Y-Chromosome DNA markers from www.smgf.org, for surnames Merrill and Merrell

(a) the SMGF sequence numbers for surname Merrill, when default marker values are selected with no cookies.

	DYS385	DYS388	DYS389II	DYS389I	DYS390	DYS391	DYS392	DYS393	DYS394/19	DYS426	DYS437	DYS438	DYS439	DYS441	DYS442	DYS444	DYS445	DYS446	DYS447	DYS448	DYS449	DYS452	DYS454	DYS455	DYS456	DYS458	DYS459	DYS460	DYS461	DYS462	DYS463	DYS464	GGAAT1B07	YCAII	GATA A10	DYS635/C4	GATA H4.1
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
(b) smgf = what SMGF calls "DNA Heritage" or "ancestry.com"	0	0	0	0	0	0	0	0	0	0	0	0	0	+1	+5	0	0	0	0	0	0	+19	0	0	0	0	0	0	0	0	+2	0	0	0	+2	0	+10
isfg = what SMGF calls "ISFG" (Int. Society for Forensic Genetics)	0	0	0	0	0	0	0	0	0	0	0	0	0	+1	+5	0	0	0	0	0	0	+19	0	0	0	0	0	0	0	0	+2	0	0	0	+2	0	+9
anc = the actual values in DNA ancestry (prior to 9/30/09)	0	0	0	0	0	0	0	0	0	0	0	0	0	+1	+5	0	0	0	0	0	0	+19	0	0	0	0	0	0	0	0	+2	0	0	0	+2	0	+10
ftdna = what SMGF calls FTDNA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+19	0	0	0	0	0	0	0	0	+2	0	0	0	0	0	-1
dnah = "old style" values reported in ysearch.org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(c) * indicates last name Merrell. Others are Merrill.

TABLE I. All Merrill/Merrell, with ISFG nomenclature, in default order presented by SMGF.

Merrill project ID	haplogroup	seq 3/31/07 (a)	seq 6/30/08 (a)	seq 8/31/08 (a)	markers 7/4/08	markers 8/31/08	missing 8/31/08	person tested	ancestor (c)	nomenclature (b)	from smgf	DYS385 1	DYS388 2	DYS389II 3	DYS389I 4	DYS390 5	DYS391 6	DYS392 7	DYS393 8	DYS394/19 9	DYS426 10	DYS437 11	DYS438 12	DYS439 13	DYS441 14	DYS442 15	DYS444 16	DYS445 17	DYS446 18	DYS447 19	DYS448 20	DYS449 21	DYS452 22	DYS454 23	DYS455 24	DYS456 25	DYS458 26	DYS459 27	DYS460 28	DYS461 29	DYS462 30	DYS463 31	DYS464 32	GGAAT1B07 33	YCAII 34	GATA A10 35	DYS635/C4 36	GATA H4.1 37	DYS385A	DYS385B	DYS459A	DYS459B	DYS464A	DYS464B	DYS464C	DYS464D	DYS464E	YCAIIA	YCAIIB	public ID
104	R1b	1	1	1	35	37	0	son	James Ray 1888	isfg	9/27/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	14	17	12	12	13	25	19	29	30	11	11	16	19	9,10	11	12	11	24	15,15,16,16	10	19,23	14	23	21	11	14	9	10	15	15	16	16	0	19	23	MERRILL[USA-Iowa]: 2 gen, MERRILL[USA-Pennsylvania], MERRILL[USA]
116	R1b	na	na	2	na	33	4	gson	Harry A 1889	isfg	8/31/08	11,14	12	30	13	24	10	13	13	na	12	na	12	12	14	17	12	12	13	25	19	29	na	11	11	16	19	9,10	11	12	11	24	na	10	19,23	14	23	21	11	14	9	10	na	na	na	na	na	19	23	MERRILL[USA-Pennsylvania]: 4 gen
105	R1b	7	2	3	34	36	1	son	James Ray 1888	isfg	9/27/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	14	17	12	12	13	na	19	29	30	11	11	16	19	9,10	11	12	11	24	15,15,16,16	10	19,23	14	23	21	11	14	9	10	15	15	16	16	0	19	23	MERRILL[USA-Iowa], MERILL[USA-Iowa], MERRILL[USA-Pennsylvania], MERRILL[USA]
123	R1b	5	5	4	35	37	0	son	Malcolm Hendricks 1903	isfg	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	17	18	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]
112	R1b	4	3	5	35	37	0	gson	John Francis * 1875	isfg	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	14	17	12	12	13	25	19	29	30	11	11	16	18	9,10	11	12	12	24	15,15,16,17	10	19,23	14	23	21	11	14	9	10	15	15	16	17	0	19	23	MERRELL[USA-Utah], MERRELL[USA-Iowa], MERRELL[USA-North Carolina]: 2 gen, MERRILL[USA-New Jersey], MERRELL[USA-New Jersey], MERRELL[USA-New Jersey], MERRILL[USA-New York], MERRILL[England]
122	R1b	3	4	6	35	37	0	gson	Laville Hendricks 1901	isfg	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	16	18	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
125	R1b	2	6	7	35	37	0	gson	William Paul 1891	isfg	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	16	19	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
124	R1b	na	7	8	27	37	0	son	Malcolm Hendricks 1903	isfg	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	17	18	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
186	R1b	na	na	9	na	36	1	gson	William Paul 1891	isfg	8/31/08	11,14	12	29	13	23	10	13	13	na	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	16	19	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen
136	R1b	na	8	10	34	37	0	gson	Julian LaRue 1905	isfg	7/4/08	11,15	12	30	13	23	11	13	13	14	12	15	12	12	15	17	12	12	12	24	19	30	31	11	11	15	17	9,9	10	12	11	24	15,15,17,17	10	19,23	14	24	21	11	15	9	9	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen
134	R1b	6	9	11	22	22	15	son	Howard Emerson 1894	isfg	7/4/08	na	na	na	na	na	na	na	13	14	na	15	na	na	14	17	11	12	13	na	na	30	30	11	11	15	17	9,10	na	12	11	24	15,15,17,18	10	na	14	23	na	na	na	9	10	15	15	17	18	0	na	na	MERRILL[USA-Kansas], MERRILL[USA-New Hampshire]: 2 gen
119	R1b	8	14	12	35	37	0	son	Ralph (Carmel) 1904	isfg	7/4/08	11,14	12	29	13	23	11	12	13	14	12	15	12	11	14	18	12	13	12	24	20	28	30	11	11	17	17	9,11	11	12	11	24	15,16,17,17	9	19,23	15	23	20	11	14	9	11	15	15	17	17	0	19	23	MERRILL[USA-Indiana]: 2 gen, MERRILL[USA-Kentucky]: 2 gen, MERRILL[USA-Maryland]
135	R1b	9	10	13	19	20	17	gson	Howard Emerson 1894	isfg	7/4/08	na	na	na	na	na	na	na	13	14	na	15	na	na	14	17	11	12	13	na	na	30	30	11	11	15	17	9,10	na	12	11	24	15,15,17,18	10	na	14	23	na	na	na	9	10	15	15	17	18	0	na	na	MERRILL[USA-Kansas], MERRILL[USA-New Hampshire]: 2 gen
126	R1b	11	12	14	17	18	19	son	Glacus Godfrey 1905	isfg	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	14	17	na	12	13	na	na	30	30	11	11	16	19	9,10	na	12	11	na	15,15,17,17	10	na	15	23	na	na	na	9	10	15	15	17	17	0	na	na	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada], MERRILL[~Canada]
118	R1b	10	11	15	17	18	19	gson	Louis A 1882	isfg	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	14	17	na	12	13	na	na	29	30	11	11	16	19	9,10	na	12	11	na	na	10	na	14	23	na	na	na	9	10	na	na	na	na	na	na	na	MERRILL[USA-New York]: 3 gen, MERRILL[~USA-New York]
130919	R1b	12	13	16	12	13	24	gson	Cortez 1876	isfg	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	na	16	12	12	13	na	na	na	30	11	na	15	na	9,9	na	na	11	na	na	10	na	14	23	na	na	na	9	9	na	na	na	na	na	na	na	MERRILL[USA-Iowa], MERRILL[USA-New York]: 2 gen
174	G	na	na	17	na	27	10	ggson	Leonard Mouritsen 1896	isfg	8/31/08	14,14	13	29	12	22	10	11	14	15	11	na	10	12	14	na	na	10	na	24	21	31	na	11	11	15	16	9,9	10	11	na	22	na	na	20,20	na	na	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York], MERRILL[USA-Connecticut]: 5 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
153	G	13	15	18	21	22	15	gson	Lewis Bigler 1887	isfg	7/4/08	14,14	na	30	12	22	10	na	14	15	11	na	10	13	14	na	na	10	na	na	na	31	na	11	11	15	16	9,9	10	11	na	na	na	na	20,20	na	na	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah], MERRILL[USA-Connecticut], MERRILL[USA-New York]
155	G	na	26	19	8	36	1	gson	Leonard Mouritsen 1896	isfg	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	12	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York], MERRILL[USA-Connecticut]
140323	G	14	21	20	32	34	3	gson	Charles Arthur 1875	isfg	7/4/08	14,14	13	30	12	22	10	11	14	na	11	16	10	13	14	16	13	10	17	na	21	31	25	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Massachusetts]: 4 gen
139	G	16	20	21	34	36	1	gson	Charles Luther 1865	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Minnesota], MERRILL[USA-New Hampshire]: 2 gen
158	G	na	16	22	12	36	1	gson	Orrin Preston 1876	isfg	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	30	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[~USA-Utah]: 2 gen
143	G	15	18	23	34	36	1	gson	Joseph Taylor 1905	isfg	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York]: 2 gen, MERRILL[USA-Massachusetts], MERRILL[USA-Connecticut]: 3 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
145	G	18	22	24	34	36	1	son	Frederick Winkley 1897	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	10	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Massachusetts]: 3 gen, MERRILL[~USA-Massachusetts]
140	G	17	19	25	34	36	1	gson	William Porter * 1869	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	32	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRELL[USA-Utah], MERRELL[USA-Iowa], MERRELL[USA-Connecticut]: 3 gen, MERRILL[USA-Connecticut], MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
144	G	19	17	26	34	36	1	ggson	Irvine Alvin 1896	isfg	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	32	26	11	11	15	15	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah], MERRILL[USA-Arizona], MERRILL[USA-Connecticut], MERRILL[USA-New York]: 2 gen, MERRILL[USA-Connecticut]: 2 gen
142	G	20	23	27	34	36	1	ggson	Byron 1883	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	14	10	18	24	21	31	26	11	11	16	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Arizona], MERRILL[USA-Utah], MERRILL[USA-New York], MERRILL[USA-Connecticut]: 4 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
141	G	21	24	28	34	36	1	gson	Byron 1883	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	16	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Arizona], MERRILL[USA-Utah], MERRILL[USA-New York], MERRILL[USA-Connecticut]: 4 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
154	G	22	25	29	27	29	8	gson	William Leo 1903	isfg	7/4/08	14,14	13	30	12	22	10	11	na	15	11	16	10	13	na	16	13	10	18	24	21	na	26	11	na	15	na	9,9	10	na	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Oklahoma], HOOD[USA-Iowa], HOWARD[USA-Maine], MERRILL[USA-Maine]
16759	R1b	23	27	30	33	35	2	gson	Vernice H 1891	isfg	7/4/08	11,14	12	28	13	24	11	13	13	14	12	15	12	11	14	17	12	12	14	25	19	29	32	11	11	16	17	9,10	na	12	11	na	15,15,16,17	10	19,23	15	23	20	11	14	9	10	15	15	16	17	0	19	23	MERRELL[USA-Missouri], MERRELL[~USA-Missouri], MERRELL[USA-Maryland]

TABLE II. R1b and G haplogroups separately, for 3 different nomenclatures.
Colored cells represent departures from modal values, for R1b and G haplogroups separately

Merrill project ID	haplogroup	seq 3/31/07 (a)	seq 6/30/08 (a)	seq 8/31/08 (a)	markers 7/4/08	markers 8/31/08	missing 8/31/08	person tested	ancestor (c)	nomenclature (b)	from smgf	DYS385 1	DYS388 2	DYS389II 3	DYS389I 4	DYS390 5	DYS391 6	DYS392 7	DYS393 8	DYS394/19 9	DYS426 10	DYS437 11	DYS438 12	DYS439 13	DYS441 14	DYS442 15	DYS444 16	DYS445 17	DYS446 18	DYS447 19	DYS448 20	DYS449 21	DYS452 22	DYS454 23	DYS455 24	DYS456 25	DYS458 26	DYS459 27	DYS460 28	DYS461 29	DYS462 30	DYS463 31	DYS464 32	GGAAT1B07 33	YCAII 34	GATA A10 35	DYS635/C4 36	GATA H4.1 37	DYS385A	DYS385B	DYS459A	DYS459B	DYS464A	DYS464B	DYS464C	DYS464D	DYS464E	YCAIIA	YCAIIB	public ID
104	R1b	1	1	1	37	37	0	son	James Ray 1888	isfg	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	14	17	12	12	13	25	19	29	30	11	11	16	19	9,10	11	12	11	24	15,15,16,16	10	19,23	14	23	21	11	14	9	10	15	15	16	16	0	19	23	MERRILL[USA-Iowa]: 2 gen, MERRILL[USA-Pennsylvania], MERRILL[USA]
116	R1b	na	na	2	na	33	4	gson	Harry A 1889	isfg	8/31/08	11,14	12	30	13	24	10	13	13	na	12	na	12	12	14	17	12	12	13	25	19	29	na	11	11	16	19	9,10	11	12	11	24	na	10	19,23	14	23	21	11	14	9	10	na	na	na	na	na	19	23	MERRILL[USA-Pennsylvania]: 4 gen
105	R1b	7	2	3	36	36	1	son	James Ray 1888	isfg	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	14	17	12	12	13	na	19	29	30	11	11	16	19	9,10	11	12	11	24	15,15,16,16	10	19,23	14	23	21	11	14	9	10	15	15	16	16	0	19	23	MERRILL[USA-Iowa], MERILL[USA-Iowa], MERRILL[USA-Pennsylvania], MERRILL[USA]
112	R1b	4	3	5	37	37	0	gson	John Francis 1875	isfg	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	14	17	12	12	13	25	19	29	30	11	11	16	18	9,10	11	12	12	24	15,15,16,17	10	19,23	14	23	21	11	14	9	10	15	15	16	17	0	19	23	MERRELL[USA-Utah], MERRELL[USA-Iowa], MERRELL[USA-North Carolina]: 2 gen, MERRILL[USA-New Jersey], MERRELL[USA-New Jersey], MERRELL[USA-New Jersey], MERRILL[USA-New York], MERRILL[England]
125	R1b	3	4	7	37	37	0	gson	William Paul 1891	isfg	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	16	19	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
186	R1b	na	na	9	na	36	1	gson	William Paul 1891	isfg	8/31/08	11,14	12	29	13	23	10	13	13	na	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	16	19	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen
123	R1b	5	5	4	37	37	0	son	Malcolm Hendricks 1903	isfg	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	17	18	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]
124	R1b	na	7	8	29	37	0	son	Malcolm Hendricks 1903	isfg	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	17	18	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
122	R1b	2	6	6	37	37	0	gson	Laville Hendricks 1901	isfg	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	16	18	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	21	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
136	R1b	na	8	10	36	37	0	gson	Julian LaRue 1905	isfg	7/4/08	11,15	12	30	13	23	11	13	13	14	12	15	12	12	15	17	12	12	12	24	19	30	31	11	11	15	17	9,9	10	12	11	24	15,15,17,17	10	19,23	14	24	21	11	15	9	9	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen
134	R1b	6	9	11	22	22	15	son	Howard Emerson 1894	isfg	7/4/08	na	na	na	na	na	na	na	13	14	na	15	na	na	14	17	11	12	13	na	na	30	30	11	11	15	17	9,10	na	12	11	24	15,15,17,18	10	na	14	23	na	na	na	9	10	15	15	17	18	0	na	na	MERRILL[USA-Kansas], MERRILL[USA-New Hampshire]: 2 gen
135	R1b	9	10	13	20	20	17	gson	Howard Emerson 1894	isfg	7/4/08	na	na	na	na	na	na	na	13	14	na	15	na	na	14	17	11	12	13	na	na	30	30	11	11	15	17	9,10	na	12	11	24	15,15,17,18	10	na	14	23	na	na	na	9	10	15	15	17	18	0	na	na	MERRILL[USA-Kansas], MERRILL[USA-New Hampshire]: 2 gen
118	R1b	10	11	15	18	18	19	gson	Louis A 1882	isfg	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	14	17	na	12	13	na	na	29	30	11	11	16	19	9,10	na	12	11	na	na	10	na	14	23	na	na	na	9	10	na	na	na	na	na	na	na	MERRILL[USA-New York]: 3 gen, MERRILL[~USA-New York]
126	R1b	11	12	14	18	18	19	son	Glacus Godfrey 1905	isfg	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	14	17	na	12	13	na	na	30	30	11	11	16	19	9,10	na	12	11	na	15,15,17,17	10	na	15	23	na	na	na	9	10	15	15	17	17	0	na	na	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada], MERRILL[~Canada]
130919	R1b	12	13	16	13	13	24	gson	Cortez 1876	isfg	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	na	16	12	12	13	na	na	na	30	11	na	15	na	9,9	na	na	11	na	na	10	na	14	23	na	na	na	9	9	na	na	na	na	na	na	na	MERRILL[USA-Iowa], MERRILL[USA-New York]: 2 gen
119	R1b	8	14	12	37	37	0	son	Ralph (Carmel) 1904	isfg	7/4/08	11,14	12	29	13	23	11	12	13	14	12	15	12	11	14	18	12	13	12	24	20	28	30	11	11	17	17	9,11	11	12	11	24	15,16,17,17	9	19,23	15	23	20	11	14	9	11	15	15	17	17	0	19	23	MERRILL[USA-Indiana]: 2 gen, MERRILL[USA-Kentucky]: 2 gen, MERRILL[USA-Maryland]
16759	R1b	na	27	30	35	35	2	gson	Vernice H 1891	isfg	7/4/08	11,14	12	28	13	24	11	13	13	14	12	15	12	11	14	17	12	12	14	25	19	29	32	11	11	16	17	9,10	na	12	11	na	15,15,16,17	10	19,23	15	23	20	11	14	9	10	15	15	16	17	0	19	23	MERRELL[USA-Missouri], MERRELL[~USA-Missouri], MERRELL[USA-Maryland]

Merrill project ID	haplogroup	seq 3/31/07 (a)	seq 6/30/08 (a)	seq 8/31/08 (a)	markers 7/4/08	markers 8/31/08	missing 8/31/08	person tested	ancestor (c)	nomenclature (b)	from smgf	DYS385 1	DYS388 2	DYS389II 3	DYS389I 4	DYS390 5	DYS391 6	DYS392 7	DYS393 8	DYS394/19 9	DYS426 10	DYS437 11	DYS438 12	DYS439 13	DYS441 14	DYS442 15	DYS444 16	DYS445 17	DYS446 18	DYS447 19	DYS448 20	DYS449 21	DYS452 22	DYS454 23	DYS455 24	DYS456 25	DYS458 26	DYS459 27	DYS460 28	DYS461 29	DYS462 30	DYS463 31	DYS464 32	GGAAT1B07 33	YCAII 34	GATA A10 35	DYS635/C4 36	GATA H4.1 37	DYS385A	DYS385B	DYS459A	DYS459B	DYS464A	DYS464B	DYS464C	DYS464D	DYS464E	YCAIIA	YCAIIB	public ID
153	G	13	15	18	22	22	15	gson	Lewis Bigler 1887	isfg	7/4/08	14,14	na	30	12	22	10	na	14	15	11	na	10	13	14	na	na	10	na	na	na	31	na	11	11	15	16	9,9	10	11	na	na	na	na	20,20	na	na	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah], MERRILL[USA-Connecticut], MERRILL[USA-New York]
158	G	na	16	22	12	36	1	gson	Orrin Preston 1876	isfg	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	30	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[~USA-Utah]: 2 gen
144	G	19	17	26	36	36	1	ggson	Irvine Alvin 1896	isfg	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	32	26	11	11	15	15	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah], MERRILL[USA-Arizona], MERRILL[USA-Connecticut], MERRILL[USA-New York]: 2 gen, MERRILL[USA-Connecticut]: 2 gen
143	G	15	18	23	36	36	1	gson	Joseph Taylor 1905	isfg	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York]: 2 gen, MERRILL[USA-Massachusetts], MERRILL[USA-Connecticut]: 3 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
140	G	17	19	25	36	36	1	gson	William Porter 1869	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	32	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRELL[USA-Utah], MERRELL[USA-Iowa], MERRELL[USA-Connecticut]: 3 gen, MERRILL[USA-Connecticut], MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
139	G	16	20	21	36	36	1	gson	Charles Luther 1865	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Minnesota], MERRILL[USA-New Hampshire]: 2 gen
140323	G	14	21	20	34	34	3	gson	Charles Arthur 1875	isfg	7/4/08	14,14	13	30	12	22	10	11	14	na	11	16	10	13	14	16	13	10	17	na	21	31	25	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Massachusetts]: 4 gen
145	G	18	22	24	36	36	1	son	Frederick Winkley 1897	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	10	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Massachusetts]: 3 gen, MERRILL[~USA-Massachusetts]
142	G	20	23	27	36	36	1	ggson	Byron 1883	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	14	10	18	24	21	31	26	11	11	16	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Arizona], MERRILL[USA-Utah], MERRILL[USA-New York], MERRILL[USA-Connecticut]: 4 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
141	G	21	24	28	36	36	1	gson	Byron 1883	isfg	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	16	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Arizona], MERRILL[USA-Utah], MERRILL[USA-New York], MERRILL[USA-Connecticut]: 4 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
154	G	22	25	29	29	29	8	gson	William Leo 1903	isfg	7/4/08	14,14	13	30	12	22	10	11	na	15	11	16	10	13	na	16	13	10	18	24	21	na	26	11	na	15	na	9,9	10	na	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Oklahoma], HOOD[USA-Iowa], HOWARD[USA-Maine], MERRILL[USA-Maine]
155	G	na	26	19	9	36	2	gson	Leonard Mouritsen 1896	isfg	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	12	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York], MERRILL[USA-Connecticut]
174	G	na	na	17	na	27	10	ggson	Leonard Mouritsen 1896	isfg	8/31/08	14,14	13	29	12	22	10	11	14	15	11	na	10	12	14	na	na	10	na	24	21	31	na	11	11	15	16	9,9	10	11	na	22	na	na	20,20	na	na	21	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York], MERRILL[USA-Connecticut]: 5 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen

Merrill project ID	haplogroup	seq 3/31/07 (a)	seq 6/30/08 (a)	seq 8/31/08 (a)	markers 7/4/08	markers 8/31/08	missing 8/31/08	person tested	ancestor (c)	nomenclature (b)	from smgf	DYS385 1	DYS388 2	DYS389II 3	DYS389I 4	DYS390 5	DYS391 6	DYS392 7	DYS393 8	DYS394/19 9	DYS426 10	DYS437 11	DYS438 12	DYS439 13	DYS441 14	DYS442 15	DYS444 16	DYS445 17	DYS446 18	DYS447 19	DYS448 20	DYS449 21	DYS452 22	DYS454 23	DYS455 24	DYS456 25	DYS458 26	DYS459 27	DYS460 28	DYS461 29	DYS462 30	DYS463 31	DYS464 32	GGAAT1B07 33	YCAII 34	GATA A10 35	DYS635/C4 36	GATA H4.1 37	DYS385A	DYS385B	DYS459A	DYS459B	DYS464A	DYS464B	DYS464C	DYS464D	DYS464E	YCAIIA	YCAIIB	public ID
104	R1b	1	1	1	37	37	0	son	James Ray 1888	anc	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	14	17	12	12	13	25	19	29	30	11	11	16	19	9,10	11	12	11	24	15,15,16,16	10	19,23	14	23	22	11	14	9	10	15	15	16	16	0	19	23	MERRILL[USA-Iowa]: 2 gen, MERRILL[USA-Pennsylvania], MERRILL[USA]
116	R1b	na	na	2	na	33	4	gson	Harry A 1889	anc	8/31/08	11,14	12	30	13	24	10	13	13	na	12	na	12	12	14	17	12	12	13	25	19	29	na	11	11	16	19	9,10	11	12	11	24	na	10	19,23	14	23	22	11	14	9	10	na	na	na	na	na	19	23	MERRILL[USA-Pennsylvania]: 4 gen
105	R1b	7	2	3	36	36	1	son	James Ray 1888	anc	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	14	17	12	12	13	na	19	29	30	11	11	16	19	9,10	11	12	11	24	15,15,16,16	10	19,23	14	23	22	11	14	9	10	15	15	16	16	0	19	23	MERRILL[USA-Iowa], MERILL[USA-Iowa], MERRILL[USA-Pennsylvania], MERRILL[USA]
112	R1b	4	3	5	37	37	0	gson	John Francis 1875	anc	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	14	17	12	12	13	25	19	29	30	11	11	16	18	9,10	11	12	12	24	15,15,16,17	10	19,23	14	23	22	11	14	9	10	15	15	16	17	0	19	23	MERRELL[USA-Utah], MERRELL[USA-Iowa], MERRELL[USA-North Carolina]: 2 gen, MERRILL[USA-New Jersey], MERRELL[USA-New Jersey], MERRELL[USA-New Jersey], MERRILL[USA-New York], MERRILL[England]
125	R1b	3	4	7	37	37	0	gson	William Paul 1891	anc	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	16	19	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	22	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
186	R1b	na	na	9	na	36	1	gson	William Paul 1891	anc	8/31/08	11,14	12	29	13	23	10	13	13	na	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	16	19	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	22	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen
123	R1b	5	5	4	37	37	0	son	Malcolm Hendricks 1903	anc	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	17	18	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	22	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]
124	R1b	na	7	8	29	37	1	son	Malcolm Hendricks 1903	anc	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	17	18	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	22	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
122	R1b	2	6	6	37	37	0	gson	Laville Hendricks 1901	anc	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	15	17	12	12	13	24	19	30	30	11	11	16	18	9,10	10	12	11	24	15,15,17,17	10	19,23	15	23	22	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
136	R1b	na	8	10	36	37	0	gson	Julian LaRue 1905	anc	7/4/08	11,15	12	30	13	23	11	13	13	14	12	15	12	12	15	17	12	12	12	24	19	30	31	11	11	15	17	9,9	10	12	11	24	15,15,17,17	10	19,23	14	24	22	11	15	9	9	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen
134	R1b	6	9	11	22	22	15	son	Howard Emerson 1894	anc	7/4/08	na	na	na	na	na	na	na	13	14	na	15	na	na	14	17	11	12	13	na	na	30	30	11	11	15	17	9,10	na	12	11	24	15,15,17,18	10	na	14	23	na	na	na	9	10	15	15	17	18	0	na	na	MERRILL[USA-Kansas], MERRILL[USA-New Hampshire]: 2 gen
135	R1b	9	10	13	20	20	17	gson	Howard Emerson 1894	anc	7/4/08	na	na	na	na	na	na	na	13	14	na	15	na	na	14	17	11	12	13	na	na	30	30	11	11	15	17	9,10	na	12	11	24	15,15,17,18	10	na	14	23	na	na	na	9	10	15	15	17	18	0	na	na	MERRILL[USA-Kansas], MERRILL[USA-New Hampshire]: 2 gen
118	R1b	10	11	15	18	18	19	gson	Louis A 1882	anc	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	14	17	na	12	13	na	na	29	30	11	11	16	19	9,10	na	12	11	na	na	10	na	14	23	na	na	na	9	10	na	na	na	na	na	na	na	MERRILL[USA-New York]: 3 gen, MERRILL[~USA-New York]
126	R1b	11	12	14	18	18	19	son	Glacus Godfrey 1905	anc	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	14	17	na	12	13	na	na	30	30	11	11	16	19	9,10	na	12	11	na	15,15,17,17	10	na	15	23	na	na	na	9	10	15	15	17	17	0	na	na	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada], MERRILL[~Canada]
130919	R1b	12	13	16	13	13	24	gson	Cortez 1876	anc	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	na	16	12	12	13	na	na	na	30	11	na	15	na	9,9	na	na	11	na	na	10	na	14	23	na	na	na	9	9	na	na	na	na	na	na	na	MERRILL[USA-Iowa], MERRILL[USA-New York]: 2 gen
119	R1b	8	14	12	37	37	0	son	Ralph (Carmel) 1904	anc	7/4/08	11,14	12	29	13	23	11	12	13	14	12	15	12	11	14	18	12	13	12	24	20	28	30	11	11	17	17	9,11	11	12	11	24	15,16,17,17	9	19,23	15	23	21	11	14	9	11	15	15	17	17	0	19	23	MERRILL[USA-Indiana]: 2 gen, MERRILL[USA-Kentucky]: 2 gen, MERRILL[USA-Maryland]
16759	R1b	na	27	30	35	35	2	gson	Vernice H 1891	anc	7/4/08	11,14	12	28	13	24	11	13	13	14	12	15	12	11	14	17	12	12	14	25	19	29	32	11	11	16	17	9,10	na	12	11	na	15,15,16,17	10	19,23	15	23	21	11	14	9	10	15	15	16	17	0	19	23	MERRELL[USA-Missouri], MERRELL[~USA-Missouri], MERRELL[USA-Maryland]

Merrill project ID	haplogroup	seq 3/31/07 (a)	seq 6/30/08 (a)	seq 8/31/08 (a)	markers 7/4/08	markers 8/31/08	missing 8/31/08	person tested	ancestor (c)	nomenclature (b)	from smgf	DYS385 1	DYS388 2	DYS389II 3	DYS389I 4	DYS390 5	DYS391 6	DYS392 7	DYS393 8	DYS394/19 9	DYS426 10	DYS437 11	DYS438 12	DYS439 13	DYS441 14	DYS442 15	DYS444 16	DYS445 17	DYS446 18	DYS447 19	DYS448 20	DYS449 21	DYS452 22	DYS454 23	DYS455 24	DYS456 25	DYS458 26	DYS459 27	DYS460 28	DYS461 29	DYS462 30	DYS463 31	DYS464 32	GGAAT1B07 33	YCAII 34	GATA A10 35	DYS635/C4 36	GATA H4.1 37	DYS385A	DYS385B	DYS459A	DYS459B	DYS464A	DYS464B	DYS464C	DYS464D	DYS464E	YCAIIA	YCAIIB	public ID
153	G	13	15	18	22	22	15	gson	Lewis Bigler 1887	anc	7/4/08	14,14	na	30	12	22	10	na	14	15	11	na	10	13	14	na	na	10	na	na	na	31	na	11	11	15	16	9,9	10	11	na	na	na	na	20,20	na	na	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah], MERRILL[USA-Connecticut], MERRILL[USA-New York]
158	G	na	16	22	12	36	1	gson	Orrin Preston 1876	anc	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	30	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[~USA-Utah]: 2 gen
144	G	19	17	26	36	36	1	ggson	Irvine Alvin 1896	anc	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	32	26	11	11	15	15	9,9	10	11	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah], MERRILL[USA-Arizona], MERRILL[USA-Connecticut], MERRILL[USA-New York]: 2 gen, MERRILL[USA-Connecticut]: 2 gen
143	G	15	18	23	36	36	1	gson	Joseph Taylor 1905	anc	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York]: 2 gen, MERRILL[USA-Massachusetts], MERRILL[USA-Connecticut]: 3 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
140	G	17	19	25	36	36	1	gson	William Porter 1869	anc	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	32	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRELL[USA-Utah], MERRELL[USA-Iowa], MERRELL[USA-Connecticut]: 3 gen, MERRILL[USA-Connecticut], MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
139	G	16	20	21	36	36	1	gson	Charles Luther 1865	anc	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Minnesota], MERRILL[USA-New Hampshire]: 2 gen
140323	G	14	21	20	34	34	3	gson	Charles Arthur 1875	anc	7/4/08	14,14	13	30	12	22	10	11	14	na	11	16	10	13	14	16	13	10	17	na	21	31	25	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Massachusetts]: 4 gen
145	G	18	22	24	36	36	1	son	Frederick Winkley 1897	anc	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	10	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Massachusetts]: 3 gen, MERRILL[~USA-Massachusetts]
142	G	20	23	27	36	36	1	ggson	Byron 1883	anc	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	14	10	18	24	21	31	26	11	11	16	16	9,9	10	11	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Arizona], MERRILL[USA-Utah], MERRILL[USA-New York], MERRILL[USA-Connecticut]: 4 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
141	G	21	24	28	36	36	1	gson	Byron 1883	anc	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	14	16	13	10	18	24	21	31	26	11	11	16	16	9,9	10	11	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Arizona], MERRILL[USA-Utah], MERRILL[USA-New York], MERRILL[USA-Connecticut]: 4 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
154	G	22	25	29	29	29	8	gson	William Leo 1903	anc	7/4/08	14,14	13	30	12	22	10	11	na	15	11	16	10	13	na	16	13	10	18	24	21	na	26	11	na	15	na	9,9	10	na	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Oklahoma], HOOD[USA-Iowa], HOWARD[USA-Maine], MERRILL[USA-Maine]
155	G	na	26	19	9	36	2	gson	Leonard Mouritsen 1896	anc	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	12	14	16	13	10	18	24	21	31	26	11	11	15	16	9,9	10	11	12	22	na	11	20,20	14	20	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York], MERRILL[USA-Connecticut]
174	G	na	na	17	na	27	10	ggson	Leonard Mouritsen 1896	anc	8/31/08	14,14	13	29	12	22	10	11	14	15	11	na	10	12	14	na	na	10	na	24	21	31	na	11	11	15	16	9,9	10	11	na	22	na	na	20,20	na	na	22	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York], MERRILL[USA-Connecticut]: 5 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen

Merrill project ID	haplogroup	seq 3/31/07 (a)	seq 6/30/08 (a)	seq 8/31/08 (a)	markers 7/4/08	markers 8/31/08	missing 8/31/08	person tested	ancestor (c)	nomenclature (b)	from smgf	DYS385 1	DYS388 2	DYS389II 3	DYS389I 4	DYS390 5	DYS391 6	DYS392 7	DYS393 8	DYS394/19 9	DYS426 10	DYS437 11	DYS438 12	DYS439 13	DYS441 14	DYS442 15	DYS444 16	DYS445 17	DYS446 18	DYS447 19	DYS448 20	DYS449 21	DYS452 22	DYS454 23	DYS455 24	DYS456 25	DYS458 26	DYS459 27	DYS460 28	DYS461 29	DYS462 30	DYS463 31	DYS464 32	GGAAT1B07 33	YCAII 34	GATA A10 35	DYS635/C4 36	GATA H4.1 37	DYS385A	DYS385B	DYS459A	DYS459B	DYS464A	DYS464B	DYS464C	DYS464D	DYS464E	YCAIIA	YCAIIB	public ID
104	R1b	1	1	1	37	37	0	son	James Ray 1888	dnah	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	13	12	12	12	13	25	19	29	11	11	11	16	19	9,10	11	12	11	22	15,15,16,16	10	19,23	12	23	12	11	14	9	10	15	15	16	16	0	19	23	MERRILL[USA-Iowa]: 2 gen, MERRILL[USA-Pennsylvania], MERRILL[USA]
116	R1b	na	na	2	na	33	4	gson	Harry A 1889	dnah	8/31/08	11,14	12	30	13	24	10	13	13	na	12	na	12	12	13	12	12	12	13	25	19	29	na	11	11	16	19	9,10	11	12	11	22	na	10	19,23	12	23	12	11	14	9	10	na	na	na	na	na	19	23	MERRILL[USA-Pennsylvania]: 4 gen
105	R1b	7	2	3	36	36	1	son	James Ray 1888	dnah	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	13	12	12	12	13	na	19	29	11	11	11	16	19	9,10	11	12	11	22	15,15,16,16	10	19,23	12	23	12	11	14	9	10	15	15	16	16	0	19	23	MERRILL[USA-Iowa], MERILL[USA-Iowa], MERRILL[USA-Pennsylvania], MERRILL[USA]
112	R1b	4	3	5	37	37	0	gson	John Francis 1875	dnah	7/4/08	11,14	12	30	13	24	10	13	13	15	12	15	12	12	13	12	12	12	13	25	19	29	11	11	11	16	18	9,10	11	12	12	22	15,15,16,17	10	19,23	12	23	12	11	14	9	10	15	15	16	17	0	19	23	MERRELL[USA-Utah], MERRELL[USA-Iowa], MERRELL[USA-North Carolina]: 2 gen, MERRILL[USA-New Jersey], MERRELL[USA-New Jersey], MERRELL[USA-New Jersey], MERRILL[USA-New York], MERRILL[England]
125	R1b	3	4	7	37	37	0	gson	William Paul 1891	dnah	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	14	12	12	12	13	24	19	30	11	11	11	16	19	9,10	10	12	11	22	15,15,17,17	10	19,23	13	23	12	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
186	R1b	na	na	9	na	36	1	gson	William Paul 1891	dnah	8/31/08	11,14	12	29	13	23	10	13	13	na	12	15	12	12	14	12	12	12	13	24	19	30	11	11	11	16	19	9,10	10	12	11	22	15,15,17,17	10	19,23	13	23	12	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen
123	R1b	5	5	4	37	37	0	son	Malcolm Hendricks 1903	dnah	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	14	12	12	12	13	24	19	30	11	11	11	17	18	9,10	10	12	11	22	15,15,17,17	10	19,23	13	23	12	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]
124	R1b	na	7	8	29	37	1	son	Malcolm Hendricks 1903	dnah	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	14	12	12	12	13	24	19	na	11	11	11	17	18	9,10	10	12	11	na	na	10	19,23	13	23	12	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
122	R1b	2	6	6	37	37	0	gson	Laville Hendricks 1901	dnah	7/4/08	11,14	12	29	13	23	10	13	13	14	12	15	12	12	14	12	12	12	13	24	19	30	11	11	11	16	18	9,10	10	12	11	22	15,15,17,17	10	19,23	13	23	12	11	14	9	10	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada]: 2 gen, MERRILL[~Canada]
136	R1b	na	8	10	36	37	0	gson	Julian LaRue 1905	dnah	7/4/08	11,15	12	30	13	23	11	13	13	14	12	15	12	12	14	12	12	12	12	24	19	30	12	11	11	15	17	9,9	10	12	11	22	15,15,17,17	10	19,23	12	24	12	11	15	9	9	15	15	17	17	0	19	23	MERRILL[USA-Utah]: 2 gen
134	R1b	6	9	11	22	22	15	son	Howard Emerson 1894	dnah	7/4/08	na	na	na	na	na	na	na	13	14	na	15	na	na	13	12	11	12	13	na	na	30	11	11	11	15	17	9,10	na	12	11	22	15,15,17,18	10	na	12	23	na	na	na	9	10	15	15	17	18	0	na	na	MERRILL[USA-Kansas], MERRILL[USA-New Hampshire]: 2 gen
135	R1b	9	10	13	20	20	17	gson	Howard Emerson 1894	dnah	7/4/08	na	na	na	na	na	na	na	13	14	na	15	na	na	13	12	11	12	13	na	na	30	11	11	11	15	17	9,10	na	12	11	22	15,15,17,18	10	na	12	23	na	na	na	9	10	15	15	17	18	0	na	na	MERRILL[USA-Kansas], MERRILL[USA-New Hampshire]: 2 gen
118	R1b	10	11	15	18	18	19	gson	Louis A 1882	dnah	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	13	12	na	12	13	na	na	29	11	11	11	16	19	9,10	na	12	11	na	na	10	na	12	23	na	na	na	9	10	na	na	na	na	na	na	na	MERRILL[USA-New York]: 3 gen, MERRILL[~USA-New York]
126	R1b	11	12	14	18	18	19	son	Glacus Godfrey 1905	dnah	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	13	12	na	12	13	na	na	30	11	11	11	16	19	9,10	na	12	11	na	15,15,17,17	10	na	13	23	na	na	na	9	10	15	15	17	17	0	na	na	MERRILL[USA-Utah]: 2 gen, MERRILL[Canada], MERRILL[~Canada]
130919	R1b	12	13	16	13	13	24	gson	Cortez 1876	dnah	7/4/08	na	na	na	na	na	na	na	13	na	na	15	na	na	na	11	12	12	13	na	na	na	11	11	na	15	na	9,9	na	na	11	na	na	10	na	12	23	na	na	na	9	9	na	na	na	na	na	na	na	MERRILL[USA-Iowa], MERRILL[USA-New York]: 2 gen
119	R1b	8	14	12	37	37	0	son	Ralph (Carmel) 1904	dnah	7/4/08	11,14	12	29	13	23	11	12	13	14	12	15	12	11	13	13	12	13	12	24	20	28	11	11	11	17	17	9,11	11	12	11	22	15,16,17,17	9	19,23	13	23	11	11	14	9	11	15	15	17	17	0	19	23	MERRILL[USA-Indiana]: 2 gen, MERRILL[USA-Kentucky]: 2 gen, MERRILL[USA-Maryland]
16759	R1b	na	27	30	35	35	2	gson	Vernice H 1891	dnah	7/4/08	11,14	12	28	13	24	11	13	13	14	12	15	12	11	13	12	12	12	14	25	19	29	13	11	11	16	17	9,10	na	12	11	na	15,15,16,17	10	19,23	13	23	11	11	14	9	10	15	15	16	17	0	19	23	MERRELL[USA-Missouri], MERRELL[~USA-Missouri], MERRELL[USA-Maryland]

Merrill project ID	haplogroup	seq 3/31/07 (a)	seq 6/30/08 (a)	seq 8/31/08 (a)	markers 7/4/08	markers 8/31/08	missing 8/31/08	person tested	ancestor (c)	nomenclature (b)	from smgf	DYS385 1	DYS388 2	DYS389II 3	DYS389I 4	DYS390 5	DYS391 6	DYS392 7	DYS393 8	DYS394/19 9	DYS426 10	DYS437 11	DYS438 12	DYS439 13	DYS441 14	DYS442 15	DYS444 16	DYS445 17	DYS446 18	DYS447 19	DYS448 20	DYS449 21	DYS452 22	DYS454 23	DYS455 24	DYS456 25	DYS458 26	DYS459 27	DYS460 28	DYS461 29	DYS462 30	DYS463 31	DYS464 32	GGAAT1B07 33	YCAII 34	GATA A10 35	DYS635/C4 36	GATA H4.1 37	DYS385A	DYS385B	DYS459A	DYS459B	DYS464A	DYS464B	DYS464C	DYS464D	DYS464E	YCAIIA	YCAIIB	public ID
153	G	13	15	18	22	22	15	gson	Lewis Bigler 1887	dnah	7/4/08	14,14	na	30	12	22	10	na	14	15	11	na	10	13	13	na	na	10	na	na	na	31	na	11	11	15	16	9,9	10	11	na	na	na	na	20,20	na	na	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah], MERRILL[USA-Connecticut], MERRILL[USA-New York]
158	G	na	16	22	12	36	1	gson	Orrin Preston 1876	dnah	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	13	11	13	10	na	na	na	30	7	11	11	15	16	9,9	10	11	na	20	na	na	na	12	na	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[~USA-Utah]: 2 gen
144	G	19	17	26	36	36	1	ggson	Irvine Alvin 1896	dnah	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	13	11	13	10	18	24	21	32	7	11	11	15	15	9,9	10	11	12	20	na	11	20,20	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah], MERRILL[USA-Arizona], MERRILL[USA-Connecticut], MERRILL[USA-New York]: 2 gen, MERRILL[USA-Connecticut]: 2 gen
143	G	15	18	23	36	36	1	gson	Joseph Taylor 1905	dnah	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	13	13	11	13	10	18	24	21	31	7	11	11	15	16	9,9	10	11	12	20	na	11	20,20	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York]: 2 gen, MERRILL[USA-Massachusetts], MERRILL[USA-Connecticut]: 3 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
140	G	17	19	25	36	36	1	gson	William Porter 1869	dnah	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	13	11	13	10	18	24	21	32	7	11	11	15	16	9,9	10	11	12	20	na	11	20,20	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRELL[USA-Utah], MERRELL[USA-Iowa], MERRELL[USA-Connecticut]: 3 gen, MERRILL[USA-Connecticut], MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
139	G	16	20	21	36	36	1	gson	Charles Luther 1865	dnah	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	13	11	13	10	18	24	21	31	7	11	11	15	16	9,9	10	11	12	20	na	11	20,20	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Minnesota], MERRILL[USA-New Hampshire]: 2 gen
140323	G	14	21	20	34	34	3	gson	Charles Arthur 1875	dnah	7/4/08	14,14	13	30	12	22	10	11	14	na	11	16	10	13	13	11	13	10	17	na	21	31	6	11	11	15	16	9,9	10	11	12	20	na	11	20,20	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Massachusetts]: 4 gen
145	G	18	22	24	36	36	1	son	Frederick Winkley 1897	dnah	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	13	11	13	10	18	24	21	31	7	11	11	15	16	9,9	10	10	12	20	na	11	20,20	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Massachusetts]: 3 gen, MERRILL[~USA-Massachusetts]
142	G	20	23	27	36	36	1	ggson	Byron 1883	dnah	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	13	11	14	10	18	24	21	31	7	11	11	16	16	9,9	10	11	12	20	na	11	20,20	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Arizona], MERRILL[USA-Utah], MERRILL[USA-New York], MERRILL[USA-Connecticut]: 4 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
141	G	21	24	28	36	36	1	gson	Byron 1883	dnah	7/4/08	14,14	13	30	12	22	10	11	14	15	11	16	10	13	13	11	13	10	18	24	21	31	7	11	11	16	16	9,9	10	11	12	20	na	11	20,20	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Arizona], MERRILL[USA-Utah], MERRILL[USA-New York], MERRILL[USA-Connecticut]: 4 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen
154	G	22	25	29	29	29	8	gson	William Leo 1903	dnah	7/4/08	14,14	13	30	12	22	10	11	na	15	11	16	10	13	na	11	13	10	18	24	21	na	7	11	na	15	na	9,9	10	na	12	na	na	11	20,20	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Oklahoma], HOOD[USA-Iowa], HOWARD[USA-Maine], MERRILL[USA-Maine]
155	G	na	26	19	9	36	2	gson	Leonard Mouritsen 1896	dnah	7/4/08	14,14	13	29	12	22	10	11	14	15	11	16	10	12	13	11	13	na	18	na	na	na	7	na	na	na	na	na	na	na	12	na	na	11	na	12	20	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York], MERRILL[USA-Connecticut]
174	G	na	na	17	na	27	10	ggson	Leonard Mouritsen 1896	dnah	8/31/08	14,14	13	29	12	22	10	11	14	15	11	na	10	12	13	na	na	10	na	24	21	31	na	11	11	15	16	9,9	10	11	na	20	na	na	20,20	na	na	12	11	14	9	9	na	na	na	na	na	20	20	MERRILL[USA-Utah]: 2 gen, MERRILL[USA-New York], MERRILL[USA-Connecticut]: 5 gen, MERRILL[USA-Massachusetts], MERRILL[England]: 3 gen

Y-DNA Markers reported in smgf.org for surname MERRILL and MERRELL

11/26/08: in Y-chromosome database
2/27/09: Total Y-DNA haplotypes: 31,000
11/26/08: Total haplotypes with more than 7 markers: 30,362
11/26/08: Total haplotypes with more than 34 markers: 22,152

2/27/09: Total MT-DNA haplotypes: 63,000

2/27/09: Y-DNA haplotypes for surname merrill or merrell (search on merrill): 30
2/27/09: 13 Haplogroup G, 17 Haplogroup R1B
5/31/09: Orrin Preston verified correct
12/5/09: since 8/31/08 there are no additional Merrill/Merrells, and no additional markers for the 30 reported here
12/12/09: added Merrill DNA Project IDs

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