

Supplementary Table 6. Assembled African fragments from chip data. The reconstructed haploid genome of HJ was assembled from 593 trimmed and filtered African fragments inferred from his 182 genotyped descendants. Overlapping fragments were combined into 48 assembled fragments, each of which is described in the table below.

Chr	Assembled chip fragments					Overlapping fragment pairs			
	Start (NCBI build 38)	Stop (NCBI build 38)	Length in Mb	No. of contributing fragments	No. of chip loci	N	No. of overlapping loci	No. of discrepant loci	Fraction of discrepant loci
1	200566	4320284	4.12	1	661	0	NA	NA	NA
1	5520132	81113099	75.59	53	17230	572	15128	10	0.0007
1	165940929	248924451	82.98	28	20063	195	20057	17	0.0008
2	15703	5850756	5.84	19	1761	171	1761	5	0.0028
2	38125497	45338411	7.21	2	1942	1	1942	0	0.0000
2	75483619	77106881	1.62	1	466	0	NA	NA	NA
2	233103059	242119359	9.02	10	2476	45	2476	1	0.0004
3	19817	74048472	74.03	35	20098	426	20098	14	0.0007
3	145169406	198111391	52.94	21	11454	99	10487	13	0.0012
4	72320687	85943365	13.62	2	2629	1	1042	0	0.0000
4	86258959	103632719	17.37	2	3505	1	1650	1	0.0006
4	140131890	155762129	15.63	4	2816	6	2270	0	0.0000
4	170003586	188042043	18.04	11	4808	35	4808	2	0.0004
5	36346	2367962	2.33	1	623	0	NA	NA	NA
5	78660139	143638656	64.98	15	13534	61	13534	6	0.0004
5	148916116	169184999	20.27	8	5234	28	5209	2	0.0004
5	170012950	181282914	11.27	4	3053	6	2115	1	0.0005
6	149609	5431107	5.28	22	1774	195	1773	0	0.0000
6	143400087	152773422	9.37	1	2710	0	NA	NA	NA
7	112671171	144661855	31.99	16	6136	111	6136	1	0.0002
8	215982	6163162	5.95	5	3012	10	1932	2	0.0010
8	13094721	74338054	61.24	43	13966	600	13966	15	0.0011
9	40910	4090724	4.05	11	1776	55	959	0	0.0000
9	4356048	5864988	1.51	10	485	45	485	0	0.0000
10	245194	3341941	3.1	15	1164	105	1164	0	0.0000
10	12798843	112335173	99.54	28	23453	198	18419	10	0.0005
10	132423184	133740558	1.32	9	257	36	257	0	0.0000
11	56749633	134445605	77.7	43	19342	512	18029	17	0.0009
12	71306	9325722	9.25	12	2711	59	2711	4	0.0015
12	71146135	76099805	4.95	4	1067	6	1053	3	0.0028
12	97823794	115158742	17.33	9	4294	36	4294	0	0.0000
12	127582187	133202098	5.62	4	1922	6	1922	0	0.0000

13	60366772	114338054	53.97	9	14842	29	12609	0	0.0000
14	32313184	95340805	63.03	25	15597	285	15597	13	0.0008
15	33420197	41306250	7.89	4	2223	6	2220	1	0.0005
15	59846871	68457536	8.61	1	2175	0	NA	NA	NA
15	70000371	98910802	28.91	18	7609	105	7609	10	0.0013
16	36671	6739365	6.7	3	1751	3	1751	0	0.0000
16	26842804	51286761	24.44	2	1590	1	1590	0	0.0000
17	163252	10775496	10.61	25	3001	276	3000	2	0.0007
17	73986916	77443835	3.46	1	843	0	NA	NA	NA
17	78578193	83085163	4.51	7	1008	13	898	0	0.0000
18	322522	5436852	5.11	9	1631	33	1631	4	0.0025
19	53184565	58582769	5.4	1	1470	0	NA	NA	NA
20	24332803	31911523	7.58	1	417	0	NA	NA	NA
20	58871967	63368850	4.5	1	1391	0	NA	NA	NA
21	30834960	36788610	5.95	16	1754	120	1752	1	0.0006
22	15462741	50499016	35.04	21	9411	170	9411	3	0.0003
Total			1090.77	593	263135	4662	233745	158*	0.0007

*The 158 positions where we observe more than one allele were excluded from further analysis.