-	-	-	-	-	28	5	104,993,270	105,357,266	363,996	gain
1,795	5	105,058,001	105,068,001	10,000	gain	-	-	-	-	-	-	28	5	104,993,270	105,357,266	363,996	gain
1,796	5	105,069,801	105,093,001	23,200	gain	41	5	105,072,998	105,359,320	286,323	gain	28	5	104,993,270	105,357,266	363,996	gain
1,797	5	105,097,601	105,122,801	25,200	gain	41	5	105,072,998	105,359,320	286,323	gain	28	5	104,993,270	105,357,266	363,996	gain
1,798	5	105,125,201	105,128,601	3,400	gain	41	5	105,072,998	105,359,320	286,323	gain	28	5	104,993,270	105,357,266	363,996	gain
1,799	5	105,131,401	105,209,201	77,800	gain	41	5	105,072,998	105,359,320	286,323	gain	28	5	104,993,270	105,357,266	363,996	gain
1,800	5	105,213,201	105,220,201	7,000	gain	41	5	105,072,998	105,359,320	286,323	gain	28	5	104,993,270	105,357,266	363,996	gain
1,801	5	105,236,801	105,244,001	7,200	gain	41	5	105,072,998	105,359,320	286,323	gain	28	5	104,993,270	105,357,266	363,996	gain
1,802	5	105,261,001	105,262,601	1,600	gain	41	5	105,072,998	105,								

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,823	5	109,267,001	109,269,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,824	5	109,281,801	109,283,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,825	5	109,366,201	109,370,601	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,826	5	109,679,001	109,709,601	30,600	loss	-	-	-	-	-	-	29	5	109,680,690	109,707,195	26,505	loss
1,827	5	109,801,401	109,803,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,828	5	110,031,201	110,034,401	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,829	5	110,047,401	110,048,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,830	5	110,053,401	110,059,201	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,831	5	110,062,801	110,064,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,832	5	110,153,401	110,155,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,833	5	110,157,601	110,159,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,834	5	110,318,201	110,328,601	10,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,835	5	110,338,001	110,342,201	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,836	5	110,628,001	110,629,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	42	5	113,687,145	113,687,269	125	gain	-	-	-	-	-	-
-	-	-	-	-	-	43	5	118,388,158	118,388,803	646	gain	-	-	-	-	-	-
1,837	5	118,902,601	118,905,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,838	5	122,644,401	122,648,601	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,839	5	123,658,401	123,660,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	44	5	124,367,246	124,378,643	11,398	gain	-	-	-	-	-	-
1,840	5	124,534,801	124,537,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,841	5	125,978,201	125,980,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,842	5	125,985,801	125,988,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,843	5	126,194,801	126,198,201	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,844	5	126,201,401	126,204,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,845	5	126,341,601	126,344,601	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,846	5	126,527,201	126,536,001	8,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,847	5	126,574,201	126,577,401	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,848	5	126,767,201	126,769,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,849	5	126,780,201	126,782,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,850	5	126,790,601	126,792,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,851	5	127,076,001	127,077,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,852	5	127,690,201	127,692,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,853	5	127,789,201	127,791,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,854	5	127,978,801	127,980,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,855	5	128,165,801	128,167,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,856	5	128,792,201	128,794,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,857	5	130,076,601	130,079,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,858	5	131,202,201	131,204,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,859	5	132,086,801	132,089,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,860	5	132,655,601	132,658,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,861	5	132,788,801	132,794,201	5,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,862	5	136,099,001	136,101,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,863	5	137,075,201	137,076,601	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,864	5	137,308,001	137,311,801	3,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,865	5	137,341,801	137,343,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,866	5	144,537,201	144,540,401	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,867	5	148,416,001	148,418,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,868	6	7,671,201	7,675,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,869	6	9,248,001	9,251,801	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,870	6	10,348,201	10,352,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,871	6	12,097,801	12,101,001	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,872	6	12,102,201	12,105,201	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,873	6	12,112,201	12,114,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,874	6	12,233,201	12,236,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,875	6	12,472,201	12,473,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,876	6	12,818,001	12,820,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,877	6	12,824,201	12,826,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,878	6	12,898,801	12,901,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,879	6	13,001,201	13,002,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,880	6	13,086,601	13,091,601	5,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,881	6	13,122,801	13,125,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,882	6	13,229,201	13,231,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,883	6	13,317,801	13,320,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,884	6	13,400,401	13,402,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,885	6	13,410,001	13,411,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,886	6	13,598,001	13,600,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,887	6	13,692,601	13,695,001	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,888	6	13,991,801	13,993,201	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,889	6	14,105,201	14,107,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,890	6	14,111,201	14,115,201	4,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,891	6	14,120,801	14,123,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,892	6	14,164,201	14,166,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,893	6	14,211,401	14,217,601	6,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,894	6	14,269,401	14,274,401	5,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,895	6	14,289,801	14,294,601	4,800	gain	45	6	14,292,500	14,402,255	109,756	gain	-	-	-	-	-	-
1,896	6	14,376,001	14,378,001	2,000	gain	45	6	14,292,500	14,402,255	109,756	gain	-	-	-	-	-	-
1,897	6	14,396,201	14,410,001	13,800	gain	45	6	14,292,500	14,402,255	109,756	gain	-	-	-	-	-	-
1,898	6	14,416,801	14,418,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,899	6	14,442,601	14,446,601	4,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,900	6	14,447,801	14,450,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,901	6	14,460,601	14,462,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	46	6	15,022,430	15,034,563	12,134	gain	-	-	-	-	-	-
1,902	6	15,828,201	15,830,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,903	6	15,889,001	15,891,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,904	6	17,183,201	17,184,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,905	6	17,715,401	17,717,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,906	6	18,438,801	18,440,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,907	6	18,576,201	18,579,001	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,908	6	18,893,601	18,895,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,909	6	19,596,001	19,600,401	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,910	6	22,506,801	22,509,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
1,955	6	52,042,601	52,044,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,956	6	52,459,401	52,460,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,957	6	58,769,201	58,773,801	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,958	6	63,515,201	63,516,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,959	6	63,534,801	63,537,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,960	6	63,546,801	63,548,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,961	6	63,623,601	63,626,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,962	6	64,885,801	64,887,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,963	6	66,571,801	66,573,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,964	6	66,595,201	66,596,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,965	6	66,604,401	66,606,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,966	6	66,613,601	66,618,601	5,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
1,967	6	66,622,601	66,625,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,968	6	66,653,001	66,654,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,969	6	66,715,601	66,717,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,970	6	66,763,801	66,769,801	6,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,971	6	66,778,601	66,782,601	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,972	6	66,825,201	66,828,601	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,973	6	67,110,001	67,111,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,974	6	67,443,201	67,445,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,975	6	67,457,201	67,459,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,976	6	67,501,801	67,505,601	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,977	6	67,510,601	67,526,601	16,000	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,978	6	67,532,001	67,536,401	4,400	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,979	6	67,541,401	67,554,201	12,800	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,980	6	67,555,601	67,561,601	6,000	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,981	6	67,566,401	67,570,201	3,800	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,982	6	67,575,601	67,616,201	40,600	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,983	6	67,616,801	67,639,601	22,800	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,984	6	67,640,601	67,642,401	1,800	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,985	6	67,646,401	67,650,601	4,200	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,986	6	67,651,801	67,654,801	3,000	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,987	6	67,657,001	67,662,401	5,400	loss	50	6	67,506,071	67,662,275	156,205	loss	-	-	-	-	-	-
1,988	6	67,670,001	67,671,401	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,989	6	67,689,201	67,694,201	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,990	6	67,792,401	67,794,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,991	6	68,193,601	68,195,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,992	6	68,477,201	68,479,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,993	6	68,513,801	68,515,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,994	6	68,516,001	68,518,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
1,995	6	68,521,401	68,562,801	41,400	loss	51	6	68,535,332	68,654,639	119,308	loss	30	6	68,527,610	68,663,805	136,195	loss
1,996	6	68,566,401	68,575,801	9,400	loss	51	6	68,535,332	68,654,639	119,308	loss	30	6	68,527,610	68,663,805	136,195	loss
1,997	6	68,576,801	68,581,401	4,600	loss	51	6	68,535,332	68,654,639	119,308	loss	30	6	68,527,610	68,663,805	136,195	loss
1,998	6	68,604,201	68,615,601	11,400	loss	51	6	68,535,332	68,654,639	119,308	loss	30	6	68,527,610	68,663,805	136,195	loss
1,999	6	68,618,001	68,622,001	4,000	loss	51	6	68,535,332	68,654,639	119,308	loss	30	6	68,527,610	68,663,805	136,195	loss
2,000	6	68,630,201	68,633,001	2,800	loss	51	6	68,535,332	68,654,639	119,308	loss	30	6	68,527,610	68,663,805	136,195	loss

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,047	6	80,841,401	80,843,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,048	6	86,979,201	86,981,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,049	6	87,924,201	87,926,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,050	6	88,733,801	88,736,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,051	6	88,847,401	88,849,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,052	6	89,129,601	89,132,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,053	6	89,134,401	89,137,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,054	6	89,145,201	89,162,401	17,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,055	6	89,894,001	89,898,201	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,056	6	93,308,801	93,311,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,057	6	93,325,801	93,327,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,058	6	93,399,001	93,402,201	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,059	6	93,494,401	93,496,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,060	6	93,533,801	93,537,001	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,061	6	93,957,001	93,959,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,062	6	94,764,401	94,766,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,063	6	96,588,201	96,590,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,064	6	96,655,201	96,657,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,065	6	98,280,601	98,282,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,066	6	98,616,801	98,618,201	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,067	6	98,770,401	98,772,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,068	6	98,796,201	98,799,201	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	52	6	98,894,638	98,894,702	65	gain	-	-	-	-	-	-
2,069	6	100,697,401	100,700,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,070	6	100,845,601	100,847,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,071	6	101,087,601	101,089,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,072	6	101,092,401	101,094,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,073	6	101,189,601	101,192,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,074	6	101,283,001	101,286,201	3,200	gain	53	6	101,283,676	101,286,899	3,224	gain	-	-	-	-	-	-
2,075	6	101,459,401	101,462,401	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,076	6	101,515,801	101,518,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,077	6	101,526,801	101,528,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,078	6	101,535,201	101,537,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,079	6	101,568,601	101,572,201	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,080	6	101,651,401	101,654,001	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,081	6	101,685,001	101,687,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,082	6	101,749,801	101,755,201	5,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,083	6	101,765,201	101,767,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,084	6	101,779,801	101,783,801	4,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,085	6	101,815,401	101,817,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,086	6	102,003,401	102,006,201	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,087	6	102,028,001	102,030,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,088	6	102,071,801	102,074,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,089	6	102,402,401	102,404,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,090	6	102,448,201	102,450,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,091	6	102,710,001	102,713,401	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,092	6	102,787,001	102,789,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,093	6	102,812,001	102,814,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,094	6	102,814,401	102,817,201	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,095	6	102,916,601	102,919,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,096	6	102,924,201	102,929,001	4,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,097	6	102,953,201	102,955,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,098	6	102,962,601	102,965,601	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,099	6	103,530,401	103,533,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,100	6	103,874,401	103,876,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,101	6	104,115,401	104,117,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,102	6	104,167,201	104,177,601	10,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,103	6	104,305,801	104,307,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,104	6	104,321,601	104,323,001	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,105	6	104,334,601	104,336,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,106	6	104,340,601	104,344,801	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,107	6	104,800,801	104,804,601	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,108	6	105,090,201	105,092,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,109	6	105,203,201	105,205,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,110	6	105,206,201	105,208,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,111	6	105,296,001	105,298,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,112	6	105,312,401	105,315,801	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,113	6	105,575,001	105,577,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,114	6	105,630,601	105,632,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,115	6	106,259,201	106,261,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,116	6	106,264,801	106,266,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,117	6	106,271,001	106,272,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,118	6	106,346,801	106,349,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,119	6	106,584,201	106,586,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,120	6	106,902,601	106,904,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,121	6	106,930,001	106,932,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	54	6	106,983,886	107,028,455	44,570	gain	-	-	-	-	-	-
-	-	-	-	-	-	55	6	107,066,975	107,080,793	13,819	gain	-	-	-	-	-	-
2,122	6	107,088,201	107,090,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,123	6	107,101,201	107,104,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,124	6	107,163,201	107,164,601	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	56	6	107,172,140	107,215,744	43,605	gain	-	-	-	-	-	-
2,125	6	107,268,401	107,270,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,126	6	107,505,201	107,507,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,127	6	107,522,601	107,524,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,128	6	112,174,401	112,177,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,129	6	112,187,001	112,188,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,130	6	112,190,601	112,192,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,131	6	112,200,801	112,205,601	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,132	6	112,537,401	112,539,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,133	6	112,602,201	112,603,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,134	6	112,858,401	112,861,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-



NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,135	6	113,332,201	113,334,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,136	6	113,939,601	113,942,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,137	6	114,290,001	114,292,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,138	6	114,439,801	114,587,601	147,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,139	6	115,779,001	115,781,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,140	6	115,818,601	115,822,601	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,141	6	116,199,801	116,203,001	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,142	6	116,598,201	116,601,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,143	6	116,634,601	116,636,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,144	6	116,653,201	116,656,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,145	6	116,696,201	116,698,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,146	6	116,757,401	116,759,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,147	6	117,037,001	117,038,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,148	6	118,002,201	118,004,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,149	6	118,209,201	118,211,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,150	6	118,237,201	118,242,401	5,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,151	6	118,372,801	118,375,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,152	6	118,385,401	118,390,601	5,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,153	6	118,442,201	118,445,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,154	6	118,519,001	118,521,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,155	6	118,522,201	118,525,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,156	6	120,761,001	120,764,001	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,157	6	120,766,401	120,768,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,158	6	121,005,001	121,007,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,159	6	121,028,001	121,030,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,160	6	121,102,001	121,103,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	57	6	121,211,838	121,212,147	310	gain	-	-	-	-	-	-
2,161	6	122,190,201	122,196,001	5,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,162	6	122,322,201	122,323,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,163	6	133,808,601	133,810,001	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,164	6	133,871,401	133,873,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,165	6	133,877,401	133,879,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,166	6	133,880,201	133,883,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,167	6	133,891,001	133,895,601	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,168	6	133,897,201	133,901,401	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,169	6	133,902,401	133,903,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,170	6	135,217,401	135,219,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,171	6	135,543,601	135,546,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,172	6	138,567,001	138,569,001	2,000	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,173	6	138,687,401	138,690,201	2,800	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,174	6	138,696,001	138,698,001	2,000	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,175	6	138,710,601	138,712,401	1,800	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,176	6	138,856,201	138,858,401	2,200	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,177	6	139,039,001	139,043,201	4,200	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,178	6	139,044,601	139,047,001	2,400	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,179	6	139,100,001	139,102,001	2,000	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,180	6	139,190,401	139,191,801	1,400	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,181	6	139,194,001	139,196,801	2,800	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,182	6	139,248,201	139,250,601	2,400	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,183	6	139,296,001	139,298,601	2,600	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,184	6	139,362,201	139,367,801	5,600	gain	58	6	139,365,392	139,410,202	44,811	gain	31	6	138,497,967	139,588,152	1,090,185	gain
2,185	6	139,385,201	139,389,201	4,000	gain	58	6	139,365,392	139,410,202	44,811	gain	31	6	138,497,967	139,588,152	1,090,185	gain
2,186	6	139,402,801	139,405,601	2,800	gain	58	6	139,365,392	139,410,202	44,811	gain	31	6	138,497,967	139,588,152	1,090,185	gain
2,187	6	139,467,801	139,469,801	2,000	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,188	6	139,499,201	139,502,201	3,000	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,189	6	139,509,401	139,514,201	4,800	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,190	6	139,526,601	139,529,201	2,600	gain	-	-	-	-	-	-	31	6	138,497,967	139,588,152	1,090,185	gain
2,191	6	139,715,601	139,718,001	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,192	6	139,764,601	139,766,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,193	6	139,768,401	139,770,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,194	6	139,779,401	139,781,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,195	6	139,818,801	139,821,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,196	6	139,830,401	139,833,201	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,197	6	139,886,201	139,890,001	3,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,198	6	140,128,801	140,132,801	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,199	6	140,208,201	140,209,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,200	6	140,269,601	140,271,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,201	6	140,274,201	140,276,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,202	6	140,351,401	140,352,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,203	6	140,355,801	140,359,201	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,204	6	140,393,401	140,395,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,205	6	140,475,001	140,476,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,206	6	140,519,601	140,521,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,207	6	140,554,801	140,557,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,208	6	140,560,601	140,562,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,209	6	140,607,201	140,609,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,210	6	140,665,201	140,667,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,211	6	140,684,201	140,686,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,212	6	140,690,401	140,697,001	6,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,213	6	140,733,001	140,734,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,214	6	140,768,801	140,771,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,215	6	140,782,601	140,784,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,216	6	140,788,601	140,790,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,217	6	140,866,801	140,869,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,218	6	140,878,201	140,880,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,219	6	140,933,401	140,935,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,220	6	140,938,201	140,940,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,221	6	141,511,801	141,513,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,222	6	141,594,401	141,596,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,223	6	141,643,601	141,645,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,224	6	141,648,801	141,652,601	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,225	6	141,972,201	141,973,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,226	6	142,837,201	142,839,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,227	6	142,845,001	142,846,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,228	6	142,933,801	142,937,601	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,229	6	143,064,801	143,067,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,230	6	143,069,401	143,072,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,231	6	143,165,001	143,167,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,232	6	143,173,801	143,175,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,233	6	143,214,401	143,216,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,234	6	143,647,401	143,658,601	11,200	gain	59	6	143,649,311	143,657,471	8,161	gain	-	-	-	-	-	-
2,235	6	143,748,801	143,751,801	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,236	6	144,339,801	144,341,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,237	6	144,900,401	144,903,801	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,238	6	144,975,001	144,977,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	60	6	145,118,279	145,118,297	19	gain	-	-	-	-	-	-
2,239	6	146,199,201	146,202,601	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,240	6	146,312,601	146,315,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,241	6	146,318,001	146,319,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,242	6	146,856,001	146,857,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,243	6	147,436,201	147,438,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,244	6	147,472,201	147,474,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,245	6	147,624,601	147,627,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,246	6	147,825,201	147,829,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,247	6	147,893,201	147,895,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,248	6	147,921,401	147,923,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,249	7	3,668,801	3,675,801	7,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,250	7	3,691,801	3,701,001	9,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,251	7	3,776,801	3,781,001	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,252	7	3,796,601	3,806,001	9,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,253	7	3,811,801	3,818,601	6,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,254	7	3,819,401	3,824,001	4,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,255	7	3,941,001	3,942,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,256	7	3,954,001	3,956,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,257	7	4,043,001	4,045,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,258	7	4,366,001	4,368,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,259	7	5,338,201	5,340,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,260	7	5,392,401	5,394,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,261	7	5,475,601	5,483,601	8,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,262	7	5,486,801	5,501,401	14,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,263	7	5,811,001	5,812,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,264	7	5,833,201	5,835,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,265	7	5,978,801	5,980,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,266	7	6,325,601	6,328,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,267	7	6,605,801	6,611,201	5,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,268	7	6,970,601	6,976,001	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,269	7	7,098,201	7,106,601	8,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,270	7	7,160,801	7,164,001	3,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,271	7	7,176,801	7,179,601	2,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,272	7	7,181,401	7,190,601	9,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,273	7	7,262,201	7,271,401	9,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,274	7	7,275,201	7,279,801	4,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,275	7	7,281,001	7,288,601	7,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,276	7	7,306,601	7,444,001	137,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,277	7	7,444,601	7,480,601	36,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,278	7	7,487,401	7,525,401	38,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,279	7	7,529,401	7,532,801	3,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,280	7	7,544,801	7,566,001	21,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,281	7	7,597,401	7,602,001	4,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,282	7	7,627,201	7,655,001	27,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,283	7	7,656,601	7,661,401	4,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,284	7	7,662,401	7,667,601	5,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,285	7	7,672,001	7,675,001	3,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,286	7	7,675,601	7,678,601	3,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,287	7	7,701,601	7,704,001	2,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,288	7	7,766,401	7,775,201	8,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,289	7	7,801,001	7,806,001	5,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,290	7	7,837,801	7,844,201	6,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,291	7	7,850,401	7,858,001	7,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,292	7	7,862,001	7,864,201	2,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,293	7	7,944,001	7,947,401	3,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,294	7	7,968,401	7,971,601	3,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,295	7	8,000,601	8,008,001	7,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,296	7	8,035,601	8,041,801	6,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,297	7	8,048,601	8,050,401	1,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,298	7	8,066,801	8,069,801	3,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,299	7	8,070,001	8,078,201	8,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,300	7	8,078,401	8,080,401	2,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,301	7	8,083,201	8,092,601	9,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,302	7	8,097,201	8,101,401	4,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,303	7	8,385,401	8,388,401	3,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,304	7	8,554,001	8,563,401	9,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,305	7	8,568,801	8,576,601	7,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,306	7	8,580,601	8,584,801	4,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,307	7	8,594,601	8,598,401	3,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,308	7	8,603,601	8,613,001	9,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,309	7	8,638,001	8,639,601	1,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,310	7	8,757,201	8,763,801	6,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,311	7	8,783,401	8,786,001	2,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,312	7	8,793,601	8,797,601	4,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,313	7	8,799,401	8,801,601	2,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,314	7	8,825,801	8,833,601	7,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,315	7	8,912,001	8,917,001	5,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,316	7	8,929,601	8,934,601	5,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,317	7	8,935,401	8,939,801	4,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,318	7	8,941,001	8,944,801	3,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,319	7	8,948,001	8,951,401	3,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,320	7	8,951,801	8,973,401	21,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,321	7	8,993,801	9,000,201	6,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,322	7	9,006,401	9,012,001	5,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,323	7	9,016,401	9,019,001	2,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,324	7	9,025,601	9,028,601	3,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,325	7	9,030,601	9,057,601	27,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,326	7	9,065,001	9,071,601	6,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,327	7	9,074,001	9,093,801	19,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,328	7	9,103,601	9,119,401	15,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,329	7	9,125,801	9,250,001	124,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,330	7	9,252,801	9,271,601	18,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,331	7	9,287,601	9,302,601	15,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,332	7	9,306,201	9,338,401	32,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,333	7	9,516,601	9,521,201	4,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,334	7	9,575,601	9,579,401	3,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,335	7	9,582,201	9,620,601	38,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,336	7	9,622,001	9,662,401	40,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,337	7	9,662,801	9,671,401	8,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,338	7	9,675,001	9,676,801	1,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,339	7	9,682,601	9,772,601	90,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,340	7	9,815,801	9,821,401	5,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,341	7	9,827,801	9,830,201	2,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,342	7	9,835,001	9,952,001	117,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,343	7	9,953,201	9,969,601	16,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,344	7	9,972,201	9,991,001	18,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,345	7	9,999,801	10,003,601	3,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,346	7	10,006,201	10,022,001	15,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,347	7	10,025,601	10,054,601	29,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,348	7	10,231,201	10,233,201	2,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,349	7	10,235,001	10,240,401	5,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,350	7	10,265,201	10,268,001	2,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,351	7	10,269,401	10,276,201	6,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,352	7	10,281,801	10,290,801	9,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,353	7	10,329,001	10,332,001	3,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,354	7	10,395,201	10,400,201	5,000	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,355	7	10,403,001	10,409,401	6,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,356	7	10,413,601	10,416,401	2,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,357	7	10,425,601	10,428,001	2,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,358	7	10,438,601	10,446,801	8,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,359	7	10,447,001	10,471,801	24,800	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,360	7	10,474,401	10,490,601	16,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,361	7	10,492,601	10,500,801	8,200	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,362	7	10,514,001	10,517,401	3,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,363	7	10,519,201	10,533,801	14,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,364	7	10,535,001	10,613,601	78,600	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,365	7	10,615,401	10,658,801	43,400	gain	-	-	-	-	-	-	32	7	7,156,587	10,630,880	3,474,293	gain
2,366	7	10,659,601	10,666,801	7,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,367	7	10,899,801	10,901,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,368	7	10,918,401	10,920,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,369	7	10,975,801	10,978,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,370	7	11,042,201	11,046,401	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,371	7	11,234,601	11,236,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,372	7	11,312,801	11,316,001	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,373	7	11,340,801	11,370,801	30,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,374	7	11,522,601	11,526,001	3,400	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,375	7	11,529,801	11,532,601	2,800	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,376	7	11,542,401	11,546,201	3,800	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,377	7	11,561,201	11,580,401	19,200	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,378	7	11,582,601	11,586,001	3,400	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,379	7	11,599,801	11,602,401	2,600	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,380	7	11,603,401	11,606,801	3,400	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,381	7	11,613,401	11,639,601	26,200	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,382	7	11,644,401	11,674,401	30,000	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,383	7	11,678,001	11,680,201	2,200	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,384	7	11,768,001	11,770,201	2,200	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,385	7	11,786,001	11,788,801	2,800	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,386	7	11,791,801	11,794,801	3,000	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,387	7	11,870,801	11,877,401	6,600	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,388	7	11,889,601	11,896,001	6,400	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,389	7	11,906,601	11,910,401	3,800	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,390	7	11,911,201	11,914,001	2,800	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,391	7	11,922,001	11,926,401	4,400	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,392	7	11,933,401	11,938,401	5,000	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,393	7	11,952,801	11,973,601	20,800	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,394	7	11,975,001	11,978,801	3,800	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,395	7	12,040,401	12,051,601	11,200	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,396	7	12,058,201	12,061,601	3,400	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,397	7	12,081,601	12,089,201	7,600	loss	-	-	-	-	-	-	33	7	11,470,185	12,114,259	644,074	loss
2,398	7	12,157,601	12,160,001	2,400	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,399	7	12,168,001	12,179,601	11,600	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,400	7	12,185,401	12,187,401	2,000	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,401	7	12,206,201	12,216,401	10,200	gain	61	7	12,211,054	12,258,765	47,712	gain	34	7	12,136,553	12,740,971	604,418	gain
2,402	7	12,227,001	12,229,601	2,600	gain	61	7	12,211,054	12,258,765	47,712	gain	34	7	12,136,553	12,740,971	604,418	gain
2,403	7	12,237,201	12,255,601	18,400	gain	61	7	12,211,054	12,258,765	47,712	gain	34	7	12,136,553	12,740,971	604,418	gain
2,404	7	12,281,401	12,283,601	2,200	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,405	7	12,291,001	12,298,001	7,000	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,406	7	12,468,001	12,475,001	7,000	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,407	7	12,487,001	12,489,601	2,600	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,408	7	12,531,201	12,533,401	2,200	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,409	7	12,549,801	12,554,601	4,800	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,410	7	12,633,001	12,637,001	4,000	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,411	7	12,645,601	12,655,601	10,000	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,412	7	12,661,001	12,663,201	2,200	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,413	7	12,665,201	12,667,601	2,400	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,414	7	12,670,601	12,673,401	2,800	gain	62	7	12,671,417	12,671,825	409	gain	34	7	12,136,553	12,740,971	604,418	gain
2,415	7	12,707,001	12,709,401	2,400	gain	-	-	-	-	-	-	34	7	12,136,553	12,740,971	604,418	gain
2,416	7	12,721,601	12,726,601	5,000	gain	63	7	12,712,933	12,770,476	57,544	gain	34	7	12,136,553	12,740,971	604,418	gain
2,417	7	12,730,601	12,735,401	4,800	gain	63	7	12,712,933	12,770,476	57,544	gain	34	7	12,136,553	12,740,971	604,418	gain
2,418	7	12,738,801	12,742,201	3,400	gain	63	7	12,712,933	12,770,476	57,544	gain	34	7	12,136,553	12,740,971	604,418	gain
2,419	7	12,768,401	12,773,601	5,200	gain	63	7	12,712,933	12,770,476	57,544	gain	-	-	-	-	-	-
2,420	7	13,150,001	13,152,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,421	7	13,157,001	13,164,801	7,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,422	7	13,534,801	13,536,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,423	7	15,168,201	15,170,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,424	7	15,260,601	15,267,201	6,600	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,425	7	15,276,001	15,283,601	7,600	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,426	7	15,287,601	15,291,201	3,600	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,427	7	15,303,201	15,314,601	11,400	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,428	7	15,319,001	15,323,601	4,600	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,429	7	15,328,801	15,337,801	9,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,430	7	15,344,001	15,348,401	4,400	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,431	7	15,348,601	15,364,601	16,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,432	7	15,368,001	15,383,801	15,800	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,433	7	15,386,601	15,390,401	3,800	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,434	7	15,392,001	15,399,001	7,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,435	7	15,405,801	15,408,001	2,200	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,436	7	15,408,801	15,418,801	10,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,437	7	15,419,201	15,421,001	1,800	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,438	7	15,424,401	15,428,601	4,200	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,439	7	15,432,801	15,436,801	4,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,440	7	15,446,001	15,449,601	3,600	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,441	7	15,453,201	15,458,201	5,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,442	7	15,470,601	15,474,001	3,400	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,443	7	15,480,601	15,494,601	14,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,444	7	15,503,401	15,506,401	3,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,445	7	15,518,401	15,520,801	2,400	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,446	7	15,528,801	15,535,601	6,800	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,447	7	15,543,801	15,545,801	2,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,448	7	15,547,601	15,550,401	2,800	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,449	7	15,553,001	15,556,601	3,600	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,450	7	15,568,001	15,570,401	2,400	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,451	7	15,576,001	15,581,801	5,800	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,452	7	15,587,801	15,601,401	13,600	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,453	7	15,609,001	15,617,001	8,000	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss
2,454	7	15,620,801	15,628,601	7,800	loss	-	-	-	-	-	-	35	7	15,263,229	16,224,724	961,495	loss

[illegible]



NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,501	7	18,868,801	18,870,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,502	7	18,893,801	18,898,201	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,503	7	18,903,201	18,907,001	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,504	7	19,049,001	19,052,401	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,505	7	19,071,601	19,073,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,506	7	19,077,401	19,079,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,507	7	19,155,201	19,175,201	20,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,508	7	19,179,001	19,193,001	14,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,509	7	19,289,401	19,291,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,510	7	19,298,601	19,302,201	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,511	7	19,348,001	19,351,401	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,512	7	19,486,401	19,488,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,513	7	20,533,401	20,536,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,514	7	20,553,601	20,556,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,515	7	20,655,201	20,658,201	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,516	7	20,659,601	20,671,401	11,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,517	7	20,687,201	20,690,201	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,518	7	20,791,201	20,795,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,519	7	21,016,401	21,021,201	4,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,520	7	21,332,601	21,336,201	3,600	gain	-	-	-	-	-	-	37	7	21,203,259	21,559,010	355,751	gain
2,521	7	21,338,001	21,341,801	3,800	gain	-	-	-	-	-	-	37	7	21,203,259	21,559,010	355,751	gain
2,522	7	21,525,601	21,539,801	14,200	gain	-	-	-	-	-	-	37	7	21,203,259	21,559,010	355,751	gain
2,523	7	21,558,201	21,561,001	2,800	gain	-	-	-	-	-	-	37	7	21,203,259	21,559,010	355,751	gain
2,524	7	21,579,201	21,582,801	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,525	7	21,592,201	21,594,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,526	7	21,669,401	21,673,401	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,527	7	21,773,401	21,776,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,528	7	21,880,401	21,888,001	7,600	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,529	7	21,888,801	21,897,401	8,600	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,530	7	21,903,801	21,923,401	19,600	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,531	7	21,928,001	21,931,801	3,800	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,532	7	21,932,601	21,983,601	51,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,533	7	21,991,001	22,005,001	14,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,534	7	22,013,401	22,018,201	4,800	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,535	7	22,025,001	22,030,001	5,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,536	7	22,035,201	22,037,201	2,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,537	7	22,039,201	22,067,601	28,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,538	7	22,068,801	22,076,201	7,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,539	7	22,081,801	22,084,801	3,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,540	7	22,175,001	22,185,201	10,200	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,541	7	22,227,401	22,230,801	3,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,542	7	22,374,001	22,379,401	5,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,543	7	22,380,401	22,382,801	2,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,544	7	22,460,601	22,474,601	14,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,545	7	22,481,601	22,496,401	14,800	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,546	7	22,505,001	22,510,401	5,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,547	7	22,514,801	22,517,201	2,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,548	7	22,524,801	22,527,601	2,800	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,549	7	22,528,001	22,534,601	6,600	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,550	7	22,541,601	22,544,801	3,200	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,551	7	22,658,201	22,666,801	8,600	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,552	7	22,710,801	22,713,201	2,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,553	7	22,856,201	22,861,001	4,800	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,554	7	22,986,601	22,990,801	4,200	loss	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,555	7	23,084,201	23,087,201	3,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,556	7	23,090,601	23,095,001	4,400	loss	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,557	7	23,210,601	23,215,601	5,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,558	7	23,519,401	23,530,601	11,200	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,559	7	23,547,601	23,550,601	3,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,560	7	23,555,201	23,557,401	2,200	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,561	7	23,564,001	23,596,801	32,800	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,562	7	23,597,401	23,606,401	9,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,563	7	23,613,601	23,632,801	19,200	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,564	7	23,637,601	23,679,601	42,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,565	7	23,684,601	23,697,001	12,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,566	7	23,705,401	23,719,001	13,600	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,567	7	23,726,801	23,732,201	5,400	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,568	7	23,737,001	23,739,801	2,800	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,569	7	23,746,801	23,750,401	3,600	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,570	7	23,751,801	23,757,001	5,200	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,571	7	23,886,001	23,895,001	9,000	gain	-	-	-	-	-	-	38	7	21,877,030	23,892,316	2,015,286	gain
2,572	7	23,932,601	23,937,001	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,573	7	23,948,401	23,951,401	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,574	7	24,074,401	24,085,001	10,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,575	7	24,092,001	24,093,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,576	7	24,116,001	24,118,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,577	7	24,179,601	24,184,001	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,578	7	24,793,601	24,796,801	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,579	7	24,800,801	24,802,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,580	7	24,818,801	24,822,401	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,581	7	25,094,001	25,096,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,582	7	25,459,001	25,468,601	9,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,583	7	26,331,001	26,333,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,584	7	35,566,601	35,569,801	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,585	7	38,960,801	38,980,801	20,000	gain	64	7	38,968,839	38,982,162	13,324	gain	-	-	-	-	-	-
2,586	7	38,981,401	38,986,201	4,800	gain	64	7	38,968,839	38,982,162	13,324	gain	-	-	-	-	-	-
2,587	7	39,053,801	39,055,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,588	7	39,065,201	39,070,401	5,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,589	7	39,075,201	39,082,601	7,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,590	7	39,096,001	39,101,801	5,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,591	7	39,116,201	39,119,801	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,592	7	39,137,601	39,141,401	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,593	7	39,146,601	39,149,801	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,594	7	39,176,601	39,192,801	16,200	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,595	7	39,198,401	39,278,401	80,000	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,596	7	39,280,801	39,339,201	58,400	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,597	7	39,340,401	39,346,801	6,400	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,598	7	39,350,401	39,355,001	4,600	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,599	7	46,356,601	46,362,201	5,600	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,600	7	46,370,001	46,397,201	27,200	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,601	7	46,403,001	46,545,801	142,800	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,602	7	46,552,401	46,554,601	2,200	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,603	7	46,554,801	46,567,801	13,000	gain	65	7	39,182,758	46,566,513	7,383,756	gain	39	7	39,158,079	46,642,089	7,484,010	gain
2,604	7	46,569,601	46,573,201	3,600	gain	-	-	-	-	-	-	39	7	39,158,079	46,642,089	7,484,010	gain
2,605	7	46,576,001	46,598,201	22,200	gain	-	-	-	-	-	-	39	7	39,158,079	46,642,089	7,484,010	gain
2,606	7	46,599,401	46,603,401	4,000	gain	-	-	-	-	-	-	39	7	39,158,079	46,642,089	7,484,010	gain
2,607	7	46,608,201	46,612,401	4,200	gain	-	-	-	-	-	-	39	7	39,158,079	46,642,089	7,484,010	gain
2,608	7	46,612,601	46,634,401	21,800	gain	-	-	-	-	-	-	39	7	39,158,079	46,642,089	7,484,010	gain
2,609	7	46,642,401	46,651,401	9,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,610	7	46,670,801	46,683,001	12,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,611	7	46,760,201	46,763,801	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,612	7	46,884,201	46,885,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,613	7	48,373,401	48,408,001	34,600	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,614	7	48,416,401	48,420,801	4,400	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,615	7	48,427,001	48,432,401	5,400	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,616	7	48,438,601	48,442,001	3,400	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,617	7	48,460,601	48,464,001	3,400	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,618	7	48,469,001	48,470,601	1,600	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,619	7	48,479,401	48,485,001	5,600	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,620	7	48,487,201	48,491,001	3,800	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,621	7	48,495,001	48,497,601	2,600	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,622	7	48,499,001	48,538,201	39,200	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,623	7	48,548,001	48,551,001	3,000	loss	66	7	48,376,754	48,548,430	171,677	loss	-	-	-	-	-	-
2,624	7	48,559,201	48,562,201	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,625	7	48,791,401	48,793,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,626	7	49,618,401	49,622,801	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,627	7	49,643,001	49,654,601	11,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,628	7	49,689,801	49,695,601	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,629	7	50,356,601	50,370,801	14,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,630	7	50,371,201	50,375,001	3,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,631	7	50,377,001	50,379,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,632	7	50,462,801	50,465,801	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,633	7	50,913,401	50,920,001	6,600	loss	67	7	50,914,593	50,915,973	1,381	loss	-	-	-	-	-	-
2,634	7	51,275,801	51,279,801	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,635	7	51,280,001	51,284,801	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,636	7	51,415,801	51,418,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,637	7	51,670,801	51,672,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,638	7	52,394,201	52,397,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,639	7	56,267,001	56,270,001	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,640	7	56,270,201	56,271,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,641	7	56,459,001	56,462,601	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,642	7	57,626,201	57,628,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,643	7	57,636,801	57,639,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,644	7	57,841,401	57,843,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,645	7	57,868,601	57,873,601	5,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,646	7	59,584,001	59,586,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,647	7	61,257,201	61,266,601	9,400	loss	68	7	61,261,031	61,265,635	4,605	loss	-	-	-	-	-	-
2,648	7	64,176,801	64,181,201	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,649	7	66,661,601	66,664,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,650	7	66,928,801	66,940,601	11,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,651	7	66,949,601	66,951,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,652	7	67,002,201	67,049,601	47,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,653	7	72,863,601	72,865,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,654	7	73,186,401	73,188,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,655	7	73,458,201	73,467,601	9,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,656	7	75,578,401	75,580,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,657	7	75,678,601	75,684,201	5,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,658	7	75,745,001	75,746,401	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,659	7	79,787,401	79,789,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,660	7	82,981,601	82,987,601	6,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,661	7	83,003,801	83,007,401	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,662	7	83,172,601	83,175,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,663	7	83,181,001	83,183,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,664	7	83,359,001	83,362,401	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,665	7	83,580,801	83,583,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,666	7	83,608,801	83,610,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,667	7	83,668,601	83,674,401	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,668	7	83,687,001	83,688,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,669	7	83,903,201	83,905,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,670	7	83,976,801	83,978,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,671	7	84,003,601	84,005,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,672	7	84,070,001	84,072,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,673	7	84,107,601	84,109,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,674	7	84,559,001	84,561,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,675	7	84,809,601	84,811,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,676	7	85,313,401	85,314,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,677	7	85,530,801	85,532,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,678	7	86,227,801	86,229,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	69	7	86,827,857	86,840,695	12,839	gain	-	-	-	-	-	-
2,679	7	108,157,401	108,159,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,680	7	108,806,801	108,808,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,681	7	109,427,601	109,430,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,682	7	109,490,401	109,493,401	3,000	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,683	7	109,617,401	109,625,401	8,000	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,684	7	109,671,401	109,673,801	2,400	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,685	7	109,740,601	109,743,201	2,600	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,686	7	109,755,401	109,761,201	5,800	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,687	7	109,789,801	109,800,801	11,000	loss	70	7	109,794,774	109,817,294	22,521	loss	40	7	109,440,882	110,596,321	1,155,439	loss
2,688	7	109,811,401	109,813,601	2,200	loss	70	7	109,794,774	109,817,294	22,521	loss	40	7	109,440,882	110,596,321	1,155,439	loss
2,689	7	109,837,801	109,839,601	1,800	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
-	-	-	-	-	-	71	7	109,855,744	109,858,484	2,741	loss	40	7	109,440,882	110,596,321	1,155,439	loss
2,690	7	109,867,001	109,872,801	5,800	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,691	7	109,873,001	109,878,201	5,200	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,692	7	109,880,801	109,883,801	3,000	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,693	7	109,931,401	109,936,801	5,400	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,694	7	109,950,201	109,955,601	5,400	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,695	7	109,976,001	109,977,801	1,800	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,696	7	109,990,401	109,993,001	2,600	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,697	7	109,997,601	110,003,401	5,800	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,698	7	110,017,201	110,021,201	4,000	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,699	7	110,098,201	110,101,801	3,600	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,700	7	110,107,801	110,110,201	2,400	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,701	7	110,144,001	110,154,001	10,000	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,702	7	110,163,201	110,169,601	6,400	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,703	7	110,175,601	110,186,601	11,000	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,704	7	110,206,801	110,211,201	4,400	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,705	7	110,211,401	110,217,401	6,000	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,706	7	110,312,601	110,314,001	1,400	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,707	7	110,349,801	110,351,601	1,800	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,708	7	110,374,001	110,376,601	2,600	loss	72	7	110,370,728	110,491,407	120,680	loss	40	7	109,440,882	110,596,321	1,155,439	loss
2,709	7	110,399,801	110,407,801	8,000	loss	72	7	110,370,728	110,491,407	120,680	loss	40	7	109,440,882	110,596,321	1,155,439	loss
2,710	7	110,409,801	110,412,201	2,400	loss	72	7	110,370,728	110,491,407	120,680	loss	40	7	109,440,882	110,596,321	1,155,439	loss
2,711	7	110,441,401	110,445,201	3,800	loss	72	7	110,370,728	110,491,407	120,680	loss	40	7	109,440,882	110,596,321	1,155,439	loss
2,712	7	110,448,801	110,451,201	2,400	loss	72	7	110,370,728	110,491,407	120,680	loss	40	7	109,440,882	110,596,321	1,155,439	loss
2,713	7	110,467,001	110,471,001	4,000	loss	72	7	110,370,728	110,491,407	120,680	loss	40	7	109,440,882	110,596,321	1,155,439	loss
2,714	7	110,520,001	110,525,601	5,600	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,715	7	110,545,601	110,547,201	1,600	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,716	7	110,570,401	110,572,601	2,200	loss	-	-	-	-	-	-	40	7	109,440,882	110,596,321	1,155,439	loss
2,717	7	110,662,601	110,664,801	2,200	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,718	7	110,690,801	110,692,801	2,000	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,719	7	110,813,801	110,816,001	2,200	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,720	7	110,816,201	110,818,001	1,800	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,721	7	110,869,801	110,872,601	2,800	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,722	7	110,883,601	110,885,801	2,200	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,723	7	110,891,201	110,898,201	7,000	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,724	7	110,928,601	110,931,801	3,200	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,725	7	110,949,401	110,952,601	3,200	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,726	7	110,963,801	110,965,401	1,600	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,727	7	110,970,001	110,973,401	3,400	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,728	7	110,980,001	110,982,601	2,600	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,729	7	110,986,401	110,989,001	2,600	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,730	7	110,996,601	111,001,601	5,000	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,731	7	111,004,601	111,010,001	5,400	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,732	7	111,011,001	111,018,801	7,800	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,733	7	111,044,401	111,048,601	4,200	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
2,734	7	111,062,201	111,065,001	2,800	gain	-	-	-	-	-	-	41	7	110,630,868	111,067,634	436,766	gain
-	-	-	-	-	-	73	7	111,067,015	111,067,159	145	loss	41	7	110,630,868	111,067,634	436,766	gain
2,735	7	111,092,001	111,095,001	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,736	7	111,097,801	111,101,001	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,737	7	111,114,801	111,117,801	3,000	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,738	7	111,126,401	111,128,401	2,000	loss	74	7	111,120,174	111,154,197	34,024	loss	42	7	111,108,434	111,569,665	461,231	loss
2,739	7	111,158,001	111,160,601	2,600	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,740	7	111,175,401	111,177,201	1,800	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,741	7	111,181,801	111,185,001	3,200	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,742	7	111,193,401	111,196,601	3,200	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,743	7	111,236,201	111,238,601	2,400	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,744	7	111,239,601	111,241,601	2,000	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,745	7	111,244,601	111,246,201	1,600	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,746	7	111,250,601	111,252,401	1,800	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,747	7	111,263,801	111,265,601	1,800	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,748	7	111,267,601	111,269,801	2,200	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,749	7	111,274,401	111,276,201	1,800	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,750	7	111,301,801	111,310,201	8,400	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,751	7	111,315,801	111,319,401	3,600	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,752	7	111,405,001	111,407,401	2,400	gain	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,753	7	111,408,601	111,412,801	4,200	gain	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
-	-	-	-	-	-	75	7	111,428,102	111,428,284	183	gain	42	7	111,108,434	111,569,665	461,231	loss
2,754	7	111,480,401	111,484,601	4,200	loss	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,755	7	111,485,001	111,487,201	2,200	loss	76	7	111,485,184	111,496,828	11,645	loss	42	7	111,108,434	111,569,665	461,231	loss
2,756	7	111,487,401	111,489,201	1,800	loss	76	7	111,485,184	111,496,828	11,645	loss	42	7	111,108,434	111,569,665	461,231	loss
2,757	7	111,509,801	111,513,401	3,600	gain	-	-	-	-	-	-	42	7	111,108,434	111,569,665	461,231	loss
2,758	7	111,636,801	111,638,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,759	7	111,641,001	111,643,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,760	7	111,643,401	111,651,001	7,600	gain	-	-	-	-	-	-	43	7	111,647,856	111,694,099	46,243	gain
2,761	7	111,652,601	111,655,201	2,600	gain	-	-	-	-	-	-	43	7	111,647,856	111,694,099	46,243	gain
2,762	7	111,657,201	111,660,001	2,800	gain	-	-	-	-	-	-	43	7	111,647,856	111,694,099	46,243	gain
2,763	7	111,660,601	111,664,201	3,600	gain	-	-	-	-	-	-	43	7	111,647,856	111,694,099	46,243	gain
2,764	7	111,669,401	111,686,201	16,800	gain	77	7	111,676,703	111,683,670	6,968	gain	43	7	111,647,856	111,694,099	46,243	gain
2,765	7	111,693,201	111,695,401	2,200	gain	-	-	-	-	-	-	43	7	111,647,856	111,694,099	46,243	gain
2,766	7	111,697,401	111,699,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,767	7	111,704,601	111,706,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,768	7	111,759,401	111,761,001	1,600	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,769	7	111,775,001	111,777,401	2,400	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,770	7	111,780,601	111,783,401	2,800	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,771	7	111,798,601	111,803,001	4,400	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,772	7	111,806,201	111,811,001	4,800	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,773	7	111,827,401	111,830,601	3,200	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,774	7	111,868,001	111,879,001	11,000	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,775	7	111,919,001	111,925,801	6,800	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,776	7	111,981,601	111,983,601	2,000	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,777	7	112,014,401	112,016,601	2,200	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,778	7	112,308,001	112,310,201	2,200	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,779	7	112,345,401	112,347,401	2,000	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,780	7	112,446,001	112,449,201	3,200	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,781	7	112,550,801	112,553,201	2,400	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,782	7	112,657,001	112,659,001	2,000	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,783	7	113,009,201	113,012,401	3,200	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,784	7	113,058,401	113,060,401	2,000	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,785	7	113,093,001	113,094,601	1,600	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,786	7	113,172,801	113,182,601	9,800	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,787	7	113,195,001	113,200,801	5,800	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,788	7	113,227,401	113,233,401	6,000	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,789	7	113,265,401	113,268,801	3,400	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,790	7	113,395,601	113,409,601	14,000	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,791	7	113,412,001	113,433,001	21,000	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,792	7	113,435,601	113,443,401	7,800	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,793	7	113,445,201	113,448,801	3,600	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,794	7	113,452,001	113,455,001	3,000	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,795	7	113,456,801	113,465,401	8,600	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,796	7	113,467,201	113,502,801	35,600	loss	-	-	-	-	-	-	44	7	111,718,611	113,503,675	1,785,064	loss
2,797	7	113,506,201	113,523,201	17,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,798	7	113,758,601	113,766,601	8,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,799	7	113,785,801	113,788,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,800	7	113,796,601	113,802,201	5,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,801	7	113,807,201	113,809,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,802	7	113,812,201	113,813,601	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,803	7	113,965,201	113,966,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,804	7	114,201,801	114,204,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,805	7	114,209,001	114,213,401	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,806	7	114,234,801	114,237,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,807	7	114,250,001	114,263,001	13,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,808	7	114,269,201	114,271,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,809	7	114,302,001	114,306,201	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,810	7	114,600,601	114,602,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,811	7	114,614,401	114,616,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,812	7	114,620,801	114,622,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,813	7	114,983,601	114,986,401	2,800	loss	-	-	-	-	-	-	45	7	114,785,938	117,809,632	3,023,694	loss
-	-	-	-	-	-	78	7	115,004,586	115,010,378	5,793	gain	45	7	114,785,938	117,809,632	3,023,694	loss
2,814	7	115,091,801	115,097,801	6,000	loss	-	-	-	-	-	-	45	7	114,785,938	117,809,632	3,023,694	loss
2,815	7	115,135,401	115,152,001	16,600	loss	-	-	-	-	-	-	45	7	114,785,938	117,809,632	3,023,694	loss
2,816	7	115,170,001	115,172,001	2,000	loss	-	-	-	-	-	-	45	7	114,785,938	117,809,632	3,023,694	loss
2,817	7	115,226,801	115,244,001	17,200	loss	-	-	-	-	-	-	45	7	114,785,938	117,809,632	3,023,694	loss





NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,863	7	121,023,001	121,026,201	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,864	7	121,310,601	121,312,001	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,865	7	121,730,801	121,732,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,866	7	122,362,401	122,364,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,867	7	124,996,601	124,999,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,868	7	125,123,801	125,125,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,869	7	126,254,801	126,256,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,870	7	130,024,401	130,026,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,871	7	130,213,401	130,222,601	9,200	loss	81	7	130,213,756	130,215,357	1,602	loss	-	-	-	-	-	-
2,872	7	132,064,401	132,066,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,873	7	132,302,401	132,305,001	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,874	7	132,349,401	132,351,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,875	7	132,530,001	132,533,401	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,876	7	132,604,201	132,607,601	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,877	7	132,642,001	132,645,401	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,878	7	132,673,201	132,674,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,879	7	132,676,201	132,678,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,880	7	132,728,601	132,732,201	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,881	7	133,195,401	133,198,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,882	7	133,915,801	133,918,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	82	7	134,527,650	134,530,651	3,002	gain	-	-	-	-	-	-
2,883	7	135,065,401	135,067,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,884	7	135,266,801	135,271,201	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,885	7	135,488,601	135,491,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,886	7	138,630,601	138,632,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,887	7	141,002,201	141,005,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,888	7	141,947,001	141,949,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,889	7	142,248,201	142,249,601	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,890	7	142,398,401	142,400,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,891	7	143,430,601	143,432,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,892	7	144,606,201	144,607,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,893	7	144,837,001	144,839,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,894	7	146,708,601	146,710,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,895	8	14,884,001	14,885,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,896	8	19,758,401	19,761,401	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,897	8	19,922,801	19,928,601	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,898	8	27,424,201	27,426,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,899	8	27,436,201	27,438,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,900	8	27,481,401	27,483,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,901	8	27,508,201	27,510,001	1,800	gain	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,902	8	27,528,401	27,530,001	1,600	gain	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,903	8	27,626,601	27,628,601	2,000	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,904	8	27,896,001	27,898,801	2,800	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,905	8	28,125,401	28,130,001	4,600	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,906	8	28,271,001	28,273,001	2,000	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,907	8	28,397,801	28,400,201	2,400	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,908	8	28,405,201	28,407,201	2,000	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,909	8	28,412,401	28,430,801	18,400	loss	83	8	28,413,570	28,459,049	45,480	loss	46	8	27,484,648	28,789,379	1,304,731	loss
2,910	8	28,436,801	28,439,801	3,000	loss	83	8	28,413,570	28,459,049	45,480	loss	46	8	27,484,648	28,789,379	1,304,731	loss
2,911	8	28,446,201	28,451,201	5,000	loss	83	8	28,413,570	28,459,049	45,480	loss	46	8	27,484,648	28,789,379	1,304,731	loss
2,912	8	28,453,001	28,456,801	3,800	loss	83	8	28,413,570	28,459,049	45,480	loss	46	8	27,484,648	28,789,379	1,304,731	loss
2,913	8	28,468,001	28,470,601	2,600	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,914	8	28,470,801	28,476,001	5,200	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,915	8	28,537,201	28,538,801	1,600	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,916	8	28,594,001	28,595,801	1,800	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
-	-	-	-	-	-	84	8	28,616,961	28,633,808	16,848	loss	46	8	27,484,648	28,789,379	1,304,731	loss
2,917	8	28,651,801	28,654,201	2,400	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,918	8	28,670,201	28,672,601	2,400	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,919	8	28,696,601	28,698,001	1,400	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,920	8	28,702,601	28,704,801	2,200	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
-	-	-	-	-	-	85	8	28,742,234	28,743,469	1,236	loss	46	8	27,484,648	28,789,379	1,304,731	loss
2,921	8	28,744,001	28,746,601	2,600	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,922	8	28,755,801	28,761,201	5,400	loss	-	-	-	-	-	-	46	8	27,484,648	28,789,379	1,304,731	loss
2,923	8	28,816,601	28,818,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,924	8	31,602,001	31,604,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,925	8	34,001,801	34,012,001	10,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
2,926	8	34,129,601	34,131,201	1,600	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,927	8	34,299,201	34,304,801	5,600	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,928	8	34,327,601	34,329,401	1,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,929	8	34,332,401	34,334,201	1,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,930	8	34,340,201	34,343,401	3,200	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,931	8	34,407,401	34,409,401	2,000	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,932	8	34,431,201	34,433,801	2,600	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,933	8	34,697,201	34,699,001	1,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,934	8	34,814,001	34,815,601	1,600	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,935	8	34,828,401	34,830,201	1,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,936	8	34,971,801	34,973,801	2,000	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,937	8	35,002,401	35,004,801	2,400	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,938	8	35,051,801	35,053,801	2,000	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,939	8	35,124,601	35,126,801	2,200	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,940	8	35,260,001	35,262,001	2,000	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,941	8	35,298,001	35,299,801	1,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,942	8	35,309,001	35,310,601	1,600	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,943	8	35,459,201	35,462,001	2,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,944	8	35,548,001	35,551,801	3,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,945	8	35,620,601	35,622,601	2,000	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,946	8	35,799,601	35,801,601	2,000	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,947	8	35,853,001	35,855,001	2,000	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,948	8	36,029,401	36,031,201	1,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,949	8	36,050,401	36,056,201	5,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,950	8	36,134,001	36,136,601	2,600	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,951	8	36,151,201	36,153,001	1,800	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
2,952	8	36,340,201	36,346,401	6,200	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,953	8	36,347,601	36,350,001	2,400	gain	-	-	-	-	-	-	47	8	34,023,573	36,367,982	2,344,409	gain
2,954	8	37,389,801	37,391,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,955	8	44,398,601	44,400,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,956	8	52,066,001	52,068,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,957	8	52,085,201	52,086,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,958	8	52,201,601	52,203,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,959	8	52,214,201	52,218,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
2,960	8	52,267,801	52,271,801	4,000	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,961	8	52,431,401	52,433,601	2,200	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,962	8	52,479,001	52,485,201	6,200	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,963	8	52,529,401	52,532,001	2,600	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,964	8	52,737,601	52,739,201	1,600	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,965	8	52,796,001	52,798,201	2,200	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,966	8	52,816,401	52,822,401	6,000	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,967	8	52,837,401	52,839,401	2,000	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,968	8	52,891,001	52,892,801	1,800	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,969	8	52,944,001	52,949,801	5,800	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,970	8	53,007,801	53,009,401	1,600	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,971	8	53,014,601	53,016,801	2,200	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,972	8	53,223,801	53,227,001	3,200	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,973	8	53,239,401	53,242,001	2,600	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,974	8	53,319,201	53,324,201	5,000	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,975	8	53,347,601	53,349,001	1,400	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,976	8	53,350,801	53,356,201	5,400	loss	-	-	-	-	-	-	48	8	52,221,725	53,364,130	1,142,405	loss
2,977	8	53,356,401	53,359,401	3,000	loss	-	-	-	-	-	-	48	8	52,221,725			

[illegible]

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,090	8	119,529,201	119,532,201	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,091	8	119,542,601	119,544,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,092	8	119,574,401	119,576,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,093	8	121,574,801	121,577,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,094	8	124,358,001	124,360,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,095	8	124,362,401	124,364,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,096	8	125,950,201	125,958,001	7,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,097	8	130,149,801	130,151,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,098	8	130,169,201	130,172,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,099	8	130,174,201	130,176,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,100	8	130,180,401	130,183,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,101	8	130,844,801	130,847,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,102	9	3,004,401	3,038,401	34,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,103	9	15,025,401	15,028,401	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,104	9	15,029,801	15,032,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,105	9	16,090,001	16,091,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,106	9	16,391,401	16,393,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,107	9	16,453,201	16,455,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,108	9	16,457,801	16,460,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,109	9	16,876,801	16,878,201	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,110	9	16,886,801	16,888,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,111	9	16,951,401	16,953,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,112	9	16,968,801	16,970,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,113	9	17,182,401	17,189,401	7,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,114	9	17,311,001	17,313,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,115	9	17,336,201	17,338,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,116	9	17,365,401	17,367,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,117	9	17,374,201	17,376,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,118	9	17,410,001	17,414,601	4,600	gain	-	-	-	-	-	-	51	9	17,410,904	17,450,914	40,010	gain
3,119	9	17,416,201	17,420,401	4,200	gain	-	-	-	-	-	-	51	9	17,410,904	17,450,914	40,010	gain
3,120	9	17,432,001	17,														



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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,226	9	101,194,401	101,196,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,227	9	101,197,601	101,202,001	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,228	9	101,235,001	101,237,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,229	9	101,403,201	101,405,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,230	9	101,844,601	101,846,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,231	9	101,992,401	101,994,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,232	9	105,282,401	105,284,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,233	9	105,384,601	105,389,201	4,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,234	9	105,487,401	105,489,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,235	9	105,512,801	105,514,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,236	9	105,717,001	105,719,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,237	9	106,010,201	106,012,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,238	9	106,032,601	106,034,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,239	9	107,956,601	107,958,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,240	9	110,930,601	110,932,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,241	9	111,353,601	111,356,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,242	9	111,813,601	111,815,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,243	9	111,862,001	111,864,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,244	9	112,501,201	112,503,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,245	9	112,507,001	112,509,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,246	9	112,521,401	112,523,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,247	9	112,568,601	112,570,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,248	9	113,699,401	113,700,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	88	9	113,721,718	113,722,368	651	gain	-	-	-	-	-	-
3,249	9	114,101,001	114,104,401	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,250	9	114,138,001	114,144,601	6,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,251	9	114,145,401	114,147,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,252	9	114,324,801	114,326,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	89	9	114,814,744	114,815,708	965	gain	-	-	-	-	-	-
3,253	9	115,272,001	115,275,201	3,200	gain	-	-	-	-	-	-	54	9	115,059,785	115,506,808	447,023	gain
3,254	9	115,967,601	11														

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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,312	10	21,453,001	21,457,001	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,313	10	21,462,401	21,463,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,314	10	21,739,401	21,743,401	4,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,315	10	21,758,201	21,770,001	11,800	gain	-	-	-	-	-	-	55	10	21,752,750	21,879,854	127,104	gain
3,316	10	21,772,601	21,775,801	3,200	gain	-	-	-	-	-	-	55	10	21,752,750	21,879,854	127,104	gain
3,317	10	21,777,201	21,780,001	2,800	gain	-	-	-	-	-	-	55	10	21,752,750	21,879,854	127,104	gain
3,318	10	21,782,801	21,786,801	4,000	gain	-	-	-	-	-	-	55	10	21,752,750	21,879,854	127,104	gain
3,319	10	21,788,001	21,797,401	9,400	gain	-	-	-	-	-	-	55	10	21,752,750	21,879,854	127,104	gain
3,320	10	21,802,201	21,836,401	34,200	gain	-	-	-	-	-	-	55	10	21,752,750	21,879,854	127,104	gain
3,321	10	21,838,201	21,841,001	2,800	gain	-	-	-	-	-	-	55	10	21,752,750	21,879,854	127,104	gain
3,322	10	21,850,801	21,860,001	9,200	gain	95	10	21,842,578	21,901,891	59,314	gain	55	10	21,752,750	21,879,854	127,104	gain
3,323	10	21,866,001	21,868,801	2,800	gain	95	10	21,842,578	21,901,891	59,314	gain	55	10	21,752,750	21,879,854	127,104	gain
3,324	10	21,876,401	21,879,801	3,400	loss	95	10	21,842,578	21,901,891	59,314	gain	55	10	21,752,750	21,879,854	127,104	gain
3,325	10	21,905,201	21,916,001	10,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,326	10	21,922,201	21,927,601	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,327	10	21,928,201	21,932,001	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,328	10	21,934,201	21,951,601	17,400	loss	-	-	-	-	-	-	56	10	21,936,146	22,101,677	165,531	loss
3,329	10	21,954,401	21,961,201	6,800	loss	-	-	-	-	-	-	56	10	21,936,146	22,101,677	165,531	loss
3,330	10	21,984,601	21,987,601	3,000	loss	-	-	-	-	-	-	56	10	21,936,146	22,101,677	165,531	loss
3,331	10	21,995,401	22,033,801	38,400	loss	96	10	22,001,970	22,093,887	91,918	loss	56	10	21,936,146	22,101,677	165,531	loss
3,332	10	22,041,801	22,117,801	76,000	loss	96	10	22,001,970	22,093,887	91,918	loss	56	10	21,936,146	22,101,677	165,531	loss
3,333	10	22,119,001	22,122,401	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,334	10	22,124,001	22,141,401	17,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,335	10	22,143,801	22,151,001	7,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,336	10	22,402,601	22,404,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,337	10	22,406,201	22,411,201	5,000	loss	-	-	-	-								

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,358	10	48,686,801	48,689,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,359	10	48,806,401	48,808,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,360	10	48,994,801	48,996,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,361	10	49,268,201	49,269,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,362	10	49,280,801	49,286,401	5,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,363	10	49,467,001	49,470,201	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,364	10	49,475,401	49,478,001	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,365	10	49,572,001	49,577,801	5,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,366	10	52,247,801	52,249,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,367	10	57,685,801	57,688,801	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,368	10	57,690,201	57,696,801	6,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,369	10	64,082,001	64,088,201	6,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,370	10	64,097,401	64,099,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,371	10	64,262,401	64,264,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,372	10	64,270,001	64,272,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,373	10	64,293,601	64,297,001	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,374	10	64,496,801	64,498,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,375	10	65,100,601	65,102,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,376	10	65,104,001	65,109,201	5,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,377	10	65,125,001	65,127,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,378	10	65,224,001	65,229,001	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,379	10	65,400,401	65,402,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,380	10	65,411,201	65,414,601	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,381	10	65,417,801	65,419,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,382	10	65,435,601	65,438,601	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,383	10	65,458,601	65,461,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,384	10	65,464,001	65,467,001	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,385	10	65,535,001	65,536,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,386	10	67,337,001	67,340,601	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,387	10	67,398,001	67,401,001	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,388	10	67,492,201	67,494,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,389	10	70,474,801	70,477,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,390	10	70,480,001	70,482,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	97	10	70,494,361	70,494,548	188	gain	-	-	-	-	-	-
3,391	10	70,573,001	70,577,401	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,392	10	71,026,801	71,030,001	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,393	10	71,033,801	71,037,201	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,394	10	71,998,201	72,000,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,395	10	72,012,601	72,015,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,396	10	72,171,601	72,178,201	6,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,397	10	72,179,401	72,186,601	7,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,398	10	72,521,401	72,523,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,399	10	72,656,401	72,658,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,400	10	82,400,401	82,405,801	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,401	10	86,140,601	86,146,401	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,402	10	88,169,001	88,171,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-



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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,539	11	24,773,201	24,774,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,540	11	24,814,401	24,816,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,541	11	24,937,801	24,939,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,542	11	25,512,201	25,514,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,543	11	25,932,001	25,934,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,544	11	26,344,201	26,346,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,545	11	26,408,801	26,411,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,546	11	26,562,801	26,564,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,547	11	26,575,601	26,577,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,548	11	26,779,401	26,781,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,549	11	27,584,201	27,586,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,550	11	27,594,601	27,596,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,551	11	27,611,601	27,613,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,552	11	27,661,601	27,665,201	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,553	11	27,746,801	27,820,001	73,200	loss	-	-	-	-	-	-	59	11	27,751,012	27,812,666	61,654	loss
3,554	11	27,855,201	27,857,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,555	11	27,878,601	27,880,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,556	11	27,918,001	27,920,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,557	11	27,966,601	27,970,001	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,558	11	28,605,201	28,607,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,559	11	28,924,401	28,926,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,560	11	28,942,801	28,945,801	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,561	11	28,946,201	28,948,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,562	11	28,980,401	28,983,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,563	11	28,987,201	28,990,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,564	11	29,063,201	29,067,401	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,565	11	29,260,401	29,263,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,566	11	29,490,601	29,493,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,567	11	30,228,001	30,231,401	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,568	11	30,536,201	30,543,401	7,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,569	11	31,059,401	31,071,801	12,400	loss	101	11	31,063,766	31,093,596	29,831	loss	-	-	-	-	-	-
3,570	11	31,077,801	31,109,601	31,800	loss	101	11	31,063,766	31,093,596	29,831	loss	-	-	-	-	-	-
3,571	11	31,649,601	31,651,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,572	11	32,043,401	32,045,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,573	11	35,286,001	35,287,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,574	11	35,444,001	35,446,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,575	11	36,265,601	36,267,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,576	11	37,190,401	37,192,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,577	11	37,294,601	37,299,201	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,578	11	37,486,601	37,488,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,579	11	37,507,601	37,509,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,580	11	37,542,001	37,543,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,581	11	37,909,401	37,919,401	10,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,582	11	38,402,201	38,404,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,583	11	38,545,201	38,548,601	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,584	11	38,562,201	38,564,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-



NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,585	11	38,567,201	38,569,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,586	11	38,595,401	38,598,001	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,587	11	38,692,401	38,694,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,588	11	39,135,601	39,137,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,589	11	39,202,001	39,204,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,590	11	39,694,001	39,696,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,591	11	39,697,801	39,701,001	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,592	11	39,992,001	39,994,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,593	11	45,141,201	45,143,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,594	11	45,582,401	45,584,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,595	11	47,748,401	47,751,001	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,596	11	47,827,401	47,830,201	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,597	11	47,890,601	47,893,801	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,598	11	48,886,601	48,888,001	1,400	gain	102	11	48,872,511	48,886,868	14,358	gain	-	-	-	-	-	-
3,599	11	49,011,401	49,013,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,600	11	49,196,201	49,198,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,601	11	49,204,201	49,207,401	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,602	11	49,258,001	49,260,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,603	11	49,265,201	49,269,801	4,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,604	11	51,682,001	51,686,601	4,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,605	11	51,702,601	51,704,001	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,606	11	51,867,801	51,869,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	103	11	51,897,884	51,901,279	3,396	gain	-	-	-	-	-	-
3,607	11	53,131,001	53,133,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,608	11	54,138,401	54,140,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,609	11	56,921,401	56,922,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,610	11	58,176,601	58,180,601	4,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,611	11	58,502,601	58,505,801	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,612	11	58,507,801	58,511,401	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,613	11	58,653,601	58,656,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,614	11	59,133,601	59,135,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	104	11	59,279,699	59,279,901	203	gain	-	-	-	-	-	-
3,615	11	59,435,201	59,438,001	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,616	11	59,726,601	59,728,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,617	11	59,797,201	59,799,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,618	11	60,388,201	60,392,201	4,000	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,619	11	60,393,601	60,398,001	4,400	loss	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,620	11	60,399,801	60,465,001	65,200	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,621	11	60,470,801	60,480,401	9,600	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,622	11	60,480,601	60,484,401	3,800	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,623	11	60,494,201	60,499,201	5,000	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,624	11	60,914,601	60,916,601	2,000	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,625	11	61,498,401	61,499,801	1,400	loss	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,626	11	61,581,201	61,589,401	8,200	loss	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,627	11	61,675,001	61,677,401	2,400	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,628	11	62,184,801	62,187,401	2,600	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,629	11	62,495,401	62,498,401	3,000	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,630	11	62,556,801	62,560,001	3,200	gain	105	11	62,542,340	62,560,811	18,472	gain	60	11	60,390,131	64,692,398	4,302,267	gain
3,631	11	62,581,401	62,584,401	3,000	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,632	11	62,746,201	62,748,401	2,200	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,633	11	62,984,201	62,986,401	2,200	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,634	11	62,997,401	62,999,801	2,400	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,635	11	63,007,401	63,015,801	8,400	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,636	11	63,076,001	63,079,201	3,200	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,637	11	63,261,001	63,264,401	3,400	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,638	11	63,268,801	63,270,801	2,000	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,639	11	63,573,801	63,575,601	1,800	loss	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,640	11	63,580,801	63,582,801	2,000	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,641	11	64,132,401	64,134,401	2,000	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,642	11	64,191,201	64,192,801	1,600	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,643	11	64,231,001	64,233,201	2,200	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
-	-	-	-	-	-	106	11	64,416,011	64,432,150	16,140	gain	60	11	60,390,131	64,692,398	4,302,267	gain
3,644	11	64,491,401	64,494,001	2,600	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,645	11	64,507,401	64,511,801	4,400	gain	-	-	-	-	-	-	60	11	60,390,131	64,692,398	4,302,267	gain
3,646	11	64,739,801	64,741,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,647	11	65,359,401	65,361,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,648	11	71,693,201	71,695,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,649	11	71,760,001	71,762,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,650	11	72,966,001	72,967,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,651	11	74,180,601	74,198,201	17,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,652	11	74,697,401	74,700,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,653	11	74,704,001	74,705,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,654	11	79,687,601	79,690,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,655	11	80,580,001	80,581,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,656	11	90,830,001	90,832,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,657	11	91,713,801	91,716,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,658	11	91,720,401	91,722,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,659	11	91,740,401	91,743,801	3,400	gain	107	11	91,742,080	91,759,071	16,992	gain	-	-	-	-	-	-
3,660	11	91,756,001	91,759,401	3,400	gain	107	11	91,742,080	91,759,071	16,992	gain	-	-	-	-	-	-
3,661	11	91,791,601	91,793,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,662	11	91,794,401	91,797,401	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,663	11	92,014,601	92,016,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,664	11	92,363,201	92,365,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,665	11	92,463,401	92,465,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,666	11	92,585,401	92,587,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,667	11	92,729,201	92,731,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,668	11	92,761,601	92,763,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,669	11	92,841,601	92,843,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,670	11	93,364,801	93,366,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,671	11	93,668,001	93,672,801	4,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,672	11	94,654,601	94,686,801	32,200	loss	-	-	-	-	-	-	61	11	94,624,371	96,334,537	1,710,166	loss
3,673	11	95,640,801	95,645,801	5,000	loss	-	-	-	-	-	-	61	11	94,624,371	96,334,537	1,710,166	loss

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,720	12	14,918,001	14,919,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,721	12	15,951,201	15,952,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,722	12	16,056,401	16,058,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,723	12	16,073,001	16,075,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,724	12	16,089,001	16,091,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,725	12	16,101,401	16,103,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,726	12	16,210,801	16,212,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,727	12	17,033,801	17,035,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,728	12	17,674,001	17,675,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,729	12	17,754,201	17,756,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,730	12	18,175,601	18,201,801	26,200	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,731	12	18,206,801	18,262,401	55,600	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,732	12	18,264,801	18,281,601	16,800	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,733	12	18,289,201	18,307,801	18,600	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,734	12	18,309,601	18,346,801	37,200	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,735	12	18,351,401	18,444,801	93,400	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,736	12	18,445,201	18,449,601	4,400	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,737	12	18,451,601	18,468,401	16,800	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,738	12	18,469,801	18,475,801	6,000	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,739	12	18,479,001	18,580,801	101,800	loss	110	12	18,193,095	18,552,020	358,926	loss	63	12	18,177,648	19,164,891	987,243	loss
3,740	12	18,581,001	18,625,001	44,000	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,741	12	18,676,001	18,731,801	55,800	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,742	12	18,733,201	18,741,001	7,800	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,743	12	18,750,001	18,752,201	2,200	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,744	12	18,754,801	18,759,601	4,800	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,745	12	18,765,801	18,770,001	4,200	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,746	12	18,775,201	18,787,801	12,600	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,747	12	18,798,601	18,801,601	3,000	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,748	12	18,804,201	18,806,601	2,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,749	12	18,807,201	18,811,601	4,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,750	12	18,815,201	18,825,801	10,600	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,751	12	18,826,601	18,836,001	9,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,752	12	18,837,801	18,842,401	4,600	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,753	12	18,846,201	18,849,001	2,800	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,754	12	18,852,801	18,855,201	2,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,755	12	18,863,601	18,868,001	4,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,756	12	18,870,401	18,872,601	2,200	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,757	12	18,889,201	18,894,001	4,800	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,758	12	18,897,401	18,900,401	3,000	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,759	12	18,901,001	18,904,001	3,000	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,760	12	18,905,801	18,912,401	6,600	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,761	12	18,913,801	18,916,201	2,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,762	12	18,917,001	18,920,201	3,200	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,763	12	18,924,201	18,927,601	3,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,764	12	18,929,201	18,933,601	4,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,765	12	18,936,001	18,938,601	2,600	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,766	12	18,945,801	18,948,601	2,800	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,767	12	18,955,801	18,959,401	3,600	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,768	12	18,976,401	18,979,801	3,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,769	12	18,980,201	18,986,401	6,200	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,770	12	19,001,801	19,011,001	9,200	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,771	12	19,014,601	19,017,001	2,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,772	12	19,021,201	19,029,401	8,200	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,773	12	19,034,401	19,039,801	5,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,774	12	19,042,801	19,046,401	3,600	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,775	12	19,050,601	19,057,601	7,000	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,776	12	19,062,801	19,067,401	4,600	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,777	12	19,069,001	19,072,001	3,000	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,778	12	19,072,801	19,077,201	4,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,779	12	19,086,001	19,099,001	13,000	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,780	12	19,103,201	19,114,401	11,200	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,781	12	19,116,401	19,123,201	6,800	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,782	12	19,123,801	19,125,801	2,000	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,783	12	19,126,401	19,128,801	2,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,784	12	19,131,001	19,134,401	3,400	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,785	12	19,144,401	19,157,601	13,200	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,786	12	19,157,801	19,161,801	4,000	loss	-	-	-	-	-	-	63	12	18,177,648	19,164,891	987,243	loss
3,787	12	19,165,401	19,170,401	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,788	12	19,173,601	19,178,401	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,789	12	20,335,801	20,340,201	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,790	12	20,340,401	20,362,001	21,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,791	12	20,367,401	20,377,801	10,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,792	12	20,378,001	20,380,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,793	12	20,388,601	20,391,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,794	12	20,392,401	20,396,401	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,795	12	20,397,401	20,404,201	6,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,796	12	21,861,401	21,868,601	7,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,797	12	21,871,801	21,878,001	6,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,798	12	21,886,801	21,896,601	9,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,799	12	21,903,601	21,924,001	20,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,800	12	21,926,201	21,930,401	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,801	12	21,941,401	21,945,801	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,802	12	22,011,601	22,013,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,803	12	22,830,201	22,831,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,804	12	22,941,801	22,948,201	6,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,805	12	23,083,001	23,085,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,806	12	24,518,601	24,524,601	6,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,807	12	31,004,401	31,006,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,808	12	32,356,201	32,358,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,809	12	32,848,401	32,851,201	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,810	12	33,209,601	33,211,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,811	12	33,280,201	33,282,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,857	12	63,277,201	63,279,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,858	12	63,284,201	63,285,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,859	12	63,545,801	63,548,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,860	12	63,635,201	63,637,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,861	12	63,639,401	63,642,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,862	12	63,648,801	63,651,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,863	12	63,678,801	63,680,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,864	12	63,747,601	63,749,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,865	12	64,076,001	64,078,001	2,000	loss	112	12	64,045,150	64,099,191	54,042	loss	-	-	-	-	-	-
3,866	12	64,103,201	64,105,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,867	12	64,110,001	64,111,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,868	12	65,244,401	65,247,401	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,869	12	65,257,001	65,259,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,870	12	65,268,001	65,270,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,871	12	65,274,601	65,282,201	7,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,872	12	65,412,201	65,414,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,873	12	65,579,601	65,581,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,874	12	65,655,601	65,661,801	6,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,875	12	65,709,001	65,711,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,876	12	65,788,401	65,790,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,877	12	65,803,801	65,806,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,878	12	65,825,201	65,828,601	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,879	12	65,834,201	65,843,201	9,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,880	12	65,878,401	65,880,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,881	12	65,895,601	65,899,201	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,882	12	66,008,601	66,010,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,883	12	66,365,801	66,368,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	113	12	66,669,557	66,671,717	2,161	loss	-	-	-	-	-	-
3,884	12	66,686,201	66,688,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,885	12	66,823,001	66,825,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,886	12	66,884,201	66,889,001	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,887	12	66,916,201	66,919,201	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,888	12	66,950,401	66,952,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,889	12	67,006,801	67,008,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,890	12	67,037,001	67,039,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,891	12	67,122,201	67,125,601	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,892	12	67,248,601	67,256,401	7,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,893	12	67,299,801	67,305,801	6,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,894	12	67,459,401	67,465,201	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,895	12	67,507,201	67,510,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,896	12	67,514,001	67,516,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,897	12	67,732,601	67,734,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,898	12	68,052,001	68,053,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,899	12	68,529,001	68,531,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,900	12	68,531,401	68,533,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,901	12	68,597,201	68,610,001	12,800	loss	114	12	68,607,278	68,610,369	3,092	loss	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,902	12	69,050,801	69,052,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,903	12	69,507,801	69,509,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,904	12	69,541,401	69,542,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,905	12	69,729,601	69,731,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,906	12	69,880,401	69,883,401	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,907	12	69,916,401	69,918,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,908	12	69,967,801	69,973,001	5,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,909	12	70,018,201	70,020,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,910	12	70,195,201	70,197,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,911	12	70,222,801	70,225,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,912	12	74,740,201	74,743,601	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,913	12	75,063,001	75,064,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,914	12	76,480,001	76,482,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,915	12	80,013,601	80,015,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,916	12	80,505,001	80,506,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,917	12	80,669,601	80,673,201	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,918	12	81,532,401	81,534,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,919	12	83,574,601	83,576,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,920	12	89,175,601	89,179,201	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,921	12	90,308,001	90,310,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,922	12	90,492,001	90,493,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,923	12	90,959,401	90,961,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,924	12	91,152,801	91,154,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,925	12	91,243,801	91,245,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,926	12	92,679,401	92,684,201	4,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,927	12	92,800,001	92,801,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,928	12	93,180,601	93,182,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,929	12	93,409,601	93,412,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,930	12	94,120,001	94,131,801	11,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,931	12	94,496,801	94,499,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,932	12	94,534,401	94,536,601	2,200	loss	-	-	-	-	-							



NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
3,948	12	97,060,001	97,061,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,949	12	97,598,001	97,599,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,950	12	97,644,001	97,647,001	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,951	12	97,748,401	97,750,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,952	12	98,197,801	98,200,801	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,953	12	98,460,601	98,462,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,954	12	98,774,201	98,778,401	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,955	12	98,794,801	98,796,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,956	12	98,832,801	98,834,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,957	12	98,929,001	98,931,801	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,958	12	99,347,801	99,350,601	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,959	12	99,575,401	99,577,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,960	12	99,697,401	99,699,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	115	12	100,077,912	100,080,008	2,097	gain	-	-	-	-	-	-
3,961	12	100,167,601	100,169,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
3,962	12	102,851,001	102,853,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,963	12	103,065,801	103,068,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,964	12	103,649,801	103,651,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	116	12	103,731,977	103,732,056	80	gain	-	-	-	-	-	-
3,965	12	103,785,601	103,787,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,966	12	104,760,401	104,762,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,967	12	105,921,801	105,924,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,968	12	106,180,001	106,183,201	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,969	12	109,815,601	109,817,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	117	12	113,806,302	113,812,930	6,629	loss	-	-	-	-	-	-
3,970	12	113,818,401	113,820,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,971	12	113,903,401	113,907,601	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,972	12	114,411,801	114,414,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
3,973	12	114,432,601	114,435,001	2,400	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,974	12	114,437,801	114,440,601	2,800	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,975	12	114,454,001	114,457,201	3,200	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,976	12	114,462,801	114,466,001	3,200	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,977	12	114,470,401	114,479,201	8,800	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,978	12	114,485,801	114,492,401	6,600	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,979	12	114,524,001	114,529,801	5,800	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,980	12	114,571,401	114,575,601	4,200	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,981	12	114,690,801	114,692,801	2,000	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,982	12	114,830,201	114,832,201	2,000	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,983	12	114,834,201	114,853,801	19,600	loss	118	12	114,835,711	114,849,501	13,791	loss	64	12	114,432,955	117,134,038	2,701,083	loss
3,984	12	114,856,601	114,870,401	13,800	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,985	12	114,873,801	114,876,201	2,400	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,986	12	114,880,001	114,883,401	3,400	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,987	12	114,892,401	114,893,801	1,400	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,988	12	114,901,401	114,911,201	9,800	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,989	12	114,914,401	114,917,601	3,200	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss
3,990	12	114,920,601	114,940,601	20,000	loss	-	-	-	-	-	-	64	12	114,432,955	117,134,038	2,701,083	loss





NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,083	12	117,154,201	117,156,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,084	12	117,172,601	117,175,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,085	12	117,207,001	117,212,001	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,086	12	117,253,201	117,256,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,087	12	117,275,201	117,277,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,088	12	117,282,001	117,283,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,089	12	117,307,801	117,310,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,090	12	117,329,601	117,332,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,091	12	117,486,201	117,491,201	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,092	12	117,619,801	117,623,401	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,093	12	117,784,601	117,786,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,094	12	117,795,001	117,796,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,095	12	117,801,001	117,803,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,096	12	117,836,201	117,838,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,097	12	117,861,601	117,866,201	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,098	12	117,878,201	117,880,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,099	12	117,922,601	117,924,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,100	12	118,091,001	118,093,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,101	12	118,331,601	118,334,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,102	12	118,729,801	118,731,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,103	12	119,022,201	119,025,401	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,104	12	119,052,801	119,055,801	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,105	12	119,074,201	119,077,201	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,106	12	119,122,801	119,124,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,107	12	120,018,201	120,020,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,108	12	120,035,001	120,037,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,109	12	120,188,401	120,192,001	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,110	12	120,210,001	120,212,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,111	12	120,324,801	120,327,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,112	12	120,498,801	120,504,201	5,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,113	13	3,175,601	3,179,401	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,114	13	5,062,801	5,064,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,115	13	5,886,401	5,888,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,116	13	5,927,601	5,929,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,117	13	6,975,801	6,977,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,118	13	7,012,601	7,017,401	4,800	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,119	13	7,034,801	7,037,801	3,000	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,120	13	7,042,201	7,047,201	5,000	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,121	13	7,055,001	7,057,001	2,000	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,122	13	7,166,001	7,167,401	1,400	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,123	13	7,241,201	7,245,401	4,200	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,124	13	7,250,201	7,253,201	3,000	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,125	13	7,258,401	7,261,001	2,600	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,126	13	7,421,801	7,423,601	1,800	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,127	13	7,460,001	7,463,601	3,600	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain
4,128	13	7,511,001	7,513,001	2,000	gain	-	-	-	-	-	-	65	13	6,997,089	10,443,462	3,446,373	gain



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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,218	13	23,055,201	23,057,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,219	13	28,586,801	28,591,601	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,220	13	31,263,801	31,267,201	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,221	13	31,332,001	31,333,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,222	13	31,336,001	31,338,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,223	13	37,130,201	37,133,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,224	13	40,115,201	40,117,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,225	13	45,108,201	45,110,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,226	13	45,167,001	45,168,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,227	13	46,176,201	46,178,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,228	13	46,414,201	46,416,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,229	13	46,419,001	46,422,601	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,230	13	46,439,201	46,441,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,231	13	47,548,201	47,549,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,232	13	47,560,601	47,563,601	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,233	13	47,687,801	47,689,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,234	13	52,688,401	52,690,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,235	13	53,891,601	53,894,401	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,236	13	54,091,001	54,092,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,237	13	54,521,601	54,526,001	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,238	13	56,147,001	56,149,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,239	13	56,289,601	56,292,601	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,240	13	56,363,001	56,365,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,241	13	56,592,801	56,594,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,242	13	56,813,601	56,815,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,243	13	56,820,401	56,822,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,244	13	57,204,801	57,206,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,245	13	57,264,801	57,267,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,246	13	57,293,601	57,295,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,247	13	57,308,201	57,310,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,248	13	57,545,801	57,548,801	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,249	13	57,758,601	57,760,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,250	13	57,855,201	57,857,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,251	13	59,226,001	59,227,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,252	13	59,668,001	59,670,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,253	13	60,133,001	60,135,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,254	13	60,173,601	60,176,601	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,255	13	60,196,801	60,198,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,256	13	60,426,801	60,429,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,257	13	62,577,401	62,579,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,258	13	67,745,601	67,749,201	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,259	13	70,533,801	70,536,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,260	13	70,612,401	70,615,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,261	13	70,664,201	70,666,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,262	13	70,680,001	70,682,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,263	13	72,336,601	72,338,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-

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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,309	13	87,236,001	87,237,801	1,800	loss	-	-	-	-	-	-	66	13	87,234,701	87,365,633	130,932	loss
4,310	13	87,293,201	87,298,801	5,600	loss	-	-	-	-	-	-	66	13	87,234,701	87,365,633	130,932	loss
4,311	13	87,304,601	87,310,601	6,000	loss	-	-	-	-	-	-	66	13	87,234,701	87,365,633	130,932	loss
4,312	13	87,312,001	87,315,801	3,800	loss	-	-	-	-	-	-	66	13	87,234,701	87,365,633	130,932	loss
4,313	13	87,320,401	87,331,001	10,600	loss	-	-	-	-	-	-	66	13	87,234,701	87,365,633	130,932	loss
4,314	13	87,339,401	87,342,801	3,400	loss	-	-	-	-	-	-	66	13	87,234,701	87,365,633	130,932	loss
4,315	13	87,356,201	87,358,601	2,400	loss	-	-	-	-	-	-	66	13	87,234,701	87,365,633	130,932	loss
4,316	13	87,359,401	87,364,801	5,400	loss	-	-	-	-	-	-	66	13	87,234,701	87,365,633	130,932	loss
4,317	13	87,394,401	87,396,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,318	13	87,442,201	87,444,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,319	13	89,132,001	89,136,801	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,320	13	89,550,401	89,551,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,321	13	89,584,601	89,587,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,322	13	89,643,801	89,645,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,323	13	89,973,601	89,977,001	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,324	13	89,987,401	89,989,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,325	13	90,000,801	90,002,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,326	13	90,383,201	90,385,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,327	13	90,424,601	90,427,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,328	13	90,429,601	90,431,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,329	13	90,493,401	90,495,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,330	13	90,551,201	90,558,001	6,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,331	13	90,581,601	90,584,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,332	13	90,589,601	90,593,801	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,333	13	91,007,201	91,009,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,334	13	91,053,401	91,055,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,335	13	91,081,401	91,083,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,336	13	91,091,001	91,092,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,337	13	91,645,401	91,647,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,338	13	91,754,401	91,756,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,339	13	91,948,801	91,951,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,340	13	93,392,601	93,394,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,341	13	96,351,801	96,354,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,342	13	96,363,401	96,366,001	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,343	13	96,647,201	96,648,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,344	13	96,846,601	96,852,801	6,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,345	13	96,916,601	96,921,801	5,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,346	13	96,975,401	96,977,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,347	13	98,057,601	98,059,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,348	13	98,485,801	98,488,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,349	13	98,489,401	98,493,401	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,350	13	99,095,401	99,097,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,351	13	99,098,801	99,101,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,352	13	99,761,001	99,763,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,353	13	100,189,401	100,190,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,354	13	100,663,401	100,665,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-

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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,441	14	16,299,601	16,301,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,442	14	17,372,401	17,374,601	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,443	14	17,563,001	17,565,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,444	14	17,607,201	17,608,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,445	14	17,629,201	17,631,601	2,400	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,446	14	17,635,201	17,637,601	2,400	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,447	14	17,707,801	17,710,401	2,600	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,448	14	17,769,401	17,775,001	5,600	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,449	14	17,805,801	17,807,801	2,000	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,450	14	17,812,001	17,814,001	2,000	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,451	14	17,837,801	17,840,001	2,200	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,452	14	17,844,001	17,845,401	1,400	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,453	14	17,857,601	17,859,001	1,400	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,454	14	17,893,201	17,895,401	2,200	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,455	14	17,898,801	17,901,601	2,800	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,456	14	17,904,401	17,906,201	1,800	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,457	14	17,974,001	17,975,801	1,800	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,458	14	18,029,601	18,034,001	4,400	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,459	14	18,040,201	18,043,201	3,000	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,460	14	18,075,201	18,077,401	2,200	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,461	14	18,093,401	18,096,401	3,000	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,462	14	18,109,601	18,112,401	2,800	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,463	14	18,113,001	18,116,001	3,000	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,464	14	18,119,201	18,123,401	4,200	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,465	14	18,145,601	18,147,601	2,000	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,466	14	18,194,001	18,196,401	2,400	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,467	14	18,210,201	18,215,201	5,000	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,468	14	18,267,801	18,290,001	22,200	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,469	14	18,426,401	18,428,401	2,000	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,470	14	18,429,201	18,431,601	2,400	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,471	14	18,613,401	18,616,001	2,600	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,472	14	18,741,001	18,743,601	2,600	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,473	14	18,754,001	18,757,801	3,800	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,474	14	18,767,601	18,770,401	2,800	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,475	14	18,826,001	18,832,401	6,400	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,476	14	18,884,201	18,889,801	5,600	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,477	14	18,890,001	18,891,801	1,800	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,478	14	18,901,401	18,905,201	3,800	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,479	14	18,941,401	18,943,601	2,200	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,480	14	18,970,401	18,973,601	3,200	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,481	14	18,977,401	18,982,001	4,600	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,482	14	19,010,801	19,012,801	2,000	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,483	14	19,016,601	19,018,401	1,800	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,484	14	19,075,601	19,077,801	2,200	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,485	14	19,085,601	19,092,001	6,400	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss
4,486	14	19,141,201	19,143,801	2,600	loss	-	-	-	-	-	-	68	14	17,623,262	19,590,407	1,967,145	loss

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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,532	14	59,952,401	59,968,801	16,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,533	14	59,970,201	59,973,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,534	14	61,182,401	61,184,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,535	14	61,187,201	61,189,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,536	14	61,233,401	61,236,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,537	14	61,438,601	61,440,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,538	14	61,444,201	61,446,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,539	14	61,493,801	61,495,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,540	14	62,029,201	62,031,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,541	14	62,497,801	62,499,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,542	14	63,619,001	63,622,001	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,543	14	63,622,201	63,625,801	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,544	14	63,691,201	63,694,201	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,545	14	63,700,201	63,702,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,546	14	63,971,201	63,974,401	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,547	14	64,160,601	64,162,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,548	14	64,182,201	64,185,601	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,549	14	64,215,401	64,217,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,550	14	70,697,601	70,703,401	5,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,551	14	71,127,401	71,129,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,552	14	71,505,201	71,507,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,553	14	71,520,401	71,523,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,554	14	71,524,001	71,527,201	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,555	14	71,563,801	71,566,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,556	14	71,635,801	71,637,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,557	14	71,776,801	71,785,801	9,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,558	14	72,062,601	72,064,001	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,559	14	72,287,601	72,289,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,560	14	72,710,201	72,712,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,561	14	72,991,401	72,993,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,562	14	73,147,601	73,149,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	140	14	73,245,931	73,246,173	243	gain	-	-	-	-	-	-
4,563	14	76,189,801	76,198,201	8,400	loss	-	-	-	-	-	-	69	14	76,190,229	76,221,178	30,949	loss
4,564	14	76,200,601	76,222,401	21,800	loss	-	-	-	-	-	-	69	14	76,190,229	76,221,178	30,949	loss
4,565	14	76,649,801	76,652,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,566	14	76,760,001	76,762,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,567	14	76,987,401	76,990,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,568	14	78,801,401	78,805,601	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,569	14	79,047,201	79,048,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,570	14	79,189,201	79,190,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,571	14	79,232,001	79,234,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,572	14	79,255,201	79,257,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,573	14	79,286,801	79,288,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	141	14	79,921,672	79,935,942	14,271	gain	-	-	-	-	-	-
4,574	14	89,662,801	89,665,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,575	14	90,313,401	90,316,401	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,576	14	91,149,001	91,151,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,577	14	91,345,001	91,346,401	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,578	14	91,511,201	91,512,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,579	14	91,809,001	91,811,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,580	14	91,820,401	91,825,601	5,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,581	14	91,905,201	91,906,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,582	14	91,926,201	91,928,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,583	14	92,016,601	92,018,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,584	14	92,094,201	92,097,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,585	14	92,107,001	92,109,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,586	14	92,713,201	92,715,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,587	14	92,721,201	92,723,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,588	14	92,804,801	92,813,001	8,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,589	14	93,078,601	93,080,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,590	14	93,091,801	93,093,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,591	14	93,108,201	93,110,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,592	14	93,294,401	93,304,001	9,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,593	14	93,690,001	93,691,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,594	14	93,761,801	93,764,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,595	14	94,178,401	94,183,201	4,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,596	14	94,256,601	94,258,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,597	14	94,343,001	94,345,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,598	14	94,421,801	94,424,201	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,599	14	94,618,201	94,620,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,600	14	94,806,401	94,807,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,601	14	95,034,001	95,037,201	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,602	14	95,214,001	95,215,401	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,603	14	95,215,601	95,218,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,604	14	95,222,001	95,224,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,605	14	95,266,201	95,267,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,606	14	95,490,201	95,495,401	5,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	142	14	95,503,000	95,503,444	445	gain	-	-	-	-	-	-
4,607	14	95,524,001	95,525,401	1,400	loss	143	14	95,504,926	95,527,421	22,496	loss	-	-	-	-	-	-
4,608	14	95,536,801	95,538,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,609	14	95,552,601	95,555,001	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,610	14	95,621,601	95,623,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,611	14	96,027,401	96,029,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,612	14	96,968,401	96,971,801	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,613	14	96,976,201	96,978,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,614	14	97,041,001	97,043,801	2,800	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,615	14	97,239,001	97,241,001	2,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,616	14	97,247,001	97,251,001	4,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,617	14	97,254,601	97,257,601	3,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,618	14	97,292,801	97,295,401	2,600	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,619	14	97,349,201	97,352,801	3,600	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,620	14	97,379,401	97,381,401	2,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,621	14	97,428,801	97,431,801	3,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,622	14	97,436,201	97,437,801	1,600	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,623	14	97,508,401	97,514,401	6,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,624	14	97,521,001	97,522,801	1,800	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,625	14	97,530,601	97,535,601	5,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,626	14	97,553,601	97,556,201	2,600	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,627	14	97,558,001	97,562,201	4,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,628	14	97,563,601	97,568,001	4,400	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,629	14	97,722,001	97,726,201	4,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,630	14	97,757,801	97,760,201	2,400	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,631	14	97,916,801	97,918,801	2,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,632	14	97,923,601	97,925,601	2,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,633	14	98,113,401	98,115,401	2,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,634	14	98,119,401	98,121,601	2,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,635	14	98,147,801	98,150,201	2,400	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,636	14	98,612,001	98,615,201	3,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,637	14	98,624,201	98,626,001	1,800	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,638	14	98,635,601	98,638,801	3,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,639	14	98,639,801	98,642,201	2,400	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,640	14	98,652,001	98,654,201	2,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,641	14	98,714,201	98,716,201	2,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,642	14	98,760,601	98,764,401	3,800	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,643	14	98,772,601	98,775,001	2,400	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,644	14	98,875,801	98,877,401	1,600	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,645	14	98,884,001	98,885,601	1,600	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,646	14	98,888,001	98,890,801	2,800	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,647	14	98,894,001	98,896,201	2,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,648	14	98,923,001	98,925,201	2,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,649	14	98,966,201	98,967,601	1,400	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,650	14	98,976,401	98,978,601	2,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,651	14	99,076,601	99,079,201	2,600	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,652	14	99,136,601	99,138,401	1,800	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,653	14	99,153,801	99,157,401	3,600	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,654	14	99,223,601	99,225,601	2,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,655	14	99,423,601	99,427,601	4,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,656	14	99,460,801	99,465,401	4,600	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,657	14	99,521,801	99,525,001	3,200	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,658	14	100,102,401	100,104,401	2,000	gain	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,659	14	100,220,201	100,222,601	2,400	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,660	14	100,258,401	100,260,401	2,000	loss	-	-	-	-	-	-	70	14	96,985,655	100,493,684	3,508,029	loss
4,661	14	100,704,601	100,707,801	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,662	14	100,804,401	100,806,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,663	14	100,812,601	100,814,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,664	14	100,961,401	100,964,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,665	14	103,240,801	103,244,801	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,666	14	103,254,201	103,256,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-



[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,713	15	7,489,001	7,492,201	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,714	15	7,495,801	7,499,401	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,715	15	7,949,201	7,951,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,716	15	8,301,001	8,307,801	6,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,717	15	9,148,201	9,149,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,718	15	9,155,001	9,157,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,719	15	9,228,001	9,232,401	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,720	15	9,233,401	9,236,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,721	15	9,237,201	9,242,601	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,722	15	9,831,401	9,832,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,723	15	9,951,201	9,953,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,724	15	14,805,201	14,807,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,725	15	18,911,401	18,913,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,726	15	18,979,801	18,982,401	2,600	loss	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,727	15	19,012,801	19,016,001	3,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,728	15	19,021,201	19,023,601	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,729	15	19,038,801	19,041,401	2,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,730	15	19,071,601	19,073,601	2,000	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,731	15	19,099,401	19,101,801	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,732	15	19,106,801	19,109,401	2,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,733	15	19,158,001	19,161,401	3,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,734	15	19,174,801	19,177,601	2,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,735	15	19,209,601	19,212,401	2,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,736	15	19,251,601	19,258,601	7,000	loss	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,737	15	19,294,001	19,300,801	6,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,738	15	19,305,801	19,309,401	3,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,739	15	19,375,401	19,378,801	3,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,740	15	19,383,401	19,386,401	3,000	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,741	15	19,419,001	19,426,201	7,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,742	15	19,428,601	19,430,201	1,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,743	15	19,448,401	19,450,801	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,744	15	19,455,601	19,461,801	6,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,745	15	19,480,401	19,484,801	4,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,746	15	19,605,201	19,607,401	2,200	loss	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,747	15	19,621,601	19,624,801	3,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,748	15	19,679,401	19,682,401	3,000	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,749	15	19,702,401	19,704,601	2,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,750	15	19,712,001	19,714,401	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,751	15	19,758,801	19,765,401	6,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,752	15	19,880,401	19,884,201	3,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,753	15	19,890,601	19,892,201	1,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,754	15	19,902,001	19,905,001	3,000	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,755	15	19,909,201	19,912,001	2,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,756	15	19,919,001	19,922,801	3,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,757	15	19,925,201	19,927,801	2,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,758	15	19,935,201	19,939,401	4,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,759	15	19,966,401	19,974,401	8,000	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,760	15	19,974,801	19,978,001	3,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,761	15	19,983,801	19,986,201	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,762	15	19,987,801	19,990,401	2,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,763	15	19,997,401	19,999,801	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,764	15	20,011,401	20,013,001	1,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,765	15	20,048,801	20,052,401	3,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,766	15	20,079,401	20,082,601	3,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,767	15	20,089,201	20,090,801	1,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,768	15	20,091,601	20,094,801	3,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,769	15	20,104,001	20,110,801	6,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,770	15	20,164,401	20,166,201	1,800	loss	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,771	15	20,291,601	20,294,401	2,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,772	15	20,298,801	20,304,601	5,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,773	15	20,411,201	20,413,601	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,774	15	20,416,401	20,418,801	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,775	15	20,454,401	20,459,801	5,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,776	15	20,485,001	20,488,201	3,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,777	15	20,519,001	20,521,401	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,778	15	20,614,001	20,616,401	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,779	15	20,619,401	20,621,801	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,780	15	20,626,801	20,628,601	1,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,781	15	20,630,201	20,632,801	2,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,782	15	20,749,801	20,751,601	1,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,783	15	20,757,401	20,759,001	1,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,784	15	20,958,201	20,960,401	2,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,785	15	20,962,401	20,964,601	2,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,786	15	20,974,401	20,976,401	2,000	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,787	15	21,156,401	21,159,801	3,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
-	-	-	-	-	-	144	15	21,160,286	21,161,985	1,700	gain	72	15	18,924,074	22,532,103	3,608,029	gain
4,788	15	21,264,201	21,266,001	1,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,789	15	21,308,801	21,312,001	3,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,790	15	21,371,201	21,374,001	2,800	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,791	15	21,398,201	21,402,201	4,000	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,792	15	21,454,401	21,457,001	2,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,793	15	21,543,401	21,546,001	2,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
-	-	-	-	-	-	145	15	21,656,080	21,669,587	13,508	gain	72	15	18,924,074	22,532,103	3,608,029	gain
4,794	15	21,742,401	21,745,401	3,000	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,795	15	21,750,201	21,751,801	1,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,796	15	21,760,401	21,765,001	4,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,797	15	21,814,201	21,816,601	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,798	15	21,869,401	21,871,801	2,400	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,799	15	21,904,601	21,907,201	2,600	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,800	15	21,961,801	21,964,001	2,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,801	15	22,002,601	22,004,801	2,200	gain	-	-	-	-	-	-	72	15	18,924,074	22,532,103	3,608,029	gain
4,802	15	22,185,601	22,190,601	5,000	gain	146	15	22,167,633	22,244,083	76,451	gain	72	15	18,924,074	22,532,103	3,608,029	gain

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,848	15	33,880,601	33,888,001	7,400	loss	149	15	33,880,402	33,899,505	19,104	loss	-	-	-	-	-	-
4,849	15	33,890,401	33,895,401	5,000	loss	149	15	33,880,402	33,899,505	19,104	loss	-	-	-	-	-	-
4,850	15	33,901,401	33,904,801	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,851	15	33,906,001	33,912,001	6,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,852	15	33,952,001	33,954,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,853	15	34,155,001	34,160,401	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,854	15	34,187,801	34,190,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,855	15	34,248,201	34,250,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,856	15	34,473,601	34,475,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,857	15	34,617,801	34,619,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,858	15	34,691,401	34,693,601	2,200	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,859	15	34,698,601	34,700,001	1,400	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,860	15	34,703,601	34,705,601	2,000	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,861	15	34,873,001	34,875,201	2,200	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,862	15	34,922,601	34,924,201	1,600	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,863	15	34,932,001	34,933,601	1,600	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,864	15	35,046,001	35,048,401	2,400	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,865	15	35,053,201	35,055,201	2,000	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,866	15	35,088,601	35,092,801	4,200	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,867	15	35,101,201	35,104,001	2,800	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,868	15	35,142,001	35,144,201	2,200	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,869	15	35,259,601	35,263,201	3,600	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,870	15	35,273,801	35,278,601	4,800	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,871	15	35,283,401	35,286,401	3,000	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,872	15	35,310,401	35,313,401	3,000	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	loss
4,873	15	35,315,801	35,319,401	3,600	loss	-	-	-	-	-	-	73	15	34,677,417	36,278,636	1,601,219	

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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,938	15	61,065,401	61,067,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,939	15	61,160,201	61,162,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,940	15	62,071,801	62,073,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,941	15	74,916,001	74,917,401	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,942	15	75,933,001	75,936,001	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,943	15	76,800,601	76,802,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,944	15	77,242,601	77,245,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,945	15	77,260,601	77,262,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,946	15	77,264,601	77,269,601	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,947	15	77,289,401	77,291,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,948	15	77,292,201	77,295,401	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,949	15	77,504,801	77,509,001	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,950	15	77,512,801	77,515,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,951	15	77,521,601	77,523,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,952	15	77,532,401	77,535,401	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,953	15	77,538,601	77,540,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,954	15	77,541,601	77,544,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,955	15	77,578,201	77,581,201	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,956	15	77,636,001	77,638,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,957	15	81,148,401	81,150,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,958	15	81,322,201	81,329,001	6,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,959	15	83,026,001	83,031,201	5,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,960	15	83,868,801	83,871,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,961	15	86,471,601	86,474,601	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,962	15	87,832,401	87,835,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,963	15	87,931,201	87,933,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,964	15	89,081,801	89,083,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,965	15	89,162,001	89,163,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,966	15	89,513,401	89,515,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,967	15	89,699,001	89,701,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,968	15	89,774,601	89,777,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,969	15	91,306,401	91,309,801	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	152	15	91,561,909	91,562,071	163	loss	-	-	-	-	-	-
4,970	15	91,897,001	91,899,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,971	15	91,915,001	91,916,401	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,972	15	91,931,001	91,933,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,973	15	91,938,401	91,940,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,974	15	92,300,401	92,302,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,975	15	92,303,601	92,306,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,976	15	92,443,801	92,449,601	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,977	15	93,669,601	93,671,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,978	15	94,000,001	94,001,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,979	15	94,515,001	94,517,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,980	15	94,551,601	94,555,801	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,981	15	94,567,001	94,569,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,982	15	94,665,001	94,667,401	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
4,983	15	94,707,401	94,708,801	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,984	15	95,558,201	95,560,201	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,985	15	95,581,001	95,583,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,986	15	95,699,401	95,702,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,987	15	95,702,601	95,705,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,988	15	98,019,201	98,021,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,989	15	98,023,001	98,026,601	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,990	15	98,031,001	98,032,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,991	15	98,033,001	98,037,201	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,992	15	103,436,401	103,438,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,993	15	103,473,401	103,479,801	6,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,994	16	3,103,001	3,105,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,995	16	3,232,601	3,239,801	7,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,996	16	3,767,001	3,769,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
4,997	16	4,827,201	4,828,601	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,998	16	5,259,401	5,261,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
4,999	16	5,630,601	5,633,001	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,000	16	6,075,601	6,077,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,001	16	6,745,601	6,747,001	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,002	16	6,792,201	6,794,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,003	16	10,081,401	10,083,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,004	16	19,588,401	19,590,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,005	16	19,597,201	19,600,001	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,006	16	28,613,801	28,615,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,007	16	28,866,601	28,869,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,008	16	35,475,401	35,481,001	5,600	gain	-	-	-	-	-	-	74	16	35,475,245	35,558,381	83,136	gain
5,009	16	35,482,601	35,486,401	3,800	gain	-	-	-	-	-	-	74	16	35,475,245	35,558,381	83,136	gain
5,010	16	35,491,601	35,494,801	3,200	gain	-	-	-	-	-	-	74	16	35,475,245	35,558,381	83,136	gain
5,011	16	35,504,601	35,508,201	3,600	gain	-	-	-	-	-	-	74	16	35,475,245	35,558,381	83,136	gain
5,012	16	35,509,001	35,510,401	1,400	gain	-	-	-	-	-	-	74	16	35,475,245	35,558,381	83,136	gain
5,013	16	35,514,201	35,535,201	21,000	gain	-	-	-	-	-	-	74	16	35,475,245	35,558,381	83,136	gain
5,014	16	35,544,401	35,548,801	4,400	gain	-	-	-	-	-	-	74	16	35,475,245	35,558,381	83,136	gain
5,015	16	35,550,201	35,556,001	5,800	gain	-	-	-	-	-	-	74	16	35,475,245	35,558,381	83,136	gain
5,016	16	37,668,201	37,670,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,017	16	37,844,001	37,847,601	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,018	16	38,020,601	38,023,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	153	16	38,482,477	38,482,801	325	gain	-	-	-	-	-	-
5,019	16	39,882,601	39,884,001	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,020	16	40,665,601	40,667,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,021	16	40,702,801	40,705,201	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,022	16	41,222,801	41,224,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,023	16	42,375,601	42,377,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,024	16	42,798,401	42,800,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,025	16	43,793,601	43,795,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,026	16	48,788,601	48,790,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,027	16	48,855,401	48,857,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-



NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
5,028	16	48,861,001	48,863,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,029	16	49,955,001	49,957,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,030	16	50,084,401	50,086,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,031	16	50,088,001	50,090,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,032	16	50,098,001	50,102,001	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,033	16	50,288,601	50,293,001	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,034	16	50,322,601	50,324,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,035	16	50,333,801	50,337,801	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,036	16	51,974,601	51,976,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,037	16	52,465,201	52,466,601	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,038	16	53,017,801	53,019,201	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,039	16	53,026,601	53,028,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,040	16	53,529,801	53,532,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,041	16	53,575,601	53,577,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,042	16	53,592,601	53,596,601	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,043	16	53,602,401	53,604,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,044	16	53,644,401	53,648,401	4,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,045	16	53,653,201	53,655,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,046	16	53,824,401	53,826,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,047	16	53,831,601	53,833,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,048	16	53,835,601	53,837,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,049	16	53,903,601	53,907,401	3,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,050	16	53,915,201	53,917,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,051	16	54,201,201	54,204,601	3,400	loss	-	-	-	-	-	-	75	16	54,202,375	54,620,529	418,154	loss
5,052	16	54,209,801	54,212,201	2,400	loss	-	-	-	-	-	-	75	16	54,202,375	54,620,529	418,154	loss
5,053	16	54,222,601	54,226,801	4,200	loss	-	-	-	-	-	-	75	16	54,202,375	54,620,529	418,154	loss
5,054	16	54,248,201	54,249,801	1,600	loss	-	-	-	-	-	-	75	16	54,202,375	54,620,529	418,154	loss
5,055	16	54,253,401	54,258,001	4,600	loss	-	-	-	-	-	-	75	16	54,202,375	54,620,529	418,154	loss
5,056	16	54,356,201	54,358,601	2,400	loss	-	-	-	-	-	-	75	16	54,202,375	54,620,529	418,154	loss
5,057	16	54,402,801	54,405,201	2,400	loss	154	16	54,402,298	54,508,873	106,576	loss	75	16	54,202,375	54,620,529	418,154	loss
5,058	16	54,422,801	54,425,401	2,600	loss	154	16	54,402,298	54,508,873	106,576	loss	75	16	54,202,375	54,620,529	418,154	loss
5,059	16	54,431,401	54,434,601	3,200	loss	154	16	54,402,298	54,508,873	106,576	loss	75	16	54,202,375	54,620,529	418,154	loss
5,060	16	54,446,201	54,451,601	5,400	loss	154	16	54,402,298	54,508,873	106,576	loss	75	16	54,202,375	54,620,529	418,154	loss
5,061	16	54,457,001	54,459,801	2,800	loss	154	16	54,402,298	54,508,873	106,576	loss	75	16	54,202,375	54,620,529	418,154	loss
5,062	16	54,464,601	54,467,001	2,400	loss	154	16	54,402,298	54,508,873	106,576	loss	75	16	54,202,375	54,620,529	418,154	loss
5,063	16	54,500,401	54,504,601	4,200	loss	154	16	54,402,298	54,508,873	106,576	loss	75	16	54,202,375	54,620,529	418,154	loss
5,064	16	54,506,001	54,509,001	3,000	loss	154	16	54,402,298	54,508,873	106,576	loss	75	16	54,202,375	54,620,529	418,154	loss
5,065	16	54,522,601	54,526,001	3,400	loss	-	-	-	-	-	-	75	16	54,202,375	54,620,529	418,154	loss
5,066	16	54,582,401	54,587,401	5,000	loss	-	-	-	-	-	-	75	16	54,202,375	54,620,529	418,154	loss
5,067	16	54,604,401	54,606,801	2,400	loss	-	-	-	-	-	-	75	16	54,202,375	54,620,529	418,154	loss
5,068	16	54,663,601	54,670,401	6,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,069	16	55,956,601	55,962,001	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	155	16	56,226,901	56,232,819	5,919	gain	-	-	-	-	-	-
5,070	16	56,366,801	56,368,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,071	16	56,497,201	56,500,601	3,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,072	16	56,611,801	56,613,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
5,073	16	56,919,601	56,921,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,074	16	64,966,801	64,969,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,075	16	66,139,201	66,143,401	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,076	16	66,241,601	66,244,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,077	16	66,309,801	66,313,001	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,078	16	66,327,801	66,333,201	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,079	16	66,754,401	66,756,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,080	16	66,941,401	66,943,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,081	16	67,307,001	67,310,201	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,082	16	67,334,001	67,335,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,083	16	67,390,201	67,392,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,084	16	75,850,401	75,852,201	1,800	gain	-	-	-	-	-	-	76	16	75,766,687	75,961,458	194,771	gain
5,085	16	76,060,001	76,063,401	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,086	16	76,134,601	76,137,801	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,087	16	76,140,601	76,145,001	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,088	16	76,171,601	76,174,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,089	16	76,518,601	76,520,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,090	16	76,680,001	76,682,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,091	16	76,914,401	76,916,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,092	16	76,918,201	76,923,201	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,093	16	77,026,601	77,029,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,094	16	77,120,401	77,122,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,095	16	77,192,601	77,194,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,096	16	77,917,401	77,919,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,097	16	77,995,201	77,997,801	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,098	16	78,003,201	78,007,601	4,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,099	16	78,357,001	78,358,401	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,100	16	78,444,201	78,445,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,101	16	79,194,001	79,195,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,102	16	79,278,401	79,283,601	5,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,103	16	79,376,001	79,377,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,104	16	79,497,801	79,508,601	10,800	gain	-	-	-	-	-	-	77	16	79,494,653	79,504,600	9,947	gain
5,105	16	79,561,201	79,563,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,106	16	79,994,601	79,997,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,107	16	80,019,201	80,021,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,108	16	80,094,401	80,096,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,109	16	80,153,401	80,155,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,110	16	80,178,401	80,182,001	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,111	16	80,286,801	80,288,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,112	16	80,318,801	80,321,801	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,113	16	80,358,201	80,360,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,114	16	80,526,001	80,530,601	4,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,115	16	80,536,201	80,540,001	3,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,116	16	80,547,201	80,553,001	5,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,117	16	80,677,201	80,679,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,118	16	80,718,001	80,720,601	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-

[illegible]

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
5,165	17	12,828,801	12,830,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,166	17	13,217,201	13,231,201	14,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,167	17	13,231,601	13,263,401	31,800	loss	157	17	13,259,210	13,273,029	13,820	loss	79	17	13,248,223	13,657,662	409,439	loss
5,168	17	13,267,401	13,277,401	10,000	loss	157	17	13,259,210	13,273,029	13,820	loss	79	17	13,248,223	13,657,662	409,439	loss
5,169	17	13,282,401	13,294,401	12,000	loss	-	-	-	-	-	-	79	17	13,248,223	13,657,662	409,439	loss
5,170	17	13,304,201	13,321,001	16,800	loss	-	-	-	-	-	-	79	17	13,248,223	13,657,662	409,439	loss
5,171	17	13,324,401	13,327,801	3,400	loss	-	-	-	-	-	-	79	17	13,248,223	13,657,662	409,439	loss
5,172	17	13,329,601	13,331,601	2,000	loss	-	-	-	-	-	-	79	17	13,248,223	13,657,662	409,439	loss
5,173	17	13,331,801	13,338,401	6,600	loss	-	-	-	-	-	-	79	17	13,248,223	13,657,662	409,439	loss
5,174	17	13,340,601	13,347,601	7,000	loss	-	-	-	-	-	-	79	17	13,248,223	13,657,662	409,439	loss
5,175	17	13,351,401	13,356,801	5,400	loss	-	-	-	-	-	-	79	17	13,248,223	13,657,662	409,439	loss
5,176	17	13,360,001	13,436,001	76,000	loss	158	17	13,398,713	13,649,185	250,473	loss	79	17	13,248,223	13,657,662	409,439	loss
5,177	17	13,441,401	13,448,001	6,600	loss	158	17	13,398,713	13,649,185	250,473	loss	79	17	13,248,223	13,657,662	409,439	loss
5,178	17	13,498,801	13,603,201	104,400	loss	158	17	13,398,713	13,649,185	250,473	loss	79	17	13,248,223	13,657,662	409,439	loss
5,179	17	13,604,801	13,608,001	3,200	loss	158	17	13,398,713	13,649,185	250,473	loss	79	17	13,248,223	13,657,662	409,439	loss
5,180	17	13,610,001	13,620,601	10,600	loss	158	17	13,398,713	13,649,185	250,473	loss	79	17	13,248,223	13,657,662	409,439	loss
5,181	17	13,623,601	13,628,201	4,600	loss	158	17	13,398,713	13,649,185	250,473	loss	79	17	13,248,223	13,657,662	409,439	loss
5,182	17	13,630,001	13,658,401	28,400	loss	158	17	13,398,713	13,649,185	250,473	loss	79	17	13,248,223	13,657,662	409,439	loss
5,183	17	13,672,801	13,678,601	5,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,184	17	13,686,401	13,689,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,185	17	13,690,001	13,697,001	7,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,186	17	13,699,601	13,703,801	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,187	17	13,723,201	13,725,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,188	17	13,727,401	13,733,801	6,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,189	17	13,734,001	13,748,401	14,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,190	17	14,175,001	14,176,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,191	17	14,209,201	14,211,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,192	17	14,213,401	14,215,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,193	17	14,477,001	14,479,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,194	17	14,716,601	14,718,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,195	17	14,722,801	14,724,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,196	17	14,865,601	14,868,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,197	17	16,530,601	16,532,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,198	17	16,546,801	16,548,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,199	17	16,573,001	16,578,001	5,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,200	17	17,130,801	17,134,601	3,800	gain	-	-	-	-	-	-	80	17	17,130,988	17,318,700	187,712	gain
5,201	17	17,139,801	17,147,201	7,400	gain	-	-	-	-	-	-	80	17	17,130,988	17,318,700	187,712	gain
5,202	17	17,153,601	17,164,801	11,200	gain	-	-	-	-	-	-	80	17	17,130,988	17,318,700	187,712	gain
5,203	17	17,166,201	17,183,201	17,000	gain	-	-	-	-	-	-	80	17	17,130,988	17,318,700	187,712	gain
5,204	17	17,186,601	17,192,401	5,800	gain	-	-	-	-	-	-	80	17	17,130,988	17,318,700	187,712	gain
5,205	17	17,195,201	17,251,201	56,000	gain	-	-	-	-	-	-	80	17	17,130,988	17,318,700	187,712	gain
5,206	17	17,256,601	17,309,201	52,600	gain	-	-	-	-	-	-	80	17	17,130,988	17,318,700	187,712	gain
5,207	17	17,314,001	17,316,401	2,400	gain	-	-	-	-	-	-	80	17	17,130,988	17,318,700	187,712	gain
5,208	17	17,340,001	17,344,401	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,209	17	17,346,201	17,351,401	5,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,210	17	17,359,801	17,364,001	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
5,211	17	17,370,801	17,374,801	4,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,212	17	17,614,801	17,616,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,213	17	17,697,001	17,698,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,214	17	18,112,201	18,114,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,215	17	18,716,401	18,723,801	7,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,216	17	18,874,001	18,876,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,217	17	18,977,801	18,981,401	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,218	17	18,989,201	18,991,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,219	17	19,033,601	19,037,201	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,220	17	19,038,601	19,041,001	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,221	17	19,130,401	19,133,201	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,222	17	19,133,401	19,135,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,223	17	19,158,201	19,160,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,224	17	19,240,401	19,242,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,225	17	19,726,801	19,730,201	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,226	17	19,731,001	19,740,001	9,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,227	17	19,826,601	19,828,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,228	17	20,048,401	20,050,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,229	17	20,385,801	20,388,401	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,230	17	20,391,601	20,393,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,231	17	20,746,601	20,748,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,232	17	20,775,401	20,776,801	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,233	17	21,390,801	21,396,201	5,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,234	17	21,396,601	21,419,801	23,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,235	17	21,458,001	21,460,201	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,236	17	21,679,801	21,681,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,237	17	21,745,201	21,747,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,238	17	21,951,801	21,953,201	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,239	17	22,185,401	22,188,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,240	17	22,191,801	22,196,601	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,241	17	22,311,801	22,313,801	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,242	17	22,351,601	22,359,401	7,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,243	17	22,375,601	22,377,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,244	17	22,389,601	22,395,001	5,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,245	17	22,624,001	22,626,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,246	17	22,630,201	22,632,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,247	17	22,671,201	22,679,601	8,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,248	17	22,681,601	22,687,801	6,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,249	17	22,695,801	22,700,801	5,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,250	17	22,710,001	22,723,001	13,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,251	17	22,727,201	22,729,001	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,252	17	22,731,601	22,734,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,253	17	22,737,401	22,749,001	11,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,254	17	22,751,201	22,755,001	3,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,255	17	22,762,601	22,767,201	4,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,256	17	22,771,601	22,773,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-

NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
5,257	17	22,839,601	22,841,601	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,258	17	23,060,001	23,065,601	5,600	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,259	17	23,067,001	23,069,401	2,400	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,260	17	23,074,601	23,078,801	4,200	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,261	17	23,079,601	23,082,801	3,200	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,262	17	23,128,001	23,130,001	2,000	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,263	17	23,130,201	23,133,001	2,800	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,264	17	23,136,801	23,144,401	7,600	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,265	17	23,145,001	23,152,001	7,000	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,266	17	23,156,201	23,165,401	9,200	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,267	17	23,169,601	23,193,801	24,200	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,268	17	23,204,801	23,210,401	5,600	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,269	17	23,219,201	23,236,401	17,200	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,270	17	23,246,801	23,257,201	10,400	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,271	17	23,258,601	23,265,001	6,400	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,272	17	23,279,201	23,283,801	4,600	loss	-	-	-	-	-	-	81	17	23,061,697	23,335,002	273,305	loss
5,273	17	23,359,801	23,365,401	5,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,274	17	23,381,201	23,383,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,275	17	23,396,401	23,399,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,276	17	23,441,201	23,442,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,277	17	23,631,601	23,633,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,278	17	23,638,401	23,640,001	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,279	17	24,473,201	24,475,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,280	17	27,507,001	27,508,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,281	17	27,717,001	27,719,801	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,282	17	27,725,801	27,729,401	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,283	17	30,181,601	30,183,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,284	17	30,343,601	30,345,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,285	17	30,585,001	30,638,801	53,800	loss	159	17	30,593,663	31,058,945	465,283	loss	82	17	30,586,907	31,057,733	470,826	loss
5,286	17	30,639,401	31,060,801	421,400	loss	159	17	30,593,663	31,058,945	465,283	loss	82	17	30,586,907	31,057,733	470,826	loss
5,287	17	31,765,001	31,766,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,288	17	31,935,601	31,940,001	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,289	17	32,697,001	32,705,801	8,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,290	17	32,707,001	32,719,001	12,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,291	17	32,731,201	32,735,401	4,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,292	17	32,778,401	32,786,601	8,200	loss	160	17	32,778,651	32,785,160	6,510	loss	-	-	-	-	-	-
5,293	17	32,845,201	32,848,201	3,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,294	17	32,880,001	32,882,601	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,295	17	33,035,601	33,037,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,296	17	36,135,001	36,137,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,297	17	36,139,601	36,141,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	161	17	36,151,872	36,151,991	120	gain	-	-	-	-	-	-
5,298	17	36,157,601	36,160,201	2,600	gain	-	-	-	-	-	-	83	17	36,157,330	36,910,353	753,023	gain
5,299	17	36,171,801	36,180,201	8,400	gain	162	17	36,167,127	36,183,978	16,852	gain	83	17	36,157,330	36,910,353	753,023	gain
5,300	17	36,180,401	36,186,201	5,800	gain	162	17	36,167,127	36,183,978	16,852	gain	83	17	36,157,330	36,910,353	753,023	gain
5,301	17	36,193,001	36,195,401	2,400	gain	-	-	-	-	-	-	83	17	36,157,330	36,910,353	753,023	gain

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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
5,391	17	54,967,401	54,971,201	3,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,392	17	55,334,201	55,336,801	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,393	17	55,346,401	55,352,001	5,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,394	17	55,378,201	55,380,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,395	17	55,387,801	55,390,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,396	17	55,398,401	55,401,601	3,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,397	17	55,548,601	55,550,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,398	17	55,829,201	55,830,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,399	17	58,449,001	58,450,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,400	17	58,730,401	58,735,401	5,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,401	17	58,837,801	58,839,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,402	17	58,862,601	58,868,601	6,000	gain	167	17	58,867,873	58,867,985	113	gain	-	-	-	-	-	-
5,403	17	58,878,401	58,881,001	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,404	17	58,881,601	58,886,801	5,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,405	17	58,916,401	58,918,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,406	17	58,943,201	58,946,801	3,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,407	17	58,959,401	58,961,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,408	17	59,016,201	59,019,001	2,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,409	17	59,257,801	59,260,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,410	17	59,267,401	59,270,401	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,411	17	59,273,601	59,278,001	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,412	17	59,317,401	59,323,001	5,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,413	17	59,331,001	59,333,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,414	17	60,408,201	60,409,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,415	17	60,414,601	60,417,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	168	17	60,426,181	60,434,309	8,129	gain	-	-	-	-	-	-
5,416	17	60,475,601	60,478,001	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,417	17	60,980,801	60,989,601	8,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,418	17	61,491,801	61,493,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,419	17	61,639,201	61,645,001	5,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,420	17	62,021,801	62,023,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,421	17	70,707,001	70,708,801	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,422	17	70,764,401	70,767,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,423	17	72,056,001	72,059,601	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,424	17	72,923,801	72,926,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,425	17	72,926,201	72,929,401	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,426	17	72,963,801	72,966,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,427	17	72,984,201	72,986,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,428	17	73,063,401	73,065,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,429	17	73,379,001	73,382,201	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,430	17	74,104,001	74,105,601	1,600	gain	-	-	-	-	-	-	84	17	74,084,271	76,075,230	1,990,959	gain
5,431	17	74,125,801	74,128,201	2,400	gain	-	-	-	-	-	-	84	17	74,084,271	76,075,230	1,990,959	gain
5,432	17	74,273,401	74,275,601	2,200	gain	-	-	-	-	-	-	84	17	74,084,271	76,075,230	1,990,959	gain
5,433	17	74,492,001	74,494,401	2,400	gain	-	-	-	-	-	-	84	17	74,084,271	76,075,230	1,990,959	gain
-	-	-	-	-	-	169	17	74,806,593	74,808,253	1,661	gain	84	17	74,084,271	76,075,230	1,990,959	gain
5,434	17	74,875,801	74,880,201	4,400	gain	-	-	-	-	-	-	84	17	74,084,271	76,075,230	1,990,959	gain



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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
5,572	18	31,891,001	31,894,801	3,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	171	18	32,594,657	32,600,787	6,131	gain	-	-	-	-	-	-
5,573	18	32,785,001	32,786,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,574	18	32,937,801	32,946,001	8,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,575	18	32,950,601	32,952,401	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,576	18	33,203,201	33,205,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,577	18	33,327,201	33,329,001	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,578	18	37,143,801	37,146,601	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,579	18	41,284,801	41,289,001	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,580	18	50,667,401	50,669,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,581	18	51,627,601	51,629,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,582	18	51,641,601	51,643,201	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,583	18	53,662,601	53,665,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,584	18	54,950,001	54,952,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,585	18	55,380,201	55,381,801	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,586	18	55,589,001	55,591,401	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,587	18	55,594,801	55,596,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,588	18	55,846,401	55,848,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,589	18	55,868,001	55,870,001	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,590	18	55,933,401	55,935,201	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,591	18	55,956,601	55,958,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,592	18	56,156,201	56,158,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,593	18	56,197,401	56,199,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,594	18	56,661,001	56,662,601	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,595	18	58,279,401	58,280,801	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,596	18	58,437,801	58,439,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,597	18	58,937,401	58,939,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,598	18	63,173,001	63,174,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,599	18	63,644,201	63,649,801	5,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,600	18	63,699,801	63,701,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,601	18	63,793,601	63,795,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,602	18	66,305,401	66,310,201	4,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,603	18	68,632,201	68,633,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,604	18	68,633,801	68,636,001	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,605	18	68,640,401	68,642,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,606	18	70,301,001	70,304,001	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	172	18	70,313,471	70,335,004	21,534	gain	-	-	-	-	-	-
5,607	18	70,424,001	70,426,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,608	18	71,336,801	71,341,001	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,609	18	71,432,801	71,434,401	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,610	18	71,551,601	71,553,201	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,611	18	72,091,201	72,092,801	1,600	gain	-	-	-	-	-	-	87	18	71,936,704	74,296,573	2,359,869	gain
5,612	18	72,097,001	72,099,801	2,800	gain	-	-	-	-	-	-	87	18	71,936,704	74,296,573	2,359,869	gain
5,613	18	72,226,801	72,230,601	3,800	loss	-	-	-	-	-	-	87	18	71,936,704	74,296,573	2,359,869	gain
5,614	18	72,370,801	72,373,001	2,200	gain	-	-	-	-	-	-	87	18	71,936,704	74,296,573	2,359,869	gain
5,615	18	72,437,401	72,439,001	1,600	gain	-	-	-	-	-	-	87	18	71,936,704	74,296,573	2,359,869	gain



NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
5,659	18	80,500,601	80,503,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,660	18	80,603,401	80,605,801	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,661	18	80,673,801	80,677,401	3,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,662	18	80,693,201	80,695,401	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,663	18	80,701,401	80,704,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,664	18	80,709,401	80,711,601	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,665	18	80,767,601	80,770,401	2,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,666	18	80,858,401	80,860,801	2,400	loss	-	-	-	-	-	-	89	18	80,809,674	81,284,863	475,189	loss
5,667	18	80,924,801	80,926,601	1,800	loss	-	-	-	-	-	-	89	18	80,809,674	81,284,863	475,189	loss
5,668	18	80,975,601	80,977,201	1,600	loss	-	-	-	-	-	-	89	18	80,809,674	81,284,863	475,189	loss
5,669	18	81,111,201	81,114,401	3,200	loss	-	-	-	-	-	-	89	18	80,809,674	81,284,863	475,189	loss
5,670	18	81,121,401	81,123,601	2,200	loss	-	-	-	-	-	-	89	18	80,809,674	81,284,863	475,189	loss
5,671	18	81,243,001	81,244,401	1,400	gain	-	-	-	-	-	-	89	18	80,809,674	81,284,863	475,189	loss
5,672	18	81,270,601	81,273,001	2,400	loss	-	-	-	-	-	-	89	18	80,809,674	81,284,863	475,189	loss
5,673	18	81,273,801	81,276,001	2,200	loss	-	-	-	-	-	-	89	18	80,809,674	81,284,863	475,189	loss
5,674	18	81,292,801	81,294,601	1,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,675	18	84,042,601	84,044,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,676	18	84,918,401	84,920,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,677	18	85,170,001	85,171,801	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,678	18	85,184,401	85,187,001	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,679	18	85,288,601	85,290,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,680	18	85,291,001	85,293,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,681	18	85,523,801	85,526,001	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,682	18	85,551,201	85,553,601	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,683	18	85,580,601	85,582,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,684	18	87,951,601	87,954,201	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,685	18	87,957,001	87,961,801	4,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,686	18	87,974,401	87,982,201	7,800	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,687	18	87,983,801	87,988,401	4,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,688	18	87,990,401	87,993,001	2,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,689	18	88,680,401	88,682,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,690	18	88,685,001	88,687,201	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,691	18	88,723,801	88,725,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,692	18	88,807,601	88,810,201	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,693	18	88,907,801	88,909,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,694	18	88,955,201	88,957,401	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,695	18	89,361,601	89,363,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,696	18	89,484,401	89,486,001	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,697	18	89,568,401	89,570,401	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,698	18	89,589,001	89,590,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,699	18	89,699,001	89,701,001	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,700	18	89,713,601	89,715,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,701	18	89,845,801	89,847,201	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,702	18	90,009,201	90,010,801	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,703	18	90,271,801	90,273,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,704	18	90,365,201	90,367,201	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-

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NGS RegNo	NGS Chr	NGS Start	NGS End	NGS Size	NGS Status	JaxMDGA RegNo	JaxMDGA Chr	JaxMDGA Start	JaxMDGA End	JaxMDGA Size	JaxMDGA Status	aCGH RegNo	aCGH Chr	aCGH Start	aCGH End	aCGH Size	aCGH Status
5,750	19	26,466,401	26,472,001	5,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,751	19	27,375,601	27,377,401	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,752	19	27,424,401	27,426,801	2,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,753	19	30,556,601	30,558,801	2,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,754	19	31,531,401	31,533,201	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,755	19	31,615,801	31,618,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,756	19	32,518,601	32,520,801	2,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,757	19	35,151,401	35,153,401	2,000	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,758	19	35,296,401	35,300,801	4,400	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,759	19	35,308,601	35,310,001	1,400	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,760	19	35,318,801	35,320,801	2,000	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,761	19	35,411,801	35,414,201	2,400	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,762	19	35,426,001	35,430,001	4,000	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,763	19	35,476,401	35,479,601	3,200	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,764	19	35,534,401	35,536,401	2,000	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,765	19	35,658,801	35,661,001	2,200	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,766	19	35,663,601	35,666,801	3,200	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,767	19	35,668,601	35,677,401	8,800	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,768	19	35,730,201	35,732,001	1,800	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,769	19	35,740,601	35,742,801	2,200	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,770	19	35,885,001	35,887,601	2,600	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,771	19	35,909,001	35,910,601	1,600	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,772	19	35,978,001	35,980,001	2,000	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,773	19	36,014,601	36,016,401	1,800	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,774	19	36,024,401	36,026,001	1,600	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,775	19	36,066,801	36,069,001	2,200	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,776	19	36,143,201	36,150,601	7,400	loss	-	-	-	-	-	-	90	19	35,248,995	36,183,745	934,750	loss
5,777	19	38,451,201	38,454,601	3,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,778	19	43,608,801	43,611,401	2,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,779	19	43,851,201	43,852,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,780	19	43,879,801	43,881,401	1,600	loss	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	178	19	44,222,802	44,222,830	29	gain	-	-	-	-	-	-
5,781	19	44,426,801	44,428,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,782	19	44,560,401	44,563,601	3,200	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,783	19	45,264,201	45,268,401	4,200	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,784	19	47,638,201	47,640,601	2,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,785	19	48,062,201	48,063,601	1,400	loss	-	-	-	-	-	-	-	-	-	-	-	-
5,786	19	49,755,801	49,757,801	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,787	19	50,039,001	50,042,001	3,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,788	19	50,133,601	50,135,601	2,000	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,789	19	50,137,801	50,139,601	1,800	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,790	19	50,181,201	50,182,601	1,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,791	19	50,878,601	50,883,001	4,400	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,792	19	50,902,001	50,903,601	1,600	gain	-	-	-	-	-	-	-	-	-	-	-	-
5,793	19	50,956,601	50,958,801	2,200	gain	-	-	-	-	-	-	91	19	50,912,577	51,008,221	95,644	gain
5,794	19	50,984,401	50,986,601	2,200	gain	-	-	-	-	-	-	91	19	50,912,577	51,008,221	95,644	gain

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