Warburton Dutton DNA Results																						
			Genetic								Panel 1											
Code	Earliest Ancestor	Current Location	Distance from mode	Markers		DYS393	DYS390	DYS19	DYS391	DYS385a	DYS385b	DYS426	DYS388	DYS439	DYS389i	DYS392	DYS389ii		DYS458	DYS459a	DYS459b	DYS455	DYS454
Z305 mode						13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
R156 mode						13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
King's Cluster mode (DF98)						13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
Cheshire Mode						13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
H1564	William (1740-1820), Mobberley, Cheshire	Somerset	0	43		13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
H1112	John (c1608-1691), Hale Barns, Cheshire	Monmouthshire	3	67		13	24	14	11	11	14	12	12	12	13	13	29	1	16	9	10	11	11
224096	Thomas (1810-1893), Culcheth, Warrington, Lancashire	Canada	3	37		13	24	14	11	11	14	12	12	12	13	13	29	1	17	9	10	11	11
H1572	John (c1734-1823), Houghton Green, Lancashire	California	1	43		13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
H1579	John (c1734-1823), Houghton Green, Lancashire	British Columbia	1	43		13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
H1580	John (1809-), Ince, Cheshire	Cheshire	2	43		13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
H1574	Hamlet (c1635-1700), Warrington, Lancashire	British Columbia	3	43	1	13	24	14	10	11	14	12	12	12	13	13	29		17	9	10	11	11
H1578	George (c1674-1735), Warburton, Cheshire	Kansas	4	43		13	24	14	11	11	14	12	12	12	13	13	29	2	18	9	10	11	11
224421	John (c 1754-1821) Warrington, Lancashire	Cheshire	4	37	2	14	24	14	11	11	14	12	12	13	13	13	29		17	9	10	11	11
306676			2	37	1	13	24	14	11	11	14	12	12	11	13	13	29	1	17	9	9	11	11
Dutton Mode						13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
102173	Pennsylvania		0	25		13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
12715	Pennsylvania		2	37		13	24	14	11	11	14	12	12	12	13	13	29		17	9	10	11	11
N49453	Birkenhead		1	67		13	24	14	11	11	14	12	12	12	13	13	29	1	17	9	10	11	11
75848	Mike Dutton (Maryland)		5	67	1	13	24	14	12	11	14	12	12	12	13	13	29	1	17	9	10	11	11
159028	Maryland		4	67	1	13	24	14	12	11	14	12	12	12	13	13	29		17	9	10	11	11
			35																			
			Note markers 68-111 excluded from above count																			
						DYS393	DYS390	DYS19	DYS391	DYS385a	DYS385b	DYS426	DYS388	DYS439	DYS389i	DYS392	DYS389ii		DYS458	DYS459a	DYS459b	DYS455	DYS454
	Colour Code		Different to the mode																			
			Defines the King's Cluster (along with DF98)																			
			Defines Dutton clan																			
			Uncommon allele values (excludes markers where all values less than 50%)																			
			Uncommon allele used to define Dutton Clan																			
			Differences in older SNP marker modes from the Dutton-Warburton mode																			

Warburton - Dutton DNA Results

	Panel 2								Panel 3																					
DYS447	DYS437	DYS448	DYS449	DYS464a	DYS464b	DYS464c	DYS464d		DYS460	GATA H4	YCAIIa	YCAIIb	DYS456	DYS607	DYS576	DYS570	CDY a	CDY b	DYS442	DYS438		DYS531	DYS578	DYF359S1	DYF359S1	DYS590	DYS537	DYS641	DYS472	DYS406S1	DYS511
25	15	19	29	15	15	16	17		11	11	19	23	15	15	17	17	36	38	12	12		11	9	15	16	8	10	10	8	10	10
25	15	19	29	15	15	16	17		11	11	19	23	15	15	17	17	37	38	12	12		11	9	15	16	8	10	10	8	10	10
25	15	19	29	15	15	16	17		11	11	19	23	16	15	17	17	37	38	12	12		11	9	16	16	8	10	10	8	10	10
25	14	19	30	15	15	16	16		11	11	19	23	16	15	18	18	35	38	12	12		11	9	16	16	8	10	10	8	10	10
25	14	19	30	15	15	16	16		11	11	19	23	16						12	12											
25	14	19	30	15	15	16	16	2	11	11	19	23	16	15	18	17	36	38	12	12		11	9	16	16	8	10	10	8	10	10
25	14	19	30	15	15	15	16	2	11	11	19	23	16	15	18	18	34	38	12	10											
25	14	19	30	15	15	16	16		11	11	19	23	16						12	12	1										
25	14	19	30	15	15	16	16		11	11	19	23	16						12	12	1										
25	14	19	30	15	15	16	16	1	11	11	19	23	15						12	12	1										
25	14	19	30	15	15	16	16	1	11	11	19	23	15						12	12	1										
25	14	19	30	15	15	15	16	1	11	11	19	23	16						11	12	1										
25	14	19	30	15	15	16	16	2	11	11	19	23	15	15	17	18	35	38	12	12											
25	14	19	30	15	15	16	16		11	11	19	23	16	15	18	18	35	38	12	12											
25	14	19	30	15	15	16	16		11	11	19	23	16	15	18	18	35	38	12	12		11	9	16	16	8	10	10	8	10	10
25	14	19	30	15	15	16	16																								
25	14	19	30	15	15	16	16	2	10	11	19	23	16	15	18	18	34	38	12	12											
25	14	19	30	15	15	16	17		11	11	19	23	16	15	18	18	35	38	12	12		11	9	16	16	8	10	10	8	10	10
24	14	19	30	15	15	16	16	2	11	11	19	23	16	15	18	19	35	38	12	13	1	11	9	16	16	8	10	10	8	10	10
25	14	19	30	15	15	16	16	3	11	11	19	23	16	15	18	19	35	37	12	13		11	9	16	16	8	10	10	8	10	10

DYS447		DYS448	DYS449	DYS464a	DYS464b	DYS464c	DYS464d		DYS460	TAGAH4	YCAIIa	YCAIIb	DYS456	DYS607	DYS576	DYS570	CDY a	CDY b	DYS442	DYS438		DYS531	DYS578	DYF359S1	DYF359S1	DYS590	DYS537	DYS641	DYS472	DYS406S1	DYS511

Warburton - Dutton DNA Results

67 Marker

DYS425	DYS413	DYS413	DYS557	DYS594	DYS436	DYS490	DYS534	DYS450	DYS444	DYS481	DYS520	DYS446	DYS617	DYS568	DYS487	DYS572	DYS640	DYS492	DYS565	DYS710	DYS485	DYS632	DYS495	DYS540	DYS714	DYS716	DYS717	DYS505	DYS556	DYS549	DYS589
12	23	23	16	10	12	12	15	8	12	22	20	13	12	11	13	11	11	13	12	35	15	9	16	12	26	26	19	12	11	13	12
12	23	23	16	10	12	12	15	8	12	22	20	13	12	11	13	11	11	13	12	35	15	9	16	12	26	26	19	12	11	13	12
12	23	23	15	10	12	12	15	8	12	22	20	13	12	11	13	11	11	13	12	34	15	9	16	12	26	26	19	12	11	13	12
12	23	23	15	10	12	12	15	8	12	23	20	12	12	11	13	11	11	13	12	36	15	9	16	12	26	26	19	12	11	14	12
									12			12																			
12	23	23	15	10	12	12	15	8	12	23	20	12	12	11	13	11	11	13	12	36	15	9	16	12	26	27	19	12	11	14	12
									13			12																			
									13			12																			
									12			13																			
									11			12																			
									11			12																			
12	23	23	15	10	12	12	15	8	12	23	20	12	12	11	13	11	11	13	12	36	15	9	16	12	26	26	19	12	11	14	12
12	23	23	15	10	12	12	15	8	12	23	20	12	12	11	13	11	11	13	12												
12	23	23	15	10	12	12	16	8	12	23	20	12	12	11	13	11	11	13	12	36	15	9	16	12	26	26	19	12	11	14	12
12	23	23	15	10	12	12	15	8	12	23	20	12	12	11	13	11	11	13	12	36	15	9	16	12	26	26	19	12	11	14	12

DYS425	DYS413	DYS413	DYS557	DYS594	DYS436	DYS490	DYS534	DYS450	DYS444	DYS481	DYS520	DYS446	DYS617	DYS568	DYS487	DYS572	DYS640	DYS492	DYS565	DYS710	DYS485	DYS632	DYS495	DYS540	DYS714	DYS716	DYS717	DYS505	DYS556	DYS549	DYS589

Warburton - Dutton DNA Results

111 marker

DYS522	DYS494	DYS533	DYS636	DYS575	DYS638	DYS462	DYS452	DYS445	GATAA10	DYS463	DYS441	GGAAT1B07	DYS525	DYS712	DYS593	DYS650	DYS532	DYS715	DYS504	DYS513	DYS561	DYS 552	DYS726	DYS635	DYS587	DYS643	DYS497	DYS510	DYS434	DYS461	DYS435
10	9	12	12	10	11	11	30	12	13	24	13	10	10	20	15	19	13	24	17	12	15	24	12	23	18	10	14	17	9	12	11
10	9	12	12	10	11	11	30	12	13	24	13	10	10	20	15	19	13	24	17	12	15	24	12	23	18	10	14	17	9	12	11
10	9	12	12	10	11	11	30	12	13	24	13	10	10	20	15	19	13	24	17	12	15	24	12	23	18	10	14	17	9	12	11
10	9	12	12	10	11	11	30	12	13	24	13	10	10	20	15	19	13	25	17	12	15	25	12	22	18	11	14	17	9	12	11
						11	30	12	13	24	13	10												22						12	
10	9	12	12	10	11	11	30	12	13	24	13	10	10	20	15	19	13	25	17	12	15	25	12	22	18	11	14	17	9	12	11
						11	30	12	13	24	13	10												22						12	
						11	30	12	13	24	13	10												22						12	
						11	30	12	13	24	13	10												22						12	
						11	30	12	13	24	13	10												22						12	
						11	30	12	13	24	13	10												22						12	
10	9	12	12	10	11	11	30	12	13	24	13	10	10	20	15	19	13	25	17	12	15	25	12	22	18	11	14	17	9	12	11
10	9	12	12	10	11	11	30	12	12	24	13	10	10	20	15	19	13	25	17	12	15	25	12	22	18	11	14	17	9	12	11
10	9	12	12	10	11	11	30	12	12	24	13	10	10	20	15	19	13	25	17	12	15	25	12	22	18	11	14	17	9	12	11

DYS522	DYS494	DYS533	DYS636	DYS575	DYS638	DYS462	DYS452	DYS445	GATAA10	DYS463	DYS441	GGAAT1B07	DYS525	DYS712	DYS593	DYS650	DYS532	DYS715	DYS504	DYS513	DYS561	DYS 552	DYS726	DYS635	DYS587	DYS643	DYS497	DYS510	DYS434	DYS461	DYS435