

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	111-markers	DYF399X	SNP testing							
		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	↑		↑	↑
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	↑		↑	↑
1a	EG2	13	25	15	11	11	13	12	12	14	13	14	29	17	9	10	11	11	25	14	18	31	15	16	16	17	11	11	19	23	18	16	17	17	37	38	11	12				
	RL	13	25	15	11	11	13	12	12	12	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	17	10	11	19	23	18	16	19	17	37	38	11	12				
	WK	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	22	18	15	18	17	37	38	11	12			↑	
	BE	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	22	18	16	18	17	37	37	11	12				↑
	AS	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	22	18	16	18	17	37	37	11	12	↑	↑		
	FE	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	10	19	22	18	16	18	17	37	38	11	12				
	LE	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	22	18	16	19	17	37	38	11	12				
	RD	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	22	18	16	18	17	37	38	11	12			↑	
	RP	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	22	18	16	18	17	37	38	11	12				
	ES	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	22	18	16	18	17	37	37	11	12				
	GW	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	19	17	37	38	11		↑		↑	
	RB	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	19	17	37	38	11	12			↑	
JE*	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					
MA	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	39	11	12					
TN*	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					
JP	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	35	38	11	12					
1b	EF	13	25	15	11	11	13	12	12	12	13	14	29	18	9	10	11	11	25	15	18	31	15	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12				
	HB	13	26	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	15	18	18	36	38	11	12				
	GR	13	25	15	10	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	17	9	11	19	23	18	16	18	17	37	38	11	12			↑	
	SR	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	18	37	38	11	12	↑	↑	↑	
	DN	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	19	17	37	38	11	12	↑	↑	↑	↑
	WA2	13	25	15	11	11	13	12	12	13	13	14	29	18	9	10	11	11	25	15	18	31	15	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12	↑	↑		
	HW	13	25	15	12	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			↑	
	RI*	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				
	CK*	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				
DD2	13	25	15	11	11	13	12	12	13	13	14	29	18	9	10	11	11	25	15	18	31	15	16	16	17	11	11	19	23	18	16	18	17	37	39	11	12					
JG*	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					
1c	WC	13	25	15	11	11	13	12	12	12	13	14	29	17	9	10	11	11	25	14	18	31	15	16	16	17	11	11	19	23	18	16	17	17	37	38	11	12			↑	↑
	JD2*	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				
	SC	13	25	15	11	11	13	12	12	11	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	↑		↑	
	DC	13	25	15	11	11	13	12	12	11	13	14	29																													
	DL2*	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			↑	
PA2	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	10	19	23	18	16	18	17	37	38	11	12			↑		

Differences are shaded with respect to the Ewing modal haplotype; \* signifies exact match.

↑ signifies that additional data are available.

See next page for Groups 1d-1h and 1\*

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	111-markers	DYF399X	SNP testing							
		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	↑		↑	↑
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	↑		↑	↑
1d	WE3	13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	16	11	11	19	23	17	16	18	17	37	38	11	12			↑	
	WR3	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	38	38	11	12			↑	
	CE*	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			↑	
1e	JC	13	24	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	36	39	11	12	↑		↑	↑
	JC3	13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	30	15	16	16	17	11	11	19	23	18	16	18	17	36	39	11	12				
1f	JF	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	17	16	18	17	36	38	11	12				
	JH	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	36	38	11	12				
1g	FI	13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	30	15	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12	↑		↑	
	ML	13	25	15	11	11	13	12	12	13	13	14	29	18	9	10	11	11	25	15	18	30	15	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12				
	DT	13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	30	15	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12	↑			
1h	CA	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	16	37	38	11	12			↑	
	WL	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	18	37	38	11	12				
1*	JNM	13	25	14	11	11	12	12	12	13	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	17	11	11	19	19	17	16	19	17	37	39	11	12	↑			
	LC	13	25	14	11	12	13	12	12	12	13	14	29																													
	TGS	13	25	15	11	11	13	12	12	14	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	40	11	12				
	FLH	13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	16	11	11	19	23	18	16	18	17	37	39	11	12				
	DJ	13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	16	11	11	19	23	18	16	18	17	37	38	11	12				
	DC2	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	37	11	12				↑
	DF	13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	18	11	11	19	23	17	16	18	17	38	38	11	12	↑			
	EA	12	26	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	26	15	18	31	15	16	16	17	11	12	19	23	18	16	18	17	36	38	11	12	↑		↑	
	CW	13	25	15	11	11	13	12	12	13	13	14	29	16	9	10	11	11	25	15	18	31	16	16	16	17	11	11	19	23	18	16	18	17	37	37	11	12				↑
	WP	13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	31	16	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12				
	RA	13	24	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	19	17	37	38	11	12				
	MT	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	12	19	23	18	16	18	17	36	38	11	12	↑		↑	
	CHY	13	25	15	11	11	13	12	12	13	13	14	29	17	9	9	11	11	25	15	18	31	15	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12	↑			
	JS	13	25	15	11	11	13	12	12	13	13	14	29	18	9	9	11	11	25	15	18	31	15	15	16	16	11	11	19	23	19	16	17	17	37	37	11	12	↑			
	WC3	13	25	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	25	15	18	31	15	15	16	17	11	11	19	23	18	16	18	17	37	38	11	12	↑		↑	
	RG2	13	25	15	11	11	14	12	12	13	13	14	29	17	9	10	11	11	25	15	18	32	15	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12				
	DG3	13	26	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				
	MS	13	26	15	11	11	13	12	12	13	13	13	29	17	9	10	11	11	25	15	18	32	16	16	16	17	11	11	19	23	18	16	18	17	37	37	11	12	↑			
	TF	13	26	15	11	11	13	12	12	14	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	17	11	11	19	23	18	16	18	18	37	38	11	12	↑		↑	
	DL	13	26	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	18	38	38	11	12	↑		↑	

Differences are shaded with respect to the Ewing modal haplotype; \* signifies exact match.

↑ signifies that additional data are available.

JS 13 25 15 11 11 13 12 12 13 13 14 29 18 9 9 11 11 25 15 18 31 15 15 16 16 11 11 19 23 19 16 17 17 37 37 11 12

These are some notes made in trying to understand the implications in the project of DYS390 = 26.

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
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These are 37-marker results in FTDNA order; differences are shaded with respect to the Ewing modal.

**A closer look at the DYS 390 = 26 group. It sure looks like TF & DL are closely related to HB, and it is not impossible that MS is, too.**

1*	MS	13	26	15	11	11	13	12	12	13	13	13	29	17	9	10	11	11	25	15	18	32	16	16	16	17	11	11	19	23	18	16	18	17	37	37	11	12
	EA	12	26	15	11	11	13	12	12	13	13	14	29	17	9	10	11	11	26	15	18	31	15	16	16	17	11	12	19	23	18	16	18	17	36	38	11	12
	DG3	13	26	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
	TF	13	26	15	11	11	13	12	12	14	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	17	11	11	19	23	18	16	18	18	37	38	11	12
	DL	13	26	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	18	38	38	11	12
1b	HB	13	26	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	15	18	18	36	38	11	12

These are markers 38-67 in FTDNA order; both exactly match the Ewing modal which is the same as the M222+ modal.

TF	11	9	15	16	8	10	10	8	10	10	12	21	23	16	10	12	12	16	8	12	25	20	13	12	11	13	11	11	12	12
DL	11	9	15	16	8	10	10	8	10	10	12	21	23	16	10	12	12	16	8	12	25	20	13	12	11	13	11	11	12	12

TF & RA have similar DYS399X Results, but are at genetic distance 5 on the 37-marker panel.

TF	13	26	15	11	11	13	12	12	14	13	14	29	17	9	10	11	11	25	15	18	31	15	16	16	17	11	11	19	23	18	16	18	18	37	38	11	12
RA	13	24	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	19	17	37	38	11	12

As to whether MS could be a descendant of James Ewing of Inch via Alexander b 1693/4

MS	13	26	15	11	11	13	12	12	13	13	13	29	17	9	10	11	11	25	15	18	32	16	16	16	17	11	11	19	23	18	16	18	17	37	37	11	12
EF	13	25	15	11	11	13	12	12	12	13	14	29	18	9	10	11	11	25	15	18	31	15	16	16	17	11	11	19	23	18	16	18	17	37	38	11	12
SR	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	18	37	38	11	12
DN	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	19	17	37	38	11	12