

Group	ID	DYS710	DYS485	DYS632	DYS495	DYS540	DYS714	DYS716	DYS717	DYS505	DYS556	DYS549	DYS589	DYS522	DYS494	DYS533	DYS636	DYS575	DYS638	DYS462	DYS452	DYS445	DYS441	Y-GAIA-1B07	DYS525	DYS712	DYS593	DYS650	DYS532	DYS715	DYS504	DYS513	DYS561	DYS552	DYS726	DYS635	DYS567	DYS643	DYS497	DYS510	DYS434	DYS461	DYS435				
M222 Modal		35	15	9	16	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	19	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
Ewing Modal		36	15	9	17	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	20	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
1*	EA	35		9	17	12	24	26	19	12	11	12	11	11	9	13	12	10	11	11	30	12	13		13	10	10	22	15	19	13	23	17	13	15	24	12	23		10	14	17	9	12	11		
1a	AS	36	15	9	17	12	24	26	19	12	11	12	12	10	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	19	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
1b	DN	36	15	9	17	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	20	15	19	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
	WA2	36	15	9	17	12	24	26	19	12	11	12	11	11	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	20	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
1c	SC2	36	15	9	17	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	20	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
1e																																															
1g																																															
2*	MD	36	15	9	17	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	20	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
	RK																				11	30	12	13	24	13	10											23									
	JL	36	15	9	17	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	22	15	20	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
	GE	36	15	9	17	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	20	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
	SC2	36	15	9	17	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	20	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
2a	JN	36	15	9	17	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	20	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
	WR	36	15	9	17	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	21	15	20	13	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
2c																																															
3b	JMK	35	15	9	16	12	24	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	22	15	18	14	24	17	13	15	24	12	23	18	10	14	17	9	12	11		
4*	HWM	33	15	9	16	12	26	26	21																																						
4a	HM2	35	15	9	16	12	22	26	19	12	11	12	12	11	9	13	12	10	11	11	30	12	13	24	13	10	10	19	15	19	13	24	14	13	15	24	12	23	18	10	14	17	9	12	11		
4b																																															
4c	PT	36	15	9	16	12	26	26	19	11	11	13	12	10	9	12	12	10	11	11	30	12	13	25	13	10	10	20	15	20	15	24	16	12	15	24	12	23	18	10	14	16	9	11	11		
	RL2	36	15	9	16	12	26	26	19	11	11	13	12	10	9	12	12	10	11	11	30	12	13	25	13	10	10	20	15	19	15	24	16	12	15	24	12	23	18	9	14	16	9	11	11		
5*																																															
5a																																															

Differences shaded with respect to the Ewing modal haplotype in Groups 1, 2 and 3, but no shading attempted in Groups 4 & 5.

M222 modal based on 53 haplotypes on the R:M222 FTDNA Project site <http://www.familytreedna.com/publicwebsite.aspx?vgroup=R1b1c7&section=yresults>