

Table S8: Summary of segmental copy number variation in HAB vs. LAB sequences. Segmental copy number variations are assorted according to their chromosomal position. The LAB sequence served as reference sequence in the HAB/LAB comparison. Gains and losses indicated in the Table are, thus, gains and losses in the HAB sequence relative to the LAB sequence (Chr. = chromosome).

No.	Status	Chr.	Start [bp]	End [bp]	Fragment size [bp]
1	gain	1	23,385,854	23,385,855	2
2	gain	1	33,723,902	33,723,981	80
3	gain	1	110,834,540	110,940,992	106,453
4	loss	1	111,652,396	111,687,579	35,184
5	gain	1	118,854,080	118,881,822	27,743
6	gain	1	150,529,441	150,543,605	14,165
7	gain	1	150,678,616	150,777,417	98,802
8	gain	1	150,954,593	150,954,990	398
9	gain	1	152,551,318	152,551,619	302
10	loss	1	155,364,069	155,371,516	7,448
11	gain	1	173,219,128	173,222,721	3,594
12	gain	2	38,976,620	38,976,716	97
13	loss	2	62,524,035	62,524,468	434
14	loss	2	77,622,967	77,623,672	706
15	gain	2	83,328,323	83,332,897	4,575
16	gain	2	98,029,712	98,029,941	230
17	gain	2	99,858,854	99,872,693	13,840
18	gain	2	147,355,528	147,361,349	5,822
19	loss	2	157,152,820	157,153,070	251
20	gain	2	162,539,702	162,573,526	33,825
21	loss	3	15,340,258	15,819,607	479,350
22	gain	3	16,902,891	16,928,688	25,798
23	loss	3	19,248,566	19,249,048	483
24	gain	3	125,822,512	125,830,152	7,641
25	gain	3	135,520,542	135,521,192	651
26	loss	3	137,035,705	137,036,277	573
27	gain	3	143,512,892	143,520,968	8,077
28	loss	4	30,296,937	30,312,363	15,427
29	gain	4	71,762,125	71,768,691	6,567
30	gain	4	77,028,168	77,043,306	15,139
31	gain	4	77,228,417	77,255,056	26,640
32	gain	4	101,601,485	101,601,817	333
33	loss	4	111,745,396	112,236,356	490,961
34	loss	4	112,496,803	113,613,316	1,116,514
35	loss	4	113,807,995	113,925,623	117,629
36	gain	4	139,194,302	139,196,589	2,288
37	loss	5	10,562,306	10,611,660	49,355
38	gain	5	54,034,662	54,046,325	11,664
39	gain	5	88,583,061	88,583,112	52
40	loss	5	95,772,662	95,914,255	141,594
41	gain	5	105,072,998	105,359,320	286,323
42	gain	5	113,687,145	113,687,269	125
43	gain	5	118,388,158	118,388,803	646
44	gain	5	124,367,246	124,378,643	11,398
45	gain	6	14,292,500	14,402,255	109,756
46	gain	6	15,022,430	15,034,563	12,134
47	loss	6	22,707,263	22,721,047	13,785
48	gain	6	24,062,940	24,063,639	700
49	gain	6	33,119,386	33,123,525	4,140

50	loss	6	67,506,071	67,662,275	156,205
51	loss	6	68,535,332	68,654,639	119,308
52	gain	6	98,894,638	98,894,702	65
53	gain	6	101,283,676	101,286,899	3,224
54	gain	6	106,983,886	107,028,455	44,570
55	gain	6	107,066,975	107,080,793	13,819
56	gain	6	107,172,140	107,215,744	43,605
57	gain	6	121,211,838	121,212,147	310
58	gain	6	139,365,392	139,410,202	44,811
59	gain	6	143,649,311	143,657,471	8,161
60	gain	6	145,118,279	145,118,297	19
61	gain	7	12,211,054	12,258,765	47,712
62	gain	7	12,671,417	12,671,825	409
63	gain	7	12,712,933	12,770,476	57,544
64	gain	7	38,968,839	38,982,162	13,324
65	gain	7	39,182,758	46,566,513	7,383,756
66	loss	7	48,376,754	48,548,430	171,677
67	loss	7	50,914,593	50,915,973	1,381
68	loss	7	61,261,031	61,265,635	4,605
69	gain	7	86,827,857	86,840,695	12,839
70	loss	7	109,794,774	109,817,294	22,521
71	loss	7	109,855,744	109,858,484	2,741
72	loss	7	110,370,728	110,491,407	120,680
73	loss	7	111,067,015	111,067,159	145
74	loss	7	111,120,174	111,154,197	34,024
75	gain	7	111,428,102	111,428,284	183
76	loss	7	111,485,184	111,496,828	11,645
77	gain	7	111,676,703	111,683,670	6,968
78	gain	7	115,004,586	115,010,378	5,793
79	loss	7	115,315,404	115,395,389	79,986
80	loss	7	115,735,206	115,755,917	20,712
81	loss	7	130,213,756	130,215,357	1,602
82	gain	7	134,527,650	134,530,651	3,002
83	loss	8	28,413,570	28,459,049	45,480
84	loss	8	28,616,961	28,633,808	16,848
85	loss	8	28,742,234	28,743,469	1,236
86	gain	9	48,364,375	48,365,061	687
87	gain	9	83,521,018	83,522,534	1,517
88	gain	9	113,721,718	113,722,368	651
89	gain	9	114,814,744	114,815,708	965
90	gain	9	123,962,530	123,965,941	3,412
91	gain	9	124,027,245	124,029,861	2,617
92	gain	10	12,334,301	12,334,411	111
93	gain	10	15,385,518	15,392,695	7,178
94	gain	10	19,207,295	19,208,685	1,391
95	gain	10	21,842,578	21,901,891	59,314
96	loss	10	22,001,970	22,093,887	91,918
97	gain	10	70,494,361	70,494,548	188
98	gain	10	115,399,439	115,401,483	2,045
99	loss	10	117,724,329	117,731,673	7,345
100	loss	11	22,252,767	22,253,961	1,195
101	loss	11	31,063,766	31,093,596	29,831
102	gain	11	48,872,511	48,886,868	14,358
103	gain	11	51,897,884	51,901,279	3,396
104	gain	11	59,279,699	59,279,901	203
105	gain	11	62,542,340	62,560,811	18,472

106	gain	11	64,416,011	64,432,150	16,140
107	gain	11	91,742,080	91,759,071	16,992
108	gain	11	120,870,358	120,888,586	18,229
109	gain	12	11,557,653	11,594,067	36,415
110	loss	12	18,193,095	18,552,020	358,926
111	gain	12	33,508,991	33,511,335	2,345
112	loss	12	64,045,150	64,099,191	54,042
113	loss	12	66,669,557	66,671,717	2,161
114	loss	12	68,607,278	68,610,369	3,092
115	gain	12	100,077,912	100,080,008	2,097
116	gain	12	103,731,977	103,732,056	80
117	loss	12	113,806,302	113,812,930	6,629
118	loss	12	114,835,711	114,849,501	13,791
119	loss	12	115,272,059	115,379,105	107,047
120	loss	12	115,674,340	115,700,639	26,300
121	loss	12	115,795,799	115,836,215	40,417
122	loss	12	115,890,154	115,947,060	56,907
123	loss	12	116,067,623	116,152,952	85,330
124	loss	12	116,369,970	116,396,752	26,783
125	loss	12	116,434,487	116,573,983	139,497
126	loss	12	116,897,754	116,987,621	89,868
127	loss	12	117,072,297	117,150,693	78,397
128	gain	13	7,698,277	7,724,185	25,909
129	loss	13	17,222,975	17,223,138	164
130	gain	13	17,390,746	17,391,604	859
131	gain	13	22,180,406	22,247,428	67,023
132	gain	13	74,876,460	74,877,016	557
133	gain	13	104,734,657	104,736,352	1,696
134	gain	13	110,143,424	110,148,369	4,946
135	gain	13	110,285,017	110,311,302	26,286
136	gain	13	110,333,876	110,360,210	26,335
137	gain	13	110,512,099	110,531,531	19,433
138	gain	14	9,476,924	9,484,124	7,201
139	gain	14	37,934,577	37,948,431	13,855
140	gain	14	73,245,931	73,246,173	243
141	gain	14	79,921,672	79,935,942	14,271
142	gain	14	95,503,000	95,503,444	445
143	loss	14	95,504,926	95,527,421	22,496
144	gain	15	21,160,286	21,161,985	1,700
145	gain	15	21,656,080	21,669,587	13,508
146	gain	15	22,167,633	22,244,083	76,451
147	gain	15	22,457,663	22,469,240	11,578
148	gain	15	25,938,508	25,938,536	29
149	loss	15	33,880,402	33,899,505	19,104
150	gain	15	55,025,921	55,026,265	345
151	gain	15	57,340,168	57,347,478	7,311
152	loss	15	91,561,909	91,562,071	163
153	gain	16	38,482,477	38,482,801	325
154	loss	16	54,402,298	54,508,873	106,576
155	gain	16	56,226,901	56,232,819	5,919
156	loss	16	80,969,884	80,973,836	3,953
157	loss	17	13,259,210	13,273,029	13,820
158	loss	17	13,398,713	13,649,185	250,473
159	loss	17	30,593,663	31,058,945	465,283
160	loss	17	32,778,651	32,785,160	6,510
161	gain	17	36,151,872	36,151,991	120

162	gain	17	36,167,127	36,183,978	16,852
163	gain	17	36,257,749	36,299,506	41,758
164	gain	17	50,132,851	50,142,478	9,628
165	gain	17	52,548,414	52,551,327	2,914
166	gain	17	54,423,215	54,423,288	74
167	gain	17	58,867,873	58,867,985	113
168	gain	17	60,426,181	60,434,309	8,129
169	gain	17	74,806,593	74,808,253	1,661
170	loss	17	88,954,202	88,963,711	9,510
171	gain	18	32,594,657	32,600,787	6,131
172	gain	18	70,313,471	70,335,004	21,534
173	gain	18	72,536,401	72,544,701	8,301
174	gain	18	72,714,633	72,727,773	13,141
175	gain	18	73,537,950	73,597,728	59,779
176	gain	19	7,348,368	7,349,675	1,308
177	gain	19	18,618,198	18,644,452	26,255
178	gain	19	44,222,802	44,222,830	29
179	gain	X	132,894,513	132,927,537	33,025
180	gain	X	166,410,987	166,428,718	17,732