

Group	ID	DYS393	DYS390	DYS19	DYS391	DYS385	DYS426	DYS388	DYS439	DYS389-1	DYS392	DYS389-2	DYS458	DYS459	DYS455	DYS454	DYS447	DYS437	DYS448	DYS449	DYS464	DYS460	GATA-H4	YCA-II	DYS456	DYS607	DYS576	DYS570	CDY	DYS442	DYS438	67-markers	DYF399X	SNP testing							
		15	22	16	10	14	14	11	13	11	12	12	29	18	8	10	11	11	22	15	20	31	11	15	15	15	11	11	19	21	14				15	17	18	33	38	12	10
5a modal		15	22	16	10	14	14	11	13	11	12	12	29	18	8	10	11	11	22	15	20	31	11	15	15	15	11	11	19	21	14	15	17	18	33	38	12	10	↑	↑	↑
5a	JL3	15	22	16	10	14	14	11	13	11	12	12	29	18	8	10	11	11	22	15	20	31	11	15	15	15	11	11	19	21	14	15	17	18	33	38	12	10			
	KL	15	22	16	10	14	14	11	13	11	12	12	29	18	8	10	11	11	22	15	20	31	11	15	15	15	11	11	19	21	14	15	17	18	33	38	12	10			
	HN	15	22	16	10	14	14	11	13	11	12	12	29	18	8	10	11	11	22	15	20	31	11	15	15	15	11	11	19	21	14	15	17	18	33	38	12	10	↑		↑
	WM	14	22	16	10	14	14	11	13	11	12	12	29	18	8	10	11	11	22	15	20	31	11	15	15	15	11	11	19	21	14	15	17	18	33	38	12	10	↑		↑
5b	VC	15	22	16	10	14	14	11	13	11	13	12	30	18	8	10	11	11	22	15	20	31	11	15	15	15	11	11	19	21	14	15	17	17	33	38	12	10			↑
	JD	14	26	15	11	13	16	11	13	11	12	11	28	18	8	10	10	12	25	15	21	27	14	14	15	15	10	9	19	19	14	13	16	18	35	35	12	10			
5*	ID	14	26	15	11	13	16	11	13	11	12	11	28																												
	DD	15	23	15	10	16	16	11	13	11	13	12	31	18	8	9	11	11	26	16	20	28	11	14	15	15	11	11	19	21	15	14	18	18	30	38	12	10			
	DR2	14	22	15	11	14	14	11	13	11	12	11	29	16	9	9	11	11	23	16	21	31	12	13	13	14	10	11	20	20	15	13	13	18	37	38	11	10	↑		
	DT2	13	25	15	11	14	12	12	10	13	11	11	30	15	9	10	11	11	23	14	20	31	12	12	14	15	12	11	19	21	16	16	17	17	35	36	12	11			
Ewing modal		13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12	↑	↑	↑

↑ signifies that additional data are available.

Differences are shaded with respect to the 5a modal haplotype.

results of Jim Cullen's haplogroup predictor at <http://members.bex.net/jtcullen515/HaploTest.htm>

JD Ix-S23 =>100% (I think this is old I1b2)
I-S23-C =>72% I-S23-B =>25% I-S23-A =>3%

HN I-S24 =>76% I-M253 =>12% I-S31* =>9% I-P37.2 =>1%
I-M284-Isles/E =>100%

DD I-S24 =>93% G , G5 =>6%
I-M284-Isles/Sc =>52% I-M223-Cont2a =>38% I-M223-Cont2b =>7% I-M284-Isles/E =>2%

DR2 G , G2 =>100%
Whit Athey's predictor: G2a 100%, fitness score 87

DT2 R1a-Norse =>57% R1a1-English =>32% R1a =>9%
Whit Athey's predictor: R1a 100%, fitness score 36

ww E3a =>35% E3b-V22 =>21% E3b =>11% E3b-M78 =>11% E3b-V13 =>11% Fx =>5% H =>2% G , G2 =>1% E3b-V12 =>1%
Whit Athey's predictor: E1b1a 100%, fitness score 84

Markers 38-67 in FTDNA order

HN	11	8	15	16	8	12	10	8	11	9	0	19	22	16	11	12	12	17	9	14	24	20	11	13	13	13	11	11	12	11
WM	11	8	15	16	8	12	10	8	11	9	0	19	22	16	11	12	12	17	9	14	24	20	11	13	13	13	11	11	12	11

Differences shaded with respect to M222+ modal

Note: DYS 425 = null.

DD	15	23	15	10	16	16	11	13	11	13	12	31	18	8	9	11	11	26	16	20	28	11	14	15	15	11	11	19	21	15	14	18	18	30	38	12	10
DH	13	24	15	11	11	15	12	12	12	12	13	28	18	9	10	11	11	25	15	19	29	15	15	17	17	11	12	19	23	16	14	18	17	36	38	12	12

DH differences shaded with respect DD