

Table S2: CNVs detected by JaxMDGA. In total 180 CNVs were revealed, numbered here from 1 to 180 in the first column. Columns 1-3 contain information on the chromosomal position. Furthermore, the size and the copy number status are given, with “gain” indicating a copy number gain in HAB compared to LAB animals.

No.	Chr	Start [bp]	End [bp]	Size [bp]	Status
1	1	23,385,854	23,385,855	2	gain
2	1	33,723,902	33,723,981	80	gain
3	1	110,834,540	110,940,992	106,453	gain
4	1	111,652,396	111,687,579	35,184	loss
5	1	118,854,080	118,881,822	27,743	gain
6	1	150,529,441	150,543,605	14,165	gain
7	1	150,678,616	150,777,417	98,802	gain
8	1	150,954,593	150,954,990	398	gain
9	1	152,551,318	152,551,619	302	gain
10	1	155,364,069	155,371,516	7,448	loss
11	1	173,219,128	173,222,721	3,594	gain
12	2	38,976,620	38,976,716	97	gain
13	2	62,524,035	62,524,468	434	loss
14	2	77,622,967	77,623,672	706	loss
15	2	83,328,323	83,332,897	4,575	gain
16	2	98,029,712	98,029,941	230	gain
17	2	99,858,854	99,872,693	13,840	gain
18	2	147,355,528	147,361,349	5,822	gain
19	2	157,152,820	157,153,070	251	loss
20	2	162,539,702	162,573,526	33,825	gain
21	3	15,340,258	15,819,607	479,350	loss
22	3	16,902,891	16,928,688	25,798	gain
23	3	19,248,566	19,249,048	483	loss
24	3	125,822,512	125,830,152	7,641	gain
25	3	135,520,542	135,521,192	651	gain
26	3	137,035,705	137,036,277	573	loss
27	3	143,512,892	143,520,968	8,077	gain

No.	Chr	Start [bp]	End [bp]	Size [bp]	Status
28	4	30,296,937	30,312,363	15,427	loss
29	4	71,762,125	71,768,691	6,567	gain
30	4	77,028,168	77,043,306	15,139	gain
31	4	77,228,417	77,255,056	26,640	gain
32	4	101,601,485	101,601,817	333	gain
33	4	111,745,396	112,236,356	490,961	loss
34	4	112,496,803	113,613,316	1,116,514	loss
35	4	113,807,995	113,925,623	117,629	loss
36	4	139,194,302	139,196,589	2,288	gain
37	5	10,562,306	10,611,660	49,355	loss
38	5	54,034,662	54,046,325	11,664	gain
39	5	88,583,061	88,583,112	52	gain
40	5	95,772,662	95,914,255	141,594	loss
41	5	105,072,998	105,359,320	286,323	gain
42	5	113,687,145	113,687,269	125	gain
43	5	118,388,158	118,388,803	646	gain
44	5	124,367,246	124,378,643	11,398	gain
45	6	14,292,500	14,402,255	109,756	gain
46	6	15,022,430	15,034,563	12,134	gain
47	6	22,707,263	22,721,047	13,785	loss
48	6	24,062,940	24,063,639	700	gain
49	6	33,119,386	33,123,525	4,140	gain
50	6	67,506,071	67,662,275	156,205	loss
51	6	68,535,332	68,654,639	119,308	loss
52	6	98,894,638	98,894,702	65	gain
53	6	101,283,676	101,286,899	3,224	gain
54	6	106,983,886	107,028,455	44,570	gain
55	6	107,066,975	107,080,793	13,819	gain
56	6	107,172,140	107,215,744	43,605	gain
57	6	121,211,838	121,212,147	310	gain

No.	Chr	Start [bp]	End [bp]	Size [bp]	Status
58	6	139,365,392	139,410,202	44,811	gain
59	6	143,649,311	143,657,471	8,161	gain
60	6	145,118,279	145,118,297	19	gain
61	7	12,211,054	12,258,765	47,712	gain
62	7	12,671,417	12,671,825	409	gain
63	7	12,712,933	12,770,476	57,544	gain
64	7	38,968,839	38,982,162	13,324	gain
65	7	39,182,758	46,566,513	7,383,756	gain
66	7	48,376,754	48,548,430	171,677	loss
67	7	50,914,593	50,915,973	1,381	loss
68	7	61,261,031	61,265,635	4,605	loss
69	7	86,827,857	86,840,695	12,839	gain
70	7	109,794,774	109,817,294	22,521	loss
71	7	109,855,744	109,858,484	2,741	loss
72	7	110,370,728	110,491,407	120,680	loss
73	7	111,067,015	111,067,159	145	loss
74	7	111,120,174	111,154,197	34,024	loss
75	7	111,428,102	111,428,284	183	gain
76	7	111,485,184	111,496,828	11,645	loss
77	7	111,676,703	111,683,670	6,968	gain
78	7	115,004,586	115,010,378	5,793	gain
79	7	115,315,404	115,395,389	79,986	loss
80	7	115,735,206	115,755,917	20,712	loss
81	7	130,213,756	130,215,357	1,602	loss
82	7	134,527,650	134,530,651	3,002	gain
83	8	28,413,570	28,459,049	45,480	loss
84	8	28,616,961	28,633,808	16,848	loss
85	8	28,742,234	28,743,469	1,236	loss
86	9	48,364,375	48,365,061	687	gain
87	9	83,521,018	83,522,534	1,517	gain

No.	Chr	Start [bp]	End [bp]	Size [bp]	Status
88	9	113,721,718	113,722,368	651	gain
89	9	114,814,744	114,815,708	965	gain
90	9	123,962,530	123,965,941	3,412	gain
91	9	124,027,245	124,029,861	2,617	gain
92	10	12,334,301	12,334,411	111	gain
93	10	15,385,518	15,392,695	7,178	gain
94	10	19,207,295	19,208,685	1,391	gain
95	10	21,842,578	21,901,891	59,314	gain
96	10	22,001,970	22,093,887	91,918	loss
97	10	70,494,361	70,494,548	188	gain
98	10	115,399,439	115,401,483	2,045	gain
99	10	117,724,329	117,731,673	7,345	loss
100	11	22,252,767	22,253,961	1,195	loss
101	11	31,063,766	31,093,596	29,831	loss
102	11	48,872,511	48,886,868	14,358	gain
103	11	51,897,884	51,901,279	3,396	gain
104	11	59,279,699	59,279,901	203	gain
105	11	62,542,340	62,560,811	18,472	gain
106	11	64,416,011	64,432,150	16,140	gain
107	11	91,742,080	91,759,071	16,992	gain
108	11	120,870,358	120,888,586	18,229	gain
109	12	11,557,653	11,594,067	36,415	gain
110	12	18,193,095	18,552,020	358,926	loss
111	12	33,508,991	33,511,335	2,345	gain
112	12	64,045,150	64,099,191	54,042	loss
113	12	66,669,557	66,671,717	2,161	loss
114	12	68,607,278	68,610,369	3,092	loss
115	12	100,077,912	100,080,008	2,097	gain
116	12	103,731,977	103,732,056	80	gain
117	12	113,806,302	113,812,930	6,629	loss

No.	Chr	Start [bp]	End [bp]	Size [bp]	Status
118	12	114,835,711	114,849,501	13,791	loss
119	12	115,272,059	115,379,105	107,047	loss
120	12	115,674,340	115,700,639	26,300	loss
121	12	115,795,799	115,836,215	40,417	loss
122	12	115,890,154	115,947,060	56,907	loss
123	12	116,067,623	116,152,952	85,330	loss
124	12	116,369,970	116,396,752	26,783	loss
125	12	116,434,487	116,573,983	139,497	loss
126	12	116,897,754	116,987,621	89,868	loss
127	12	117,072,297	117,150,693	78,397	loss
128	13	7,698,277	7,724,185	25,909	gain
129	13	17,222,975	17,223,138	164	loss
130	13	17,390,746	17,391,604	859	gain
131	13	22,180,406	22,247,428	67,023	gain
132	13	74,876,460	74,877,016	557	gain
133	13	104,734,657	104,736,352	1,696	gain
134	13	110,143,424	110,148,369	4,946	gain
135	13	110,285,017	110,311,302	26,286	gain
136	13	110,333,876	110,360,210	26,335	gain
137	13	110,512,099	110,531,531	19,433	gain
138	14	9,476,924	9,484,124	7,201	gain
139	14	37,934,577	37,948,431	13,855	gain
140	14	73,245,931	73,246,173	243	gain
141	14	79,921,672	79,935,942	14,271	gain
142	14	95,503,000	95,503,444	445	gain
143	14	95,504,926	95,527,421	22,496	loss
144	15	21,160,286	21,161,985	1,700	gain
145	15	21,656,080	21,669,587	13,508	gain
146	15	22,167,633	22,244,083	76,451	gain
147	15	22,457,663	22,469,240	11,578	gain

No.	Chr	Start [bp]	End [bp]	Size [bp]	Status
148	15	25,938,508	25,938,536	29	gain
149	15	33,880,402	33,899,505	19,104	loss
150	15	55,025,921	55,026,265	345	gain
151	15	57,340,168	57,347,478	7,311	gain
152	15	91,561,909	91,562,071	163	loss
153	16	38,482,477	38,482,801	325	gain
154	16	54,402,298	54,508,873	106,576	loss
155	16	56,226,901	56,232,819	5,919	gain
156	16	80,969,884	80,973,836	3,953	loss
157	17	13,259,210	13,273,029	13,820	loss
158	17	13,398,713	13,649,185	250,473	loss
159	17	30,593,663	31,058,945	465,283	loss
160	17	32,778,651	32,785,160	6,510	loss
161	17	36,151,872	36,151,991	120	gain
162	17	36,167,127	36,183,978	16,852	gain
163	17	36,257,749	36,299,506	41,758	gain
164	17	50,132,851	50,142,478	9,628	gain
165	17	52,548,414	52,551,327	2,914	gain
166	17	54,423,215	54,423,288	74	gain
167	17	58,867,873	58,867,985	113	gain
168	17	60,426,181	60,434,309	8,129	gain
169	17	74,806,593	74,808,253	1,661	gain
170	17	88,954,202	88,963,711	9,510	loss
171	18	32,594,657	32,600,787	6,131	gain
172	18	70,313,471	70,335,004	21,534	gain
173	18	72,536,401	72,544,701	8,301	gain
174	18	72,714,633	72,727,773	13,141	gain
175	18	73,537,950	73,597,728	59,779	gain
176	19	7,348,368	7,349,675	1,308	gain
177	19	18,618,198	18,644,452	26,255	gain

No.	Chr	Start [bp]	End [bp]	Size [bp]	Status
178	19	44,222,802	44,222,830	29	gain
179	X	132,894,513	132,927,537	33,025	gain
180	X	166,410,987	166,428,718	17,732	gain