



Mr. Hugh Ivo Frazer

Your sample # **575981**

This Certificate confirms that you have had your DNA analyzed by Family Tree DNA. The outcome from each of the one hundred eleven Loci examined is reported in the table below. If your alleles for the one hundred eleven Loci match another person exactly, then you share the same Haplotype.

Allele	DYS393	DYS390	DYS19	DYS391	DYS385	DYS426	DYS388	DYS439	DYS389-I	DYS392	DYS389-II	
	13	24	14	10	11-14	12	12	12	13	13	30	
Allele	DYS458	DYS459	DYS455	DYS454	DYS447	DYS437	DYS448	DYS449	XXXXXXXXXXXXDYS464			
	17	9-10	11	11	25	15	19	30		15-15-17-18		
Allele	DYS460	GATA-H4	YCAII	DYS456	DYS607	DYS576	DYS570	CDY	DYS442	DYS438		
	10	11	19-23	16	14	18	18	37-37	12	11		
Allele	DYS531	DYS578	DYF395S1	DYS590	DYS537	DYS641	DYS472	DYF406S1	DYS511			
	11	9	15-15	8	10	10	8	10	10			
Allele	DYS425	DYS413	DYS557	DYS594	DYS436	DYS490	DYS534	DYS450	DYS444	DYS481	DYS520	DYS446
	12	23-23	16	10	12	12	14	8	12	20	20	13
Allele	DYS617	DYS568	DYS487	DYS572	DYS640	DYS492	DYS565					
	12	11	13	11	11	12	12					
Allele	DYS710	DYS485	DYS632	DYS495	DYS540	DYS714	DYS716	DYS717				
	35	15	9	16	13	26	26	20				
Allele	DYS505	DYS556	DYS549	DYS589	DYS522	DYS494	DYS533	DYS636	DYS575	DYS638		
	12	11	13	11	10	9	12	11	10	11		
Allele	DYS462	DYS452	DYS445	Y-GATA-A10	DYS463	DYS441	Y-GGAAT-1B07	DYS525				
	11	30	13	14	24	13	10	11				
Allele	DYS712	DYS593	DYS650	DYS532	DYS715	DYS504	DYS513	DYS561	DYS552			
	19	15	18	14	24	16	12	16	24			
Allele	DYS726	DYS635	DYS587	DYS643	DYS497	DYS510	DYS434	DYS461	DYS435			
	12	23	18	10	14	17	9	12	11			

February 17, 2017

Gerald A. Brown