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Supplemental Data

Inference of Unexpected Genetic Relatedness among Individuals in HapMap Phase III

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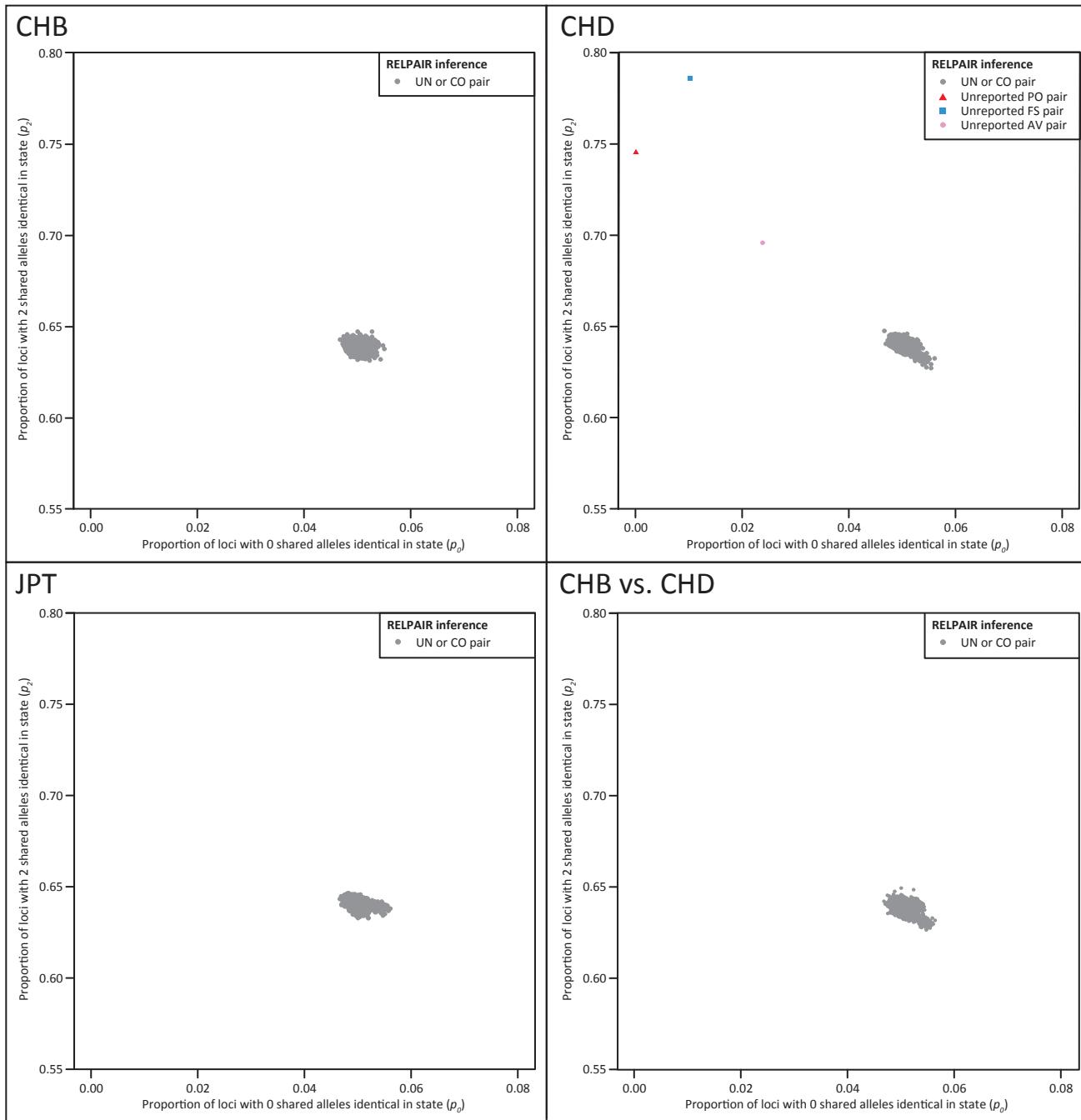


Figure S1. Allele Sharing for Pairs of Individuals in the CHB, CHD, and JPT Populations

The plot for CHB vs. CHD includes only pairs in which one individual is from the CHB and the other individual is from the CHD.

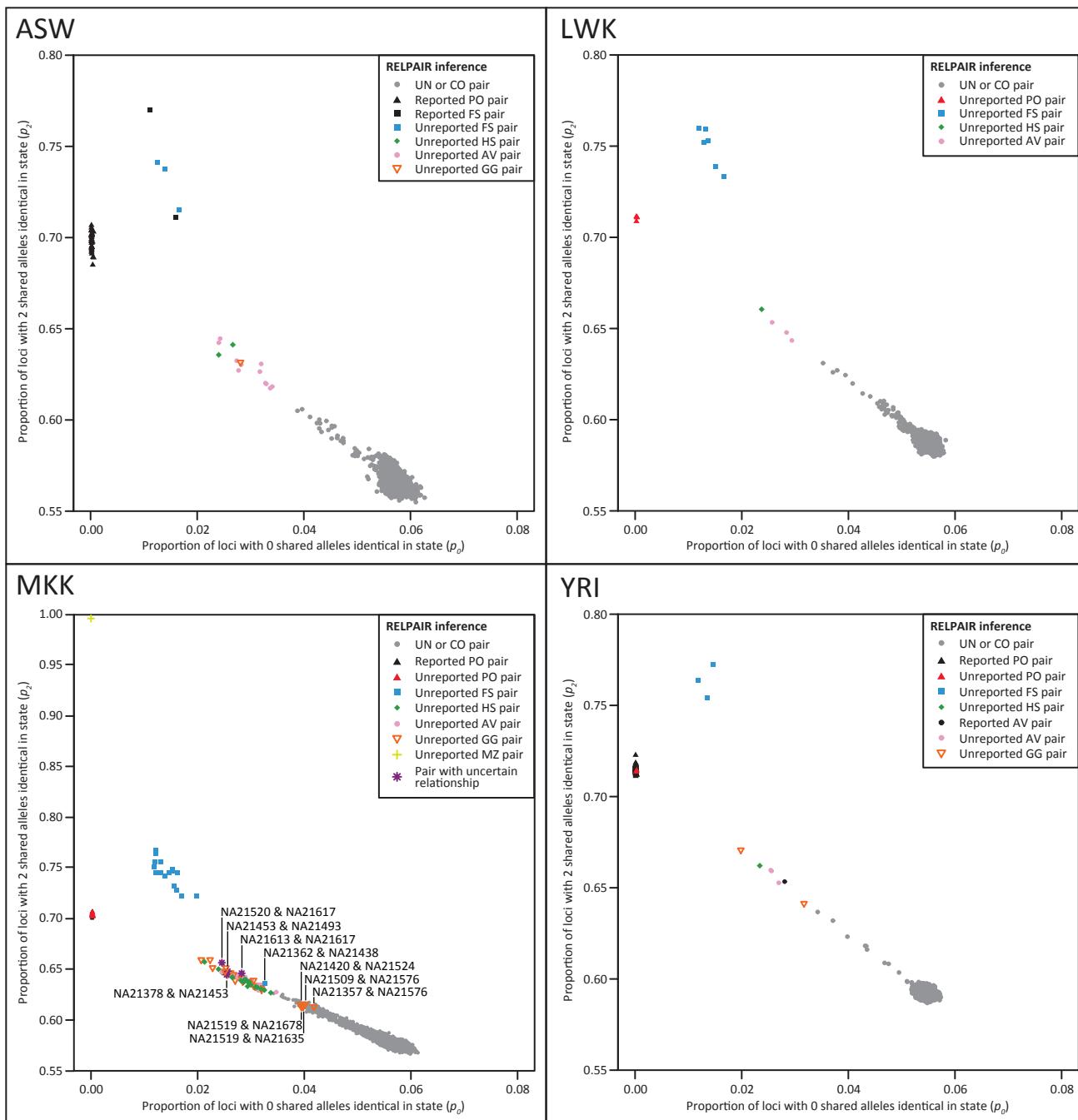


Figure S2. Allele Sharing for Pairs of Individuals in the ASW, LWK, MKK, and YRI Populations

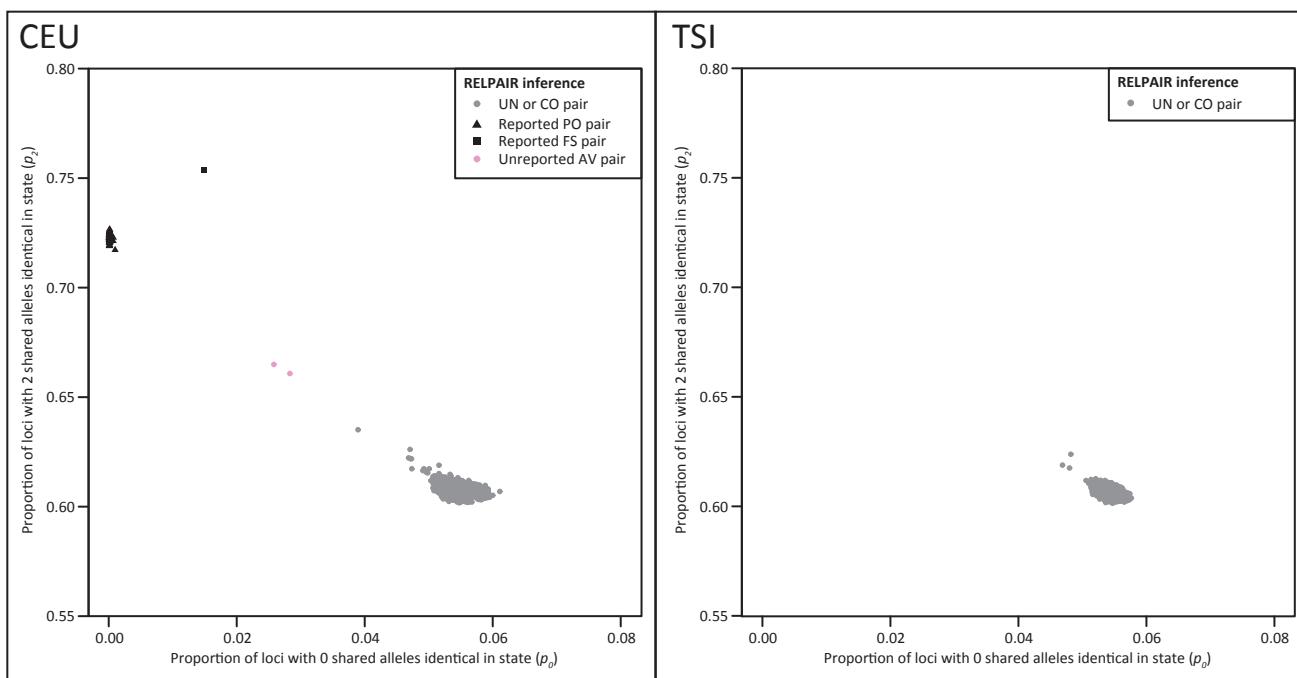


Figure S3. Allele Sharing for Pairs of Individuals in the CEU and TSI Populations

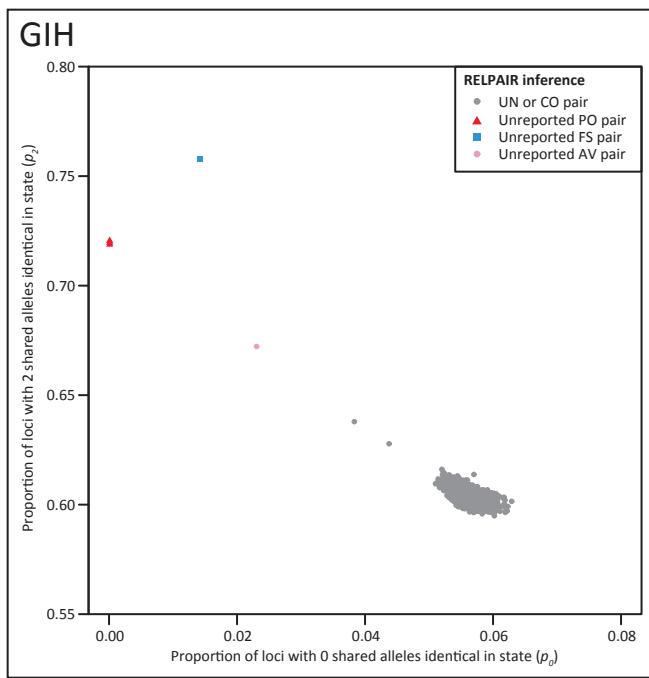


Figure S4. Allele Sharing for Pairs of Individuals in the GIH Population

Table S1. 358 Previously Reported Relative Pairs in Release 3 of Phase III of the HapMap

Population	Family Number	Parent/Offspring (PO), Full Siblings (FS), or Avuncular (AV)	First Individual		Second Individual		Support for Inference: RELPARI (R) or Allele-Sharing (A)
			Identification Number	Sex	Identification Number	Sex	
ASW	2367	PO	NA19700	M	NA19702	M	R, A
ASW	2367	PO	NA19701	F	NA19702	M	R, A
ASW	2368	PO	NA19703	M	NA19705	M	R, A
ASW	2368	PO	NA19704	F	NA19705	M	R, A
ASW	2437	PO	NA19985	F	NA19714	F	R, A
ASW	2418	PO	NA19818	M	NA19828	M	R, A
ASW	2418	PO	NA19819	F	NA19828	M	R, A
ASW	2424	PO	NA19834	M	NA19836	F	R, A
ASW	2424	PO	NA19835	F	NA19836	F	R, A
ASW	2425	PO	NA19900	M	NA19902	F	R, A
ASW	2425	PO	NA19901	F	NA19902	F	R, A
ASW	2430	PO	NA19914	F	NA19915	M	R, A
ASW	2431	PO	NA19916	M	NA19918	M	R, A
ASW	2431	PO	NA19917	F	NA19918	M	R, A
ASW	2427	PO	NA19908	M	NA19919	M	R, A
ASW	2427	PO	NA19909	F	NA19919	M	R, A
ASW	2436	PO	NA19713	F	NA19983	F	R, A
ASW	2436	PO	NA19982	M	NA19983	F	R, A
ASW	2446	PO	NA20126	M	NA20128	F	R, A
ASW	2446	PO	NA20127	F	NA20128	F	R, A
ASW	2433	PO	NA19921	F	NA20129	F	R, A
ASW	2466	PO	NA20276	F	NA20277	F	R, A
ASW	2469	PO	NA20282	F	NA20284	M	R, A
ASW	2470	PO	NA20287	F	NA20288	M	R, A
ASW	2471	PO	NA20289	F	NA20290	F	R, A
ASW	2472	PO	NA20291	M	NA20292	F	R, A
ASW	2474	PO	NA20294	F	NA20295	M	R, A
ASW	2477	PO	NA20301	F	NA20302	M	R, A
ASW	2480	PO	NA20317	F	NA20319	F	R, A
ASW	2483	PO	NA20332	F	NA20333	F	R, A
ASW	2484	PO	NA20334	F	NA20335	M	R, A
ASW	2485	PO	NA20336	F	NA20337	F	R, A
ASW	2488	PO	NA20342	M	NA20343	M	R, A
ASW	2489	PO	NA20344	F	NA20345	M	R, A
ASW	2490	PO	NA20346	M	NA20347	M	R, A
ASW	2492	PO	NA20349	M	NA20350	M	R, A
ASW	2494	PO	NA20356	M	NA20358	M	R, A
ASW	2494	PO	NA20357	F	NA20358	M	R, A
ASW	2495	PO	NA20359	F	NA20360	M	R, A
ASW	2496	PO	NA20363	F	NA20364	F	R, A
ASW	-	PO	NA20282	F	NA20279	M	R, A
ASW	-	FS	NA20282	F	NA20301	F	R, A
ASW	-	FS	NA20349	M	NA20344	F	R, A
CEU	1341	PO	NA06985	F	NA06991	F	R, A
CEU	1341	PO	NA06993	M	NA06991	F	R, A
CEU	13291	PO	NA07037	F	NA06995	M	R, A
CEU	13291	PO	NA07435	M	NA06995	M	R, A
CEU	13291	PO	NA06986	M	NA06997	F	R, A
CEU	13291	PO	NA07045	F	NA06997	F	R, A
CEU	13292	PO	NA07031	F	NA07014	F	R, A
CEU	13292	PO	NA07051	M	NA07014	F	R, A

Population	Family Number	Parent/Offspring (PO), Full Siblings (FS), or Avuncular (AV)	First Individual		Second Individual		Support for Inference: RELPARI (R) or Allele-Sharing (A)
			Identification Number	Sex	Identification Number	Sex	
CEU	1340	PO	NA06994	M	NA07029	M	R,A
CEU	1340	PO	NA07000	F	NA07029	M	R,A
CEU	1345	PO	NA07345	F	NA07348	F	R,A
CEU	1345	PO	NA07357	M	NA07348	F	R,A
CEU	1345	PO	NA07346	F	NA07349	M	R,A
CEU	1345	PO	NA07347	M	NA07349	M	R,A
CEU	1408	PO	NA12154	M	NA10830	M	R,A
CEU	1408	PO	NA12155	M	NA10831	F	R,A
CEU	1408	PO	NA12156	F	NA10831	F	R,A
CEU	1416	PO	NA12248	M	NA10835	M	R,A
CEU	1416	PO	NA12249	F	NA10835	M	R,A
CEU	1418	PO	NA12275	F	NA10836	F	R,A
CEU	1418	PO	NA12272	M	NA10837	M	R,A
CEU	1418	PO	NA12273	F	NA10837	M	R,A
CEU	1420	PO	NA12003	M	NA10838	M	R,A
CEU	1420	PO	NA12005	M	NA10839	F	R,A
CEU	1420	PO	NA12006	F	NA10839	F	R,A
CEU	1421	PO	NA12286	M	NA10840	F	R,A
CEU	1421	PO	NA12287	F	NA10840	F	R,A
CEU	1423	PO	NA11919	M	NA10843	F	R,A
CEU	1423	PO	NA11920	F	NA10843	F	R,A
CEU	1424	PO	NA11930	M	NA10845	M	R,A
CEU	1424	PO	NA11931	F	NA10845	M	R,A
CEU	1334	PO	NA12144	M	NA10846	M	R,A
CEU	1334	PO	NA12145	F	NA10846	M	R,A
CEU	1334	PO	NA12146	M	NA10847	F	R,A
CEU	1334	PO	NA12239	F	NA10847	F	R,A
CEU	1346	PO	NA12045	M	NA10852	F	R,A
CEU	1349	PO	NA11843	M	NA10853	M	R,A
CEU	1349	PO	NA11839	M	NA10854	F	R,A
CEU	1349	PO	NA11840	F	NA10854	F	R,A
CEU	1350	PO	NA11831	M	NA10855	F	R,A
CEU	1350	PO	NA11832	F	NA10855	F	R,A
CEU	1350	PO	NA11829	M	NA10856	M	R,A
CEU	1350	PO	NA11830	F	NA10856	M	R,A
CEU	1347	PO	NA11881	M	NA10859	F	R,A
CEU	1347	PO	NA11882	F	NA10859	F	R,A
CEU	1362	PO	NA11994	M	NA10861	F	R,A
CEU	1362	PO	NA11995	F	NA10861	F	R,A
CEU	1375	PO	NA12234	F	NA10863	F	R,A
CEU	1375	PO	NA12264	M	NA10863	F	R,A
CEU	1377	PO	NA11893	M	NA10864	F	R,A
CEU	1377	PO	NA11894	F	NA10864	F	R,A
CEU	1377	PO	NA11891	M	NA10865	M	R,A
CEU	1377	PO	NA11892	F	NA10865	M	R,A
CEU	1330	PO	NA12340	M	NA12335	M	R,A
CEU	1330	PO	NA12341	F	NA12335	M	R,A
CEU	1330	PO	NA12342	M	NA12336	F	R,A
CEU	1330	PO	NA12343	F	NA12336	F	R,A
CEU	13281	PO	NA12347	M	NA12344	M	R,A
CEU	13281	PO	NA12348	F	NA12344	M	R,A
CEU	1353	PO	NA12383	F	NA12375	M	R,A
CEU	1353	PO	NA12489	F	NA12376	F	R,A

Population	Family Number	Parent/Offspring (PO), Full Siblings (FS), or Avuncular (AV)	First Individual		Second Individual		Support for Inference: RELPARI (R) or Allele-Sharing (A)
			Identification Number	Sex	Identification Number	Sex	
CEU	1353	PO	NA12546	M	NA12376	F	R,A
CEU	1354	PO	NA12399	M	NA12386	F	R,A
CEU	1354	PO	NA12400	F	NA12386	F	R,A
CEU	1358	PO	NA12716	M	NA12707	M	R,A
CEU	1358	PO	NA12718	F	NA12708	F	R,A
CEU	1444	PO	NA12748	M	NA12739	M	R,A
CEU	1444	PO	NA12749	F	NA12739	M	R,A
CEU	1444	PO	NA12750	M	NA12740	F	R,A
CEU	1444	PO	NA12751	F	NA12740	F	R,A
CEU	1447	PO	NA12760	M	NA12752	M	R,A
CEU	1447	PO	NA12761	F	NA12752	M	R,A
CEU	1447	PO	NA12762	M	NA12753	F	R,A
CEU	1447	PO	NA12763	F	NA12753	F	R,A
CEU	1451	PO	NA12775	M	NA12766	M	R,A
CEU	1451	PO	NA12776	F	NA12766	M	R,A
CEU	1451	PO	NA12777	M	NA12767	F	R,A
CEU	1451	PO	NA12778	F	NA12767	F	R,A
CEU	1454	PO	NA12812	M	NA12801	M	R,A
CEU	1454	PO	NA12813	F	NA12801	M	R,A
CEU	1454	PO	NA12814	M	NA12802	F	R,A
CEU	1454	PO	NA12815	F	NA12802	F	R,A
CEU	1456	PO	NA12827	M	NA12817	M	R,A
CEU	1456	PO	NA12828	F	NA12817	M	R,A
CEU	1456	PO	NA12829	M	NA12818	F	R,A
CEU	1456	PO	NA12830	F	NA12818	F	R,A
CEU	1458	PO	NA12842	M	NA12832	F	R,A
CEU	1458	PO	NA12843	F	NA12832	F	R,A
CEU	1459	PO	NA12872	M	NA12864	M	R,A
CEU	1459	PO	NA12873	F	NA12864	M	R,A
CEU	1459	PO	NA12874	M	NA12865	F	R*,A
CEU	1459	PO	NA12875	F	NA12865	F	R,A
CEU	1463	PO	NA12889	M	NA12877	M	R*,A
CEU	1463	PO	NA12890	F	NA12877	M	R,A
CEU	1463	PO	NA12891	M	NA12878	F	R,A
CEU	1463	PO	NA12892	F	NA12878	F	R,A
CEU	-	FS	NA07045	F	NA12813	F	R,A
MKK	2563	PO	NA21301	M	NA21302	F	R,A
MKK	2563	PO	NA21303	F	NA21302	F	R,A
MKK	2565	PO	NA21307	M	NA21309	F	R,A
MKK	2565	PO	NA21308	F	NA21309	F	R,A
MKK	2567	PO	NA21312	M	NA21313	M	R,A
MKK	2567	PO	NA21362	F	NA21313	M	R,A
MKK	2569	PO	NA21316	M	NA21317	M	R,A
MKK	2569	PO	NA21580	F	NA21317	M	R,A
MKK	2575	PO	NA21344	M	NA21366	M	R,A
MKK	2575	PO	NA21365	F	NA21366	M	R,A
MKK	2579	PO	NA21359	M	NA21361	F	R,A
MKK	2579	PO	NA21360	F	NA21361	F	R,A
MKK	2583	PO	NA21381	M	NA21383	M	R,A
MKK	2583	PO	NA21382	F	NA21383	M	R,A
MKK	2584	PO	NA21384	M	NA21386	F	R,A
MKK	2584	PO	NA21385	F	NA21386	F	R,A
MKK	2585	PO	NA21387	M	NA21389	M	R,A

Population	Family Number	Parent/Offspring (PO), Full Siblings (FS), or Avuncular (AV)	First Individual		Second Individual		Support for Inference: RELPARI (R) or Allele-Sharing (A)
			Identification Number	Sex	Identification Number	Sex	
MKK	2585	PO	NA21388	F	NA21389	M	R,A
MKK	2587	PO	NA21399	M	NA21401	M	R,A
MKK	2587	PO	NA21400	F	NA21401	M	R,A
MKK	2588	PO	NA21402	M	NA21404	F	R,A
MKK	2588	PO	NA21403	F	NA21404	F	R,A
MKK	2596	PO	NA21423	M	NA21425	F	R,A
MKK	2596	PO	NA21424	F	NA21425	F	R,A
MKK	2600	PO	NA21410	M	NA21434	F	R,A
MKK	2602	PO	NA21438	F	NA21439	M	R,A
MKK	2602	PO	NA21447	M	NA21439	M	R,A
MKK	2603	PO	NA21440	M	NA21442	M	R,A
MKK	2603	PO	NA21441	F	NA21442	M	R,A
MKK	2608	PO	NA21453	M	NA21455	F	R,A
MKK	2608	PO	NA21454	F	NA21455	F	R,A
MKK	2614	PO	NA21475	M	NA21477	M	R,A
MKK	2614	PO	NA21476	F	NA21477	M	R,A
MKK	2615	PO	NA21478	M	NA21480	F	R,A
MKK	2615	PO	NA21479	F	NA21480	F	R,A
MKK	2618	PO	NA21485	M	NA21487	F	R,A
MKK	2618	PO	NA21486	F	NA21487	F	R,A
MKK	2619	PO	NA21488	M	NA21490	M	R,A
MKK	2619	PO	NA21489	F	NA21490	M	R,A
MKK	2621	PO	NA21493	F	NA21494	F	R,A
MKK	2621	PO	NA21522	M	NA21494	F	R,A
MKK	2633	PO	NA21523	M	NA21525	M	R,A
MKK	2633	PO	NA21524	F	NA21525	M	R,A
MKK	2634	PO	NA21526	F	NA21527	M	R,A
MKK	2634	PO	NA21583	M	NA21527	M	R,A
MKK	2637	PO	NA21512	M	NA21514	M	R,A
MKK	2637	PO	NA21513	F	NA21514	M	R,A
MKK	2664	PO	NA21599	M	NA21601	F	R,A
MKK	2664	PO	NA21600	F	NA21601	F	R,A
MKK	2666	PO	NA21614	M	NA21608	M	R,A
MKK	2666	PO	NA21615	F	NA21608	M	R,A
MKK	2674	PO	NA21634	M	NA21636	F	R,A
MKK	2674	PO	NA21635	F	NA21636	F	R,A
MKK	2677	PO	NA21647	M	NA21648	M	R,A
MKK	2677	PO	NA21686	F	NA21648	M	R,A
MKK	2699	PO	NA21716	M	NA21718	M	R,A
MKK	2699	PO	NA21717	F	NA21718	M	R,A
MXL	M001	PO	NA19649	M	NA19650	M	R,A
MXL	M002	PO	NA19669	F	NA19671	F	R,A
MXL	M002	PO	NA19670	M	NA19671	F	R,A
MXL	M004	PO	NA19675	F	NA19677	F	R,A
MXL	M004	PO	NA19676	M	NA19677	F	R,A
MXL	M005	PO	NA19651	F	NA19653	F	R,A
MXL	M005	PO	NA19652	M	NA19653	F	R,A
MXL	M006	PO	NA19654	F	NA19656	F	R,A
MXL	M007	PO	NA19657	F	NA19659	F	R,A
MXL	M007	PO	NA19658	M	NA19659	F	R,A
MXL	M008	PO	NA19660	F	NA19662	F	R,A
MXL	M008	PO	NA19661	M	NA19662	F	R,A
MXL	M009	PO	NA19678	F	NA19680	F	R,A

Population	Family Number	Parent/Offspring (PO), Full Siblings (FS), or Avuncular (AV)	First Individual		Second Individual		Support for Inference: RELPARI (R) or Allele-Sharing (A)
			Identification Number	Sex	Identification Number	Sex	
MXL	M009	PO	NA19679	M	NA19680	F	R,A
MXL	M010	PO	NA19681	F	NA19683	F	R,A
MXL	M010	PO	NA19682	M	NA19683	F	R,A
MXL	M011	PO	NA19684	F	NA19686	F	R,A
MXL	M011	PO	NA19685	M	NA19686	F	R,A
MXL	M012	PO	NA19663	F	NA19665	F	R,A
MXL	M012	PO	NA19664	M	NA19665	F	R,A
MXL	M014	PO	NA19716	F	NA19718	F	R,A
MXL	M015	PO	NA19719	F	NA19721	F	R,A
MXL	M015	PO	NA19720	M	NA19721	F	R,A
MXL	M016	PO	NA19722	F	NA19724	M	R,A
MXL	M016	PO	NA19723	M	NA19724	M	R,A
MXL	M017	PO	NA19725	F	NA19727	M	R,A
MXL	M017	PO	NA19726	M	NA19727	M	R,A
MXL	M023	PO	NA19746	F	NA19748	F	R,A
MXL	M023	PO	NA19747	M	NA19748	F	R,A
MXL	M024	PO	NA19749	F	NA19751	M	R,A
MXL	M024	PO	NA19750	M	NA19751	M	R,A
MXL	M026	PO	NA19755	F	NA19757	M	R,A
MXL	M026	PO	NA19756	M	NA19757	M	R,A
MXL	M027	PO	NA19759	M	NA19760	F	R,A
MXL	M028	PO	NA19761	F	NA19763	F	R,A
MXL	M028	PO	NA19762	M	NA19763	F	R,A
MXL	M031	PO	NA19770	F	NA19772	M	R,A
MXL	M031	PO	NA19771	M	NA19772	M	R,A
MXL	M032	PO	NA19785	F	NA19787	M	R,A
MXL	M032	PO	NA19786	M	NA19787	M	R,A
MXL	M033	PO	NA19773	F	NA19775	F	R,A
MXL	M033	PO	NA19774	M	NA19775	F	R,A
MXL	M034	PO	NA19776	F	NA19778	M	R,A
MXL	M034	PO	NA19777	M	NA19778	M	R,A
MXL	M035	PO	NA19779	F	NA19781	F	R,A
MXL	M035	PO	NA19780	M	NA19781	F	R,A
MXL	M036	PO	NA19782	F	NA19784	M	R,A
MXL	M036	PO	NA19783	M	NA19784	M	R,A
MXL	M037	PO	NA19788	F	NA19790	F	R,A
MXL	M037	PO	NA19789	M	NA19790	F	R,A
MXL	M039	PO	NA19794	F	NA19796	M	R,A
MXL	M039	PO	NA19795	M	NA19796	M	R,A
YRI	Y001	PO	NA18486	M	NA18484	F	R,A
YRI	Y001	PO	NA18488	F	NA18484	F	R,A
YRI	Y002	PO	NA18487	M	NA18485	M	R,A
YRI	Y002	PO	NA18489	F	NA18485	M	R,A
YRI	Y003	PO	NA18498	M	NA18497	M	R,A
YRI	Y003	PO	NA18499	F	NA18497	M	R,A
YRI	Y004	PO	NA18501	M	NA18500	M	R,A
YRI	Y005	PO	NA18504	M	NA18503	M	R,A
YRI	Y005	PO	NA18505	F	NA18503	M	R,A
YRI	Y009	PO	NA18507	M	NA18506	M	R,A
YRI	Y009	PO	NA18508	F	NA18506	M	R,A
YRI	Y010	PO	NA18511	F	NA18509	M	R,A
YRI	Y013	PO	NA18516	M	NA18515	M	R,A
YRI	Y013	PO	NA18517	F	NA18515	M	R,A

Population	Family Number	Parent/Offspring (PO), Full Siblings (FS), or Avuncular (AV)	First Individual		Second Individual		Support for Inference: RELPARI (R) or Allele-Sharing (A)
			Identification Number	Sex	Identification Number	Sex	
YRI	Y014	PO	NA18519	M	NA18518	F	R,A
YRI	Y014	PO	NA18520	F	NA18518	F	R,A
YRI	Y016	PO	NA18522	M	NA18521	M	R,A
YRI	Y016	PO	NA18523	F	NA18521	M	R,A
YRI	Y018	PO	NA18852	F	NA18854	M	R,A
YRI	Y018	PO	NA18853	M	NA18854	M	R,A
YRI	Y023	PO	NA18855	F	NA18857	M	R,A
YRI	Y012	PO	NA18858	F	NA18860	M	R,A
YRI	Y012	PO	NA18859	M	NA18860	M	R,A
YRI	Y024	PO	NA18861	F	NA18863	M	R,A
YRI	Y024	PO	NA18862	M	NA18863	M	R,A
YRI	Y007	PO	NA18867	F	NA18869	M	R,A
YRI	Y007	PO	NA18868	M	NA18869	M	R,A
YRI	Y017	PO	NA18870	F	NA18872	M	R,A
YRI	Y017	PO	NA18871	M	NA18872	M	R,A
YRI	Y019	PO	NA18873	F	NA18875	F	R,A
YRI	Y019	PO	NA18874	M	NA18875	F	R,A
YRI	Y027	PO	NA18909	F	NA18911	M	R,A
YRI	Y027	PO	NA18910	M	NA18911	M	R,A
YRI	Y028	PO	NA18912	F	NA18914	M	R,A
YRI	Y028	PO	NA18913	M	NA18914	M	R,A
YRI	Y033	PO	NA18923	M	NA18925	M	R,A
YRI	Y033	PO	NA18924	F	NA18925	M	R,A
YRI	Y030	PO	NA18916	F	NA18930	F	R,A
YRI	Y030	PO	NA18917	M	NA18930	F	R,A
YRI	Y036	PO	NA18933	F	NA18935	M	R,A
YRI	Y036	PO	NA18934	M	NA18935	M	R,A
YRI	Y040	PO	NA19093	F	NA19094	F	R,A
YRI	Y041	PO	NA19095	F	NA19097	F	R,A
YRI	Y041	PO	NA19096	M	NA19097	F	R,A
YRI	Y042	PO	NA19101	M	NA19103	M	R,A
YRI	Y042	PO	NA19102	F	NA19103	M	R,A
YRI	Y006	PO	NA19107	M	NA19109	F	R,A
YRI	Y006	PO	NA19108	F	NA19109	F	R,A
YRI	Y079	PO	NA19113	M	NA19115	F	R,A
YRI	Y079	PO	NA19114	F	NA19115	F	R,A
YRI	Y060	PO	NA19116	F	NA19120	M	R,A
YRI	Y060	PO	NA19119	M	NA19120	M	R,A
YRI	Y061	PO	NA19121	M	NA19123	M	R,A
YRI	Y061	PO	NA19122	F	NA19123	M	R,A
YRI	Y077	PO	NA19127	F	NA19129	F	R,A
YRI	Y077	PO	NA19128	M	NA19129	F	R,A
YRI	Y101	PO	NA19130	M	NA19132	F	R,A
YRI	Y101	PO	NA19131	F	NA19132	F	R,A
YRI	Y043	PO	NA19137	F	NA19139	M	R,A
YRI	Y043	PO	NA19138	M	NA19139	M	R,A
YRI	Y071	PO	NA19140	F	NA19142	M	R,A
YRI	Y071	PO	NA19141	M	NA19142	M	R,A
YRI	Y075	PO	NA19146	M	NA19148	F	R,A
YRI	Y075	PO	NA19147	F	NA19148	F	R,A
YRI	Y073	PO	NA19149	F	NA19151	F	R,A
YRI	Y073	PO	NA19150	M	NA19151	F	R,A
YRI	Y072	PO	NA19152	F	NA19154	M	R,A

Population	Family Number	Parent/Offspring (PO), Full Siblings (FS), or Avuncular (AV)	First Individual		Second Individual		Support for Inference: RELPARI (R) or Allele-Sharing (A)
			Identification Number	Sex	Identification Number	Sex	
YRI	Y072	PO	NA19153	M	NA19154	M	R,A
YRI	Y056	PO	NA19159	F	NA19161	M	R,A
YRI	Y056	PO	NA19160	M	NA19161	M	R,A
YRI	Y047	PO	NA19171	M	NA19173	M	R,A
YRI	Y047	PO	NA19172	F	NA19173	M	R,A
YRI	Y100	PO	NA19117	M	NA19174	M	R,A
YRI	Y100	PO	NA19118	F	NA19174	M	R,A
YRI	Y038	PO	NA19178	M	NA19180	F	R,A
YRI	Y038	PO	NA19179	F	NA19180	F	R,A
YRI	Y052	PO	NA19181	M	NA19183	F	R,A
YRI	Y052	PO	NA19182	F	NA19183	F	R,A
YRI	Y039	PO	NA19184	M	NA19186	M	R,A
YRI	Y039	PO	NA19185	F	NA19186	M	R,A
YRI	Y111	PO	NA19189	M	NA19191	M	R,A
YRI	Y111	PO	NA19190	F	NA19191	M	R,A
YRI	Y112	PO	NA19192	M	NA19194	M	R,A
YRI	Y112	PO	NA19193	F	NA19194	M	R,A
YRI	Y035	PO	NA19197	F	NA19199	F	R,A
YRI	Y035	PO	NA19198	M	NA19199	F	R,A
YRI	Y045	PO	NA19200	M	NA19202	F	R,A
YRI	Y045	PO	NA19201	F	NA19202	F	R,A
YRI	Y051	PO	NA19206	F	NA19208	M	R,A
YRI	Y051	PO	NA19207	M	NA19208	M	R,A
YRI	Y050	PO	NA19209	F	NA19211	M	R,A
YRI	Y050	PO	NA19210	M	NA19211	M	R,A
YRI	Y110	PO	NA19213	M	NA19215	F	R,A
YRI	Y110	PO	NA19214	F	NA19215	F	R,A
YRI	Y058	PO	NA19222	F	NA19221	F	R,A
YRI	Y058	PO	NA19223	M	NA19221	F	R,A
YRI	Y057	PO	NA19225	F	NA19224	M	R,A
YRI	Y057	PO	NA19226	M	NA19224	M	R,A
YRI	Y116	PO	NA19235	F	NA19237	F	R,A
YRI	Y116	PO	NA19236	M	NA19237	F	R,A
YRI	Y117	PO	NA19238	F	NA19240	F	R,A
YRI	Y117	PO	NA19239	M	NA19240	F	R,A
YRI	Y120	PO	NA19247	F	NA19249	M	R,A
YRI	Y120	PO	NA19248	M	NA19249	M	R,A
YRI	Y025	PO	NA18907	F	NA19252	M	R,A
YRI	Y092	PO	NA19256	M	NA19258	M	R,A
YRI	Y092	PO	NA19257	F	NA19258	M	R,A
YRI	-	PO	NA19238	F	NA18913	M	R,A
YRI	-	AV	NA19192	M	NA19130	M	R,A

* Two HapMap-reported PO pairs were not inferred as PO by RELPAIR for some of the 25 SNP panels analyzed: NA12874 and NA12865 (CEU) were inferred from one SNP panel as GG; NA12889 and NA12877 (CEU) were inferred from three SNP panels as GG.

Table S2. 25 Previously Unreported Parent/Offspring Pairs in Release 3 of Phase III of the HapMap

Population	First Individual			Second Individual			Support for Inference: RELPPAIR (R) or Allele Sharing (A)
	Identification Number	Sex	Parent (P) or Uncertain (U)	Identification Number	Sex	Offspring (O) or Uncertain (U)	
CHD	NA17976	M	U	NA18116	F	U	R, A
GIH	NA20882	F	P	NA20900	F	O	R, A
GIH	NA20891	M	P	NA20900	F	O	R, A
GIH	NA20910	F	U	NA20909	M	U	R, A
LWK	NA19381	F	U	NA19382	M	U	R, A
LWK	NA19432	F	P	NA19434	F	O	R, A
LWK	NA19432	F	P	NA19444	M	O	R, A
LWK	NA19470	F	P	NA19469	F	O	R, A
MKK	NA21314	M	P	NA21311	M	O	R, A
MKK	NA21314	M	P	NA21312	M	O	R, A
MKK	NA21320	F	P	NA21314	M	O	R, A
MKK	NA21363	F	U	NA21415	F	U	R, A
MKK	NA21387	M	P	NA21384	M	O	R, A
MKK	NA21388	F	P	NA21384	M	O	R, A
MKK	NA21488	M	P	NA21475	M	O	R, A
MKK	NA21489	F	P	NA21475	M	O	R, A
MKK	NA21522	M	P	NA21370	M	O	R, A
MKK	NA21522	M	P	NA21682	M	O	R, A
MKK	NA21574	F	U	NA21575	M	U	R, A
MXL	NA19660	F	P	NA19685	M	O	R, A
MXL	NA19661	M	P	NA19685	M	O	R, A
MXL	NA19678	F	P	NA19675	F	O	R, A
MXL	NA19679	M	P	NA19675	F	O	R, A
YRI	NA19105	F	P	NA18862	M	O	R, A
YRI	NA19195	M	U	NA19196	F	U	R, A

Table S3. 33 Previously Unreported Full Sibling Pairs in Release 3 of Phase III of the HapMap

Population	First Individual		Second Individual		Support for Inference: RELPAIR (R) or Allele Sharing (A)
	Identification Number	Sex	Identification Number	Sex	
ASW	NA19713	F	NA19985	F	R , A
ASW	NA20289	F	NA20341	F	R , A
ASW	NA20334	F	NA20336	F	R , A
CHD	NA17981	F	NA17986	M	R , A
GIH	NA20874	F	NA20879	F	R , A
LWK	NA19046	M	NA19045	M	R , A
LWK	NA19352	M	NA19347	M	R , A
LWK	NA19374	M	NA19373	M	R , A
LWK	NA19397	M	NA19396	F	R , A
LWK	NA19434	F	NA19444	M	R , A
LWK	NA19470	F	NA19443	M	R , A
MKK	NA21301	M	NA21344	M	R , A
MKK	NA21316	M	NA21318	M	R , A
MKK	NA21357	F	NA21509	M	R , A
MKK	NA21378	M	NA21493	F	R , A
MKK	NA21384	M	NA21389	M	R , A
MKK	NA21399	M	NA21402	M	R , A
MKK	NA21405	M	NA21399	M	R , A
MKK	NA21405	M	NA21402	M	R , A
MKK	NA21424	F	NA21596	M	R , A
MKK	NA21490	M	NA21475	M	R , A
MKK	NA21520	M	NA21613	F	R , A
MKK	NA21523	M	NA21365	F	R , A
MKK	NA21528	M	NA21587	M	R , A
MKK	NA21573	M	NA21577	M	R , A
MKK	NA21678	M	NA21635	F	R , A
MKK	NA21683	F	NA21457	F	R , A
MXL	NA19660	F	NA19672	F	R , A
MXL	NA19662	F	NA19685	M	R , A
MXL	NA19675	F	NA19680	F	R , A
YRI	NA19153	M	NA19104	M	R , A
YRI	NA19184	M	NA19166	F	R , A
YRI	NA19213	M	NA19254	F	R , A

Table S4. 118 Previously Unreported Second-Degree Relative Pairs in Release 3 of Phase III of the HapMap

Population	First Individual				Second Individual				Support for Inference: RELPpair (R) or Allele Sharing (A)
	Identification Number	Sex	Half Sib (H), Aunt or Uncle (A), Niece or Nephew (N), Grandparent (G), Grandchild (C), or Uncertain (U)	Identification Number	Sex	Half Sib (H), Aunt or Uncle (A), Niece or Nephew (N), Grandparent (G), Grandchild (C), or Uncertain (U)	Identification Number	Sex	
ASW	NA19713	F	A	NA19714	F	N			R
ASW	NA19983	F	N	NA19985	F	A			R*
ASW	NA20279	M	H	NA20284	M	H			R
ASW	NA20282	F	A	NA20302	M	N			R*
ASW	NA20290	F	N	NA20341	F	A			R
ASW	NA20301	F	A	NA20279	M	N			R
ASW	NA20301	F	A	NA20284	M	N			R
ASW	NA20335	M	N	NA20336	F	A			R
ASW	NA20337	F	N	NA20334	F	A			R
ASW	NA20343	M	U	NA20332	F	U			R
ASW	NA20344	F	A	NA20350	M	N			R
ASW	NA20349	M	A	NA20345	M	N			R*
ASW	NA20359	F	A	NA20363	F	N			R
ASW	NA20363	F	H	NA20347	M	H			R
CEU	NA06997	F	N	NA12813	F	A			R
CEU	NA07045	F	A	NA12801	M	N			R
CHD	NA18150	F	U	NA17980	M	U			R
GIH	NA20907	F	N	NA20891	M	A			R
LWK	NA19027	M	U	NA19311	M	U			R
LWK	NA19334	M	U	NA19313	F	U			R
LWK	NA19380	M	H	NA19382	M	H			R
LWK	NA19443	M	A	NA19469	F	N			R
MKK	NA21295	M	U	NA21304	M	U			R
MKK	NA21300	F	H	NA21617	F	H			R
MKK	NA21300	F	G	NA21520	M	C			R*
MKK	NA21300	F	G	NA21613	F	C			R
MKK	NA21301	M	A	NA21366	M	N			R*
MKK	NA21302	F	N	NA21344	M	A			R*
MKK	NA21308	F	H	NA21517	F	H			R
MKK	NA21312	M	H	NA21311	M	H			R*
MKK	NA21312	M	U	NA21370	M	U			R
MKK	NA21312	M	U	NA21617	F	U			R
MKK	NA21313	M	C	NA21314	M	G			R
MKK	NA21317	M	N	NA21318	M	A			R
MKK	NA21320	F	H	NA21523	M	H			R*
MKK	NA21320	F	H	NA21365	F	H			R
MKK	NA21320	F	G	NA21311	M	C			R
MKK	NA21320	F	G	NA21312	M	C			R*
MKK	NA21362	F	H	NA21438	F	H			R*
MKK	NA21367	M	H	NA21314	M	H			R
MKK	NA21378	M	C	NA21448	M	G			R
MKK	NA21379	F	N	NA21308	F	A			R
MKK	NA21382	F	N	NA21387	M	A			R
MKK	NA21386	F	C	NA21387	M	G			R
MKK	NA21386	F	C	NA21388	F	G			R
MKK	NA21386	F	N	NA21389	M	A			R*
MKK	NA21391	F	H	NA21421	F	H			R
MKK	NA21401	M	N	NA21402	M	A			R*

Population	First Individual			Second Individual			Support for Inference: RELPAlR (R) or Allele Sharing (A)
	Identification Number	Sex	Half Sib (H), Aunt or Uncle (A), Niece or Nephew (N), Grandparent (G), Grandchild (C), or Uncertain (U)	Identification Number	Sex	Half Sib (H), Aunt or Uncle (A), Niece or Nephew (N), Grandparent (G), Grandchild (C), or Uncertain (U)	
MKK	NA21404	F	N	NA21399	M	A	R*
MKK	NA21405	M	A	NA21404	F	N	R*
MKK	NA21405	M	A	NA21401	M	N	R
MKK	NA21408	M	U	NA21450	M	U	R
MKK	NA21414	M	U	NA21351	M	U	R
MKK	NA21414	M	U	NA21352	M	U	R
MKK	NA21420	M	U	NA21524	F	U	R
MKK	NA21421	F	U	NA21485	M	U	R
MKK	NA21423	M	A	NA21447	M	N	R
MKK	NA21435	M	H	NA21825	F	H	R
MKK	NA21435	M	U	NA21647	M	U	R
MKK	NA21448	M	G	NA21493	F	C	R
MKK	NA21453	M	U	NA21493	F	U	R\$
MKK	NA21453	M	U	NA21378	M	U	R\$
MKK	NA21453	M	H	NA21448	M	H	R
MKK	NA21453	M	A	NA21450	M	N	R
MKK	NA21477	M	C	NA21488	M	G	R
MKK	NA21477	M	C	NA21489	F	G	R
MKK	NA21477	M	N	NA21490	M	A	R
MKK	NA21479	F	H	NA21685	M	H	R
MKK	NA21488	M	U	NA21478	M	U	R
MKK	NA21488	M	U	NA21485	M	U	R
MKK	NA21494	F	H	NA21682	M	H	R
MKK	NA21494	F	H	NA21370	M	H	R
MKK	NA21494	F	N	NA21378	M	A	R*
MKK	NA21519	M	G	NA21678	M	C	R*
MKK	NA21519	M	G	NA21318	M	C	R
MKK	NA21519	M	G	NA21316	M	C	R
MKK	NA21519	M	G	NA21635	F	C	R
MKK	NA21522	M	H	NA21587	M	H	R*
MKK	NA21523	M	A	NA21366	M	N	R
MKK	NA21525	M	N	NA21365	F	A	R*
MKK	NA21528	M	H	NA21522	M	H	R
MKK	NA21576	F	G	NA21357	F	C	R*
MKK	NA21576	F	G	NA21509	M	C	R
MKK	NA21583	M	U	NA21352	M	U	R
MKK	NA21596	M	A	NA21425	F	N	R
MKK	NA21599	M	U	NA21521	M	U	R
MKK	NA21615	F	U	NA21512	M	U	R
MKK	NA21616	M	N	NA21307	M	A	R
MKK	NA21617	F	U	NA21520	M	U	R\$
MKK	NA21617	F	U	NA21613	F	U	R\$
MKK	NA21617	F	U	NA21370	M	U	R
MKK	NA21634	M	U	NA21647	M	U	R
MKK	NA21634	M	U	NA21435	M	U	R
MKK	NA21635	F	H	NA21619	M	H	R*
MKK	NA21678	M	H	NA21619	M	H	R
MKK	NA21678	M	A	NA21636	F	N	R
MKK	NA21682	M	H	NA21370	M	H	R
MKK	NA21686	F	A	NA21520	M	N	R

Population	First Individual			Second Individual			Support for Inference: RELPAIR (R) or Allele Sharing (A)
	Identification Number	Sex	Relationship	Identification Number	Sex	Relationship	
MKK	NA21686	F	A	NA21613	F	N	R
MKK	NA21716	M	A	NA21741	M	N	R
MKK	NA21719	M	U	NA21620	F	U	R
MKK	NA21733	F	H	NA21723	F	H	R
MXL	NA19660	F	G	NA19686	F	C	R
MXL	NA19660	F	A	NA19664	M	N	R
MXL	NA19661	M	G	NA19686	F	C	R
MXL	NA19662	F	A	NA19686	F	N	R
MXL	NA19672	F	A	NA19662	F	N	R
MXL	NA19672	F	A	NA19685	M	N	R
MXL	NA19672	F	A	NA19664	M	N	R
MXL	NA19678	F	G	NA19677	F	C	R*
MXL	NA19679	M	G	NA19677	F	C	R*
MXL	NA19680	F	A	NA19677	F	N	R
YRI	NA18863	M	C	NA19105	F	G	R
YRI	NA19154	M	N	NA19104	M	A	R
YRI	NA19186	M	N	NA19166	F	A	R
YRI	NA19215	F	U	NA19254	F	U	R
YRI	NA19238	F	G	NA18914	M	C	R
YRI	NA19240	F	H	NA18913	M	H	R

* The relationship shown in the table was changed from that inferred by RELPAIR based on constructed pedigree(s).

§ The relationship type is uncertain, as the relationships inferred by RELPAIR and the relationships based on the constructed pedigree(s) are inconsistent. Consequently, no clear relationship type could be assigned based on the available information.

R

Table S5. 5 Previously Unreported Parent/Parent/Offspring Trios in Release 3 of Phase III of the HapMap

Population	Identification Number of Father	Identification Number of Mother	Identification Number of Offspring	Support for Inference: RELPAIR (R) or Allele Sharing (A)
GIH	NA20891	NA20882	NA20900	R , A
MKK	NA21387	NA21388	NA21384	R , A
MKK	NA21488	NA21489	NA21475	R , A
MXL	NA19661	NA19660	NA19685	R , A
MXL	NA19679	NA19678	NA19675	R , A

Four of these trios are part of families with two parents and two offspring: Parents NA19678 and NA19679 are part of Trio M009 with offspring NA19680; parents NA19660 and NA19661 are part of Trio M008 with offspring NA19662; parents NA21387 and NA21388 are part of Trio 2585 with offspring NA21389; parents NA21488 and NA21489 are part of Trio 2619 with offspring NA21490. In all four cases, both of the offspring of each of these parents were inferred as full siblings by RELPAIR.

Table S6. The 236 Individuals in HAP1397 but Not in HAP1161, Which Excludes First-Degree Relationships

Population	Family ID	Identification Number	Sex
ASW	2367	NA19702	M
ASW	2368	NA19705	M
ASW	2418	NA19828	M
ASW	2424	NA19836	F
ASW	2425	NA19902	F
ASW	2427	NA19919	M
ASW	2430	NA19915	M
ASW	2431	NA19918	M
ASW	2433	NA19921	F
ASW	2436	NA19983	F
ASW	2437	NA19985	F
ASW	2446	NA20128	F
ASW	2466	NA20277	F
ASW	2469	NA20282	F
ASW	2470	NA20288	M
ASW	2471	NA20289	F
ASW	2472	NA20291	M
ASW	2474	NA20295	M
ASW	2477	NA20301	F
ASW	2480	NA20319	F
ASW	2483	NA20333	F
ASW	2484	NA20334	F
ASW	2485	NA20337	F
ASW	2488	NA20343	M
ASW	2489	NA20345	M
ASW	2490	NA20346	M
ASW	2492	NA20349	M
ASW	2494	NA20358	M
ASW	2495	NA20359	F
ASW	2496	NA20363	F
CEU	1330	NA12335	M
CEU	1330	NA12336	F
CEU	1334	NA10846	M
CEU	1334	NA10847	F
CEU	1340	NA07029	M
CEU	1341	NA06991	F
CEU	1345	NA07348	F
CEU	1345	NA07349	M
CEU	1346	NA12045	M
CEU	1347	NA10859	F
CEU	1349	NA10853	M
CEU	1349	NA10854	F
CEU	1350	NA10855	F
CEU	1350	NA10856	M
CEU	1353	NA12376	F
CEU	1353	NA12383	F
CEU	1354	NA12386	F
CEU	1358	NA12707	M
CEU	1358	NA12708	F
CEU	1362	NA10861	F
CEU	1375	NA10863	F
CEU	1377	NA10864	F
CEU	1377	NA10865	M
CEU	1408	NA10831	F
CEU	1408	NA12154	M
CEU	1416	NA10835	M
CEU	1418	NA10837	M
CEU	1418	NA12275	F
CEU	1420	NA10839	F

Population	Family ID	Identification Number	Sex
CEU	1420	NA12003	M
CEU	1421	NA10840	F
CEU	1423	NA10843	F
CEU	1424	NA10845	M
CEU	1444	NA12739	M
CEU	1444	NA12740	F
CEU	1447	NA12752	M
CEU	1447	NA12753	F
CEU	1451	NA12766	M
CEU	1451	NA12767	F
CEU	1454	NA12801	M
CEU	1454	NA12802	F
CEU	1456	NA12817	M
CEU	1456	NA12818	F
CEU	1458	NA12832	F
CEU	1459	NA12864	M
CEU	1459	NA12865	F
CEU	1463	NA12877	M
CEU	1463	NA12878	F
CEU	13281	NA12344	M
CEU	13291	NA06995	M
CEU	13291	NA06997	F
CEU	13291	NA07045	F
CEU	13292	NA07014	F
CHD	-	NA17976	M
CHD	-	NA17981	F
GIH	-	NA20879	F
GIH	-	NA20900	F
GIH	-	NA20909	M
LWK	-	NA19046	M
LWK	-	NA19347	M
LWK	-	NA19374	M
LWK	-	NA19382	M
LWK	-	NA19396	F
LWK	-	NA19432	F
LWK	-	NA19434	F
LWK	-	NA19470	F
MKK	-	NA21737	M
MKK	2563	NA21302	F
MKK	2565	NA21309	F
MKK	2567	NA21313	M
MKK	2568	NA21314	M
MKK	2569	NA21317	M
MKK	2570	NA21318	M
MKK	2575	NA21344	M
MKK	2575	NA21365	F
MKK	2579	NA21361	F
MKK	2583	NA21383	M
MKK	2584	NA21384	M
MKK	2584	NA21386	F
MKK	2585	NA21389	M
MKK	2587	NA21401	M
MKK	2588	NA21402	M
MKK	2588	NA21404	F
MKK	2589	NA21405	M
MKK	2593	NA21415	F
MKK	2596	NA21424	F
MKK	2596	NA21425	F
MKK	2600	NA21410	M
MKK	2602	NA21439	M
MKK	2603	NA21442	M

Population	Family ID	Identification Number	Sex
MKK	2608	NA21455	F
MKK	2609	NA21457	F
MKK	2614	NA21475	M
MKK	2614	NA21477	M
MKK	2615	NA21480	F
MKK	2618	NA21487	F
MKK	2619	NA21490	M
MKK	2621	NA21493	F
MKK	2621	NA21522	M
MKK	2633	NA21525	M
MKK	2634	NA21527	M
MKK	2635	NA21528	M
MKK	2636	NA21509	M
MKK	2637	NA21514	M
MKK	2638	NA21613	F
MKK	2653	NA21574	F
MKK	2655	NA21577	M
MKK	2664	NA21601	F
MKK	2666	NA21608	M
MKK	2674	NA21636	F
MKK	2677	NA21648	M
MKK	2689	NA21678	M
MKK	2699	NA21718	M
MXL	2382	NA19672	F
MXL	M001	NA19649	M
MXL	M002	NA19671	F
MXL	M004	NA19675	F
MXL	M004	NA19677	F
MXL	M005	NA19653	F
MXL	M006	NA19656	F
MXL	M007	NA19659	F
MXL	M008	NA19662	F
MXL	M009	NA19680	F
MXL	M010	NA19683	F
MXL	M011	NA19685	M
MXL	M011	NA19686	F
MXL	M012	NA19665	F
MXL	M014	NA19718	F
MXL	M015	NA19721	F
MXL	M016	NA19724	M
MXL	M017	NA19727	M
MXL	M023	NA19748	F
MXL	M024	NA19751	M
MXL	M026	NA19757	M
MXL	M027	NA19760	F
MXL	M028	NA19763	F
MXL	M031	NA19772	M
MXL	M032	NA19787	M
MXL	M033	NA19775	F
MXL	M034	NA19778	M
MXL	M035	NA19781	F
MXL	M036	NA19784	M
MXL	M037	NA19790	F
MXL	M039	NA19796	M
YRI	Y001	NA18484	F
YRI	Y002	NA18485	M
YRI	Y003	NA18497	M
YRI	Y004	NA18500	M
YRI	Y005	NA18503	M
YRI	Y006	NA19109	F
YRI	Y007	NA18869	M

Population	Family ID	Identification Number	Sex
YRI	Y009	NA18506	M
YRI	Y010	NA18511	F
YRI	Y012	NA18860	M
YRI	Y013	NA18515	M
YRI	Y014	NA18518	F
YRI	Y016	NA18521	M
YRI	Y017	NA18872	M
YRI	Y018	NA18854	M
YRI	Y019	NA18875	F
YRI	Y023	NA18855	F
YRI	Y024	NA18863	M
YRI	Y025	NA18907	F
YRI	Y027	NA18911	M
YRI	Y028	NA18913	M
YRI	Y028	NA18914	M
YRI	Y030	NA18930	F
YRI	Y033	NA18925	M
YRI	Y035	NA19199	F
YRI	Y036	NA18935	M
YRI	Y038	NA19180	F
YRI	Y039	NA19184	M
YRI	Y039	NA19186	M
YRI	Y040	NA19094	F
YRI	Y041	NA19097	F
YRI	Y042	NA19103	M
YRI	Y043	NA19139	M
YRI	Y045	NA19202	F
YRI	Y047	NA19173	M
YRI	Y050	NA19211	M
YRI	Y051	NA19208	M
YRI	Y052	NA19183	F
YRI	Y056	NA19161	M
YRI	Y057	NA19224	M
YRI	Y058	NA19221	F
YRI	Y060	NA19120	M
YRI	Y061	NA19123	M
YRI	Y062	NA19254	F
YRI	Y071	NA19142	M
YRI	Y072	NA19154	M
YRI	Y073	NA19151	F
YRI	Y075	NA19148	F
YRI	Y077	NA19129	F
YRI	Y079	NA19115	F
YRI	Y080	NA19104	M
YRI	Y080	NA19105	F
YRI	Y092	NA19258	M
YRI	Y100	NA19174	M
YRI	Y101	NA19132	F
YRI	Y108	NA19196	F
YRI	Y110	NA19215	F
YRI	Y111	NA19191	M
YRI	Y112	NA19194	M
YRI	Y116	NA19237	F
YRI	Y117	NA19240	F
YRI	Y120	NA19249	M

Table S7. The 44 Individuals in HAP1161 But Not in HAP1117, Which Excludes Both First- and Second-Degree Relationships

Population	Family ID	Identification Number	Sex
ASW	2437	NA19714	F
ASW	2467	NA20279	M
ASW	2471	NA20290	F
ASW	2485	NA20336	F
ASW	2492	NA20350	M
CHD	-	NA17980	M
GIH	-	NA20891	M
LWK	-	NA19027	M
LWK	-	NA19313	F
LWK	-	NA19469	F
MKK	-	NA21733	F
MKK	-	NA21741	M
MKK	2561	NA21351	M
MKK	2564	NA21304	M
MKK	2565	NA21308	F
MKK	2567	NA21312	M
MKK	2567	NA21362	F
MKK	2571	NA21320	F
MKK	2571	NA21685	M
MKK	2575	NA21366	M
MKK	2576	NA21352	M
MKK	2581	NA21370	M
MKK	2583	NA21382	F
MKK	2590	NA21408	M
MKK	2595	NA21420	M
MKK	2595	NA21421	F
MKK	2601	NA21435	M
MKK	2602	NA21447	M
MKK	2606	NA21448	M
MKK	2608	NA21453	M
MKK	2613	NA21519	M
MKK	2619	NA21488	M
MKK	2621	NA21494	F
MKK	2629	NA21520	M
MKK	2632	NA21521	M
MKK	2637	NA21512	M
MKK	2654	NA21576	F
MKK	2667	NA21616	M
MKK	2667	NA21617	F
MKK	2668	NA21619	M
MKK	2674	NA21634	M
MKK	2700	NA21719	M
MXL	M008	NA19660	F
YRI	Y112	NA19192	M