Table S4. Pairwise *p* values of linkage disequilibrium test in male samples for all pairs of loci (DXS or GATA were removed from the beginning of the STR names)

	NP	**G**	**SP**	**Ca**	**CP**	**BA**	**M**	**RN**	**CR**	**An**	**RJ**	**Pa**	**Co**	**MG**	**ER**
STR Pair	n=212	n=93	n=102	n=87	n=100	n=192	n=22	n=23	n=209	n=114	n=55	n=103	n=66	n=100	n=14
8378/9898	0.084	0.174	0.606	0.796	0.520	0.042	0.998	0.091	0.606	0.998	0.243	0.228	0.046	0.987	0.777
8378/7133	0.160	0.007	0.216	0.733	0.033	0.916	0.665	0.676	0.712	0.222	0.862	0.057	0.644	0.253	0.253
9898/7133	0.664	0.539	0.730	0.808	0.379	0.067	0.199	0.351	0.715	0.636	0.136	0.150	0.948	0.051	0.288
8378/31E08	0.838	0.005	0.066	0.455	0.219	0.508	0.768	0.900	0.089	0.687	0.131	0.169	0.723	0.314	0.694
9898/31E08	0.805	0.887	0.383	0.982	0.988	0.704	0.961	0.503	0.339	0.516	0.459	0.011	0.417	0.005	0.790
7133/31E08	0.358	0.006	0.035	0.144	0.123	0.581	1.000	0.612	0.579	0.122	0.693	0.573	0.160	0.068	0.639
8378/172D05	0.085	0.695	0.226	0.917	0.218	0.181	0.649	0.622	0.734	0.347	0.757	0.037	0.952	0.490	0.351
9898/172D05	0.873	0.133	0.461	0.718	0.902	0.319	0.777	0.203	0.300	0.889	0.985	0.841	0.403	0.395	0.620
7133/172D05	0.805	0.969	0.149	0.668	0.821	0.793	0.442	0.716	0.001	0.048	0.412	0.209	0.068	0.054	0.762
31E08/172D05	0.207	0.345	0.395	0.603	0.187	0.718	0.957	0.858	0.953	0.872	0.804	0.239	0.310	0.843	0.490
8378/7423	0.441	0.398	0.853	0.059	0.548	0.684	0.516	0.905	0.154	0.943	0.898	0.359	0.404	0.327	0.084
9898/7423	0.958	0.098	0.645	0.639	0.376	0.633	0.543	0.379	0.704	0.335	0.707	0.011	0.470	0.512	0.222
7133/7423	0.712	0.448	0.358	0.002	0.296	0.876	0.349	0.943	0.224	0.876	0.357	0.657	0.192	0.390	0.891
31E08/7423	0.077	0.635	0.808	0.020	0.721	0.942	1.000	0.841	0.437	0.817	0.653	0.311	0.792	0.876	0.927
172D05/7423	0.089	0.029	0.146	0.067	0.671	0.074	0.556	0.750	0.037	0.425	0.055	0.735	0.079	0.955	0.753
8378/6809	0.590	0.036	0.005	0.661	0.180	0.671	0.994	0.345	0.329	0.902	0.144	0.402	0.867	0.741	0.246
9898/6809	0.841	0.689	0.114	0.468	0.356	0.352	0.012	0.013	0.115	0.017	0.380	0.860	0.252	0.984	0.412
7133/6809	0.919	0.182	0.297	0.280	0.967	0.061	0.466	0.063	0.364	0.820	0.149	0.617	0.685	0.453	0.042
31E08/6809	0.517	0.995	0.613	0.115	0.314	0.701	0.835	0.558	0.388	0.997	0.531	0.842	0.925	0.527	0.681
172D05/6809	0.733	0.764	0.007	0.836	0.775	0.391	0.011	0.666	0.557	0.319	0.840	0.044	0.043	0.013	0.758
7423/6809	0.231	0.763	0.743	0.420	0.383	0.221	0.585	0.064	0.016	0.557	0.110	0.232	0.661	0.147	0.481
8378/7132	0.288	0.242	0.937	0.349	0.450	0.723	0.443	0.446	0.680	0.538	0.587	0.956	0.065	0.735	0.798
9898/7132	0.885	0.309	0.203	0.568	0.234	0.810	0.916	0.974	0.462	0.106	0.925	0.870	0.300	0.880	0.942
7133/7132	0.926	0.275	0.699	0.044	0.530	0.554	0.752	0.793	0.010	0.226	0.217	0.390	0.331	0.169	0.445
31E08/7132	0.139	0.477	0.900	0.919	0.008	0.243	0.172	0.658	0.581	0.721	0.227	0.504	0.800	0.676	0.684
172D05/7132	0.479	0.273	0.991	0.364	0.472	0.924	0.819	0.397	0.078	0.593	0.590	0.380	0.794	0.428	0.923
7423/7132	0.739	0.784	0.580	0.948	0.314	0.131	0.627	0.943	0.971	0.250	0.316	0.925	0.315	0.022	0.579
6809/7132	0.146	0.617	0.382	0.856	0.845	0.608	0.439	0.969	0.333	0.717	0.953	0.327	0.834	0.488	0.720
8378/9902	0.088	0.367	0.647	0.042	0.647	0.558	0.544	0.059	0.295	0.218	0.068	0.890	0.026	0.872	0.925
9898/9902	0.674	0.166	0.459	0.113	0.740	0.610	0.653	1.000	0.811	0.292	0.608	0.090	0.578	0.804	0.780
7133/9902	0.252	0.029	0.900	0.134	0.945	0.005	0.808	0.155	0.011	0.718	0.487	0.750	0.086	0.767	0.197
31E08/9902	0.574	0.685	0.431	0.132	0.749	0.045	0.098	0.748	0.391	0.955	0.021	0.302	0.963	0.921	0.528
172D05/9902	0.098	0.118	0.641	0.587	0.212	0.208	0.614	0.305	0.840	0.373	0.247	0.414	0.160	0.605	0.883
7423/9902	0.843	0.959	0.698	0.957	0.938	0.939	0.932	0.122	0.091	0.992	0.174	0.459	0.271	0.695	0.854
6809/9902	0.466	0.953	0.740	0.511	0.777	0.602	0.435	0.571	0.968	0.684	0.750	0.233	0.559	0.179	0.083
7132/9902	0.891	0.032	0.963	0.612	0.613	0.359	0.176	0.445	0.683	0.996	0.706	0.637	0.068	0.999	0.120
8378/6789	0.310	0.808	0.265	0.993	0.959	0.633	0.874	0.514	0.938	0.026	0.007	0.077	0.425	0.004	0.573
9898/6789	0.108	0.058	0.411	0.106	0.177	0.610	0.180	0.265	0.081	0.466	0.206	0.724	0.114	0.222	0.936
7133/6789	0.239	0.886	0.133	0.247	0.864	0.466	0.166	0.721	**0.000***	0.815	0.460	0.364	0.576	0.171	0.560
31E08/6789	0.992	0.110	0.332	0.699	0.744	0.968	0.626	0.963	0.873	0.053	0.162	0.637	1.000	0.040	0.062
172D05/6789	0.539	0.118	0.548	0.246	0.329	0.566	0.192	0.129	0.147	0.318	0.029	0.083	0.886	0.020	0.942
7423/6789	0.789	0.001	0.655	0.170	0.303	0.005	0.358	0.982	0.164	0.838	0.422	0.815	0.150	0.475	0.887
6809/6789	0.682	0.418	0.223	0.301	0.037	0.244	0.068	0.593	0.041	0.140	0.201	0.072	0.123	0.004	0.639
7132/6789	0.366	0.056	0.918	0.783	0.685	0.265	0.994	0.691	0.054	0.089	0.402	0.058	0.031	0.514	0.392
9902/6789	0.005	0.764	0.875	0.479	0.189	0.248	0.351	0.595	0.080	0.944	0.324	0.772	0.847	0.751	0.885

NP: Northern Portugal; **G:** Galicia (Spain); **SP:** São Paulo (Brazil); **Ca:** Cantabria (Spain); **CP:** Central Portugal; **BA:** Buenos Aires (Argentina); **M:** Misiones (Argentina); **RN:** Rio Negro (Argentina); **CR:** Costa Rica; **An:** Antioquia (Colombia); **RJ:** Rio de Janeiro (Brazil); **Pa:** Paraná (Brazil); **Co:** Córdoba (Argentina); **MG:** Mato Grosso do Sul (Brazil); **ER:** Entre Ríos (Argentina). *****Significant for a significant level of 0.0011