

Supplementary Table 2

ID	First Author	Year	Country	N	Diagnostic method	Genotype counts						Allele frequency		
						AA	AS	SS	AC	SC	CC	A	S	C
Sub-Saharan Africa														
1	McGann	2013	Angola	36,453	IEF	28,209	7,666	550	21	7	0	0.879	0.120	0.0004
2	Kafando	2005	Burkina Faso	2,341	IEF	1,702	171	14	395	27	32	0.848	0.048	0.1038
3	Moreno	1994	Burundi	260	IEF	238	22	0	/	/	/	0.958	0.042	/
4	Moreno	1994	Burundi	82	IEF	60	20	2	/	/	/	0.854	0.146	/
5	Moreno	1994	Burundi	40	IEF	32	8	0	/	/	/	0.900	0.100	/
	Moreno	1994	Burundi	382	IEF	330	50	2	/	/	/	0.929	0.071	/
6	Mutesa	2007	Burundi	637	ELISA	608	28	1	0	0	0	0.976	0.024	0.0000
7	Le Hesran	1999	Cameroon	156	Electrophoresis	118	34	4	/	/	/	0.865	0.135	/
8	Diallo	2008	Congo	1,186	IEF	952	225	9	/	/	/	0.898	0.102	/
9	Van Baelen	1969	DRC	500	Electrophoresis	367	120	13	/	/	/	0.854	0.146	/
10	Lallemant	1986	DRC	146	IEF	118	27	1	/	/	/	0.901	0.099	/
11	Mutesa	2007	DRC	84	ELISA	78	4	0	2	0	0	0.964	0.024	0.0119
12	Tshilolo	2008	DRC	4,116	IEF	3,182	838	96	0	0	0	0.875	0.125	0.0000
13	Tshilolo	2009	DRC	70	IEF	64	6	0	0	0	0	0.957	0.043	0.0000
14	Tshilolo	2009	DRC	579	IEF	473	100	6	0	0	0	0.903	0.097	0.0000
15	Tshilolo	2009	DRC	717	IEF	609	102	6	0	0	0	0.921	0.079	0.0000
16	Tshilolo	2009	DRC	559	IEF	440	110	9	0	0	0	0.886	0.114	0.0000
17	Tshilolo	2009	DRC	932	IEF	791	130	11	0	0	0	0.918	0.082	0.0000
18	Tshilolo	2009	DRC	1,016	IEF	819	179	18	0	0	0	0.894	0.106	0.0000
19	Tshilolo	2009	DRC	3,069	IEF	2,491	527	51	0	0	0	0.898	0.102	0.0000
20	Tshilolo	2009	DRC	4,217	IEF	3,449	713	55	0	0	0	0.902	0.098	0.0000
21	Tshilolo	2009	DRC	10,445	IEF	8,554	1,756	135	0	0	0	0.903	0.097	0.0000
22	Tshilolo	2009	DRC	9,600	IEF	7,810	1,653	137	0	0	0	0.900	0.100	0.0000
	Tshilolo^z	2009	DRC	31,204	IEF	25,500	5,276	428	0	0	0	0.902	0.098	0.0000
23	Agasa	2010	DRC	520	IEF	394	121	5	/	/	/	0.874	0.126	/
24	Richard-Lenoble	1980	Gabon	96	Electrophoresis	86	8	2	/	/	/	0.938	0.063	/
25	Ohene-Frempong	Pers.com.	Ghana	343,355	IEF	259,660	45,812	3,186	30,253	2,807	1,637	0.867	0.080	0.0529
26	Williams	Pers.com.	Kenya	15,444	PCR	12,984	2,335	125	/	/	/	0.916	0.084	/
27	Diallo	2008	Mali	1,029	IEF	807	102	4	105	4	7	0.885	0.055	0.0598
28	Kulkarni	1986	Nigeria	700	Electrophoresis	526	138	20	15	0	1	0.861	0.127	0.0121
29	Odunvbun	2008	Nigeria	644	IEF	485	133	18	7	1	0	0.862	0.132	0.0062
30	Munyanganizi	2006	Rwanda	987	IEF	960	27	0	0	0	0	0.986	0.014	0.0000
31	Mutesa	2007	Rwanda	1,104	ELISA	1,073	28	1	2	0	0	0.986	0.014	0.0009
32	Oudart	1968	Senegal	345	Electrophoresis	313	25	1	4	2	0	0.949	0.042	0.0087
33	Mbodji	2003	Senegal	479	IEF	426	38	9	5	1	0	0.934	0.059	0.0063
34	Tchamago	2006	Senegal	944	IEF	839	90	4	9	0	0	0.941	0.052	0.0048
35	Diallo	2008	Senegal	1,000	IEF	910	85	5	0	0	0	0.953	0.048	0.0000
36	Aebischer	1990	Tanzania	92	Electrophoresis	82	10	0	/	/	/	0.946	0.054	/
37	Aebischer	1990	Tanzania	101	Electrophoresis	87	13	1	/	/	/	0.926	0.074	/
38	Aebischer	1990	Tanzania	30	Electrophoresis	29	1	0	/	/	/	0.983	0.017	/
	Aebischer^z	1990	Tanzania	223	Electrophoresis	198	24	1	/	/	/	0.942	0.058	/
39	North	1988	Togo	385	IEF	269	72	4	34	5	1	0.836	0.110	0.0532
40	Segbena	2002	Togo	171	IEF	110	28	2	27	4	0	0.804	0.105	0.0906
North Africa														
41	Diallo	2008	Tunisia	1,329	IEF	1,309	20	0	0	0	0	0.992	0.008	0.0000
42	Fattoum	2006	Tunisia	2,029	IEF	1,968	44	0	17	0	0	0.985	0.011	0.0042
43	Fattoum	2006	Tunisia	335	IEF	332	2	0	1	0	0	0.996	0.003	0.0015
44	Fattoum	2006	Tunisia	264	IEF	249	15	0	0	0	0	0.972	0.028	0.0000
	Fattoum^z	2006	Tunisia	2,628	IEF	2,549	61	0	18	0	0	0.985	0.012	0.0034
45	Hajer	2012	Tunisia	9,148	IEF	8,935	176	0	34	1	2	0.988	0.010	0.0021
Middle East														
46	Mohammed	1992	Bahrain	10,327	Electrophoresis	8,954	1,157	217	0	0	0	0.923	0.077	0.0000
47	Al Arrayed	2005	Bahrain	1,995	HPLC	1,652	325	18	/	/	/	0.910	0.090	/
48	Al Arrayed	2012	Bahrain	38,940	HPLC	33,512	5,247	228	/	/	/	0.928	0.073	/
49	Talafih	1996	Jordan	181	Electrophoresis	172	9	0	/	/	/	0.975	0.025	/
50	Khoriaty	2014	Lebanon	10,095	HPLC	9,911	168	10	5	1	0	0.990	0.009	0.0003
51	Alkindi	2010	Oman	7,837	HPLC	7,406	409	22	/	/	/	0.971	0.029	/
52	Al-Awamy	1984	Saudi Arabia	1,697	Electrophoresis	1,612	75	10	/	/	/	0.972	0.028	/
53	Al-Awamy	1984	Saudi Arabia	2,800	Electrophoresis	2,597	188	15	/	/	/	0.961	0.039	/
54	Al-Awamy	1984	Saudi Arabia	1,124	Electrophoresis	900	202	22	/	/	/	0.891	0.109	/
	Al-Awamy^z	1984	Saudi Arabia	5,621	Electrophoresis	5,109	465	47	/	/	/	0.950	0.050	/

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55	Nasserullah	2003	Saudi Arabia	2,149	Electrophoresis	2,096	51	2	/	/	/	0.987	0.013	/
56	Nasserullah	2003	Saudi Arabia	21,829	Electrophoresis	16,645	4,621	563	/	/	/	0.868	0.132	/
	Nasserullah^z	2003	Saudi Arabia	23,978	Electrophoresis	18,741	4,672	565	/	/	/	0.879	0.121	/
57	Al Hosani	2005	UAE	9,165	HPLC	9,019	137	6	3	0	0	0.992	0.008	0.0002
58	Al Hosani	2005	UAE	13,035	HPLC	12,920	103	3	8	0	1	0.995	0.004	0.0004
	Al Hosani^z	2005	UAE	22,200	HPLC	21,939	240	9	11	0	1	0.994	0.006	0.0003
59	Al Hosani	2014	UAE	542,286	HPLC	537,494	4,509	203	69	0	11	0.995	0.005	0.0001
60	Al-Nood	2004	Yemen	1,500	HPLC	1,467	33	0	0	0	0	0.989	0.011	0.0000