

This is to certify that

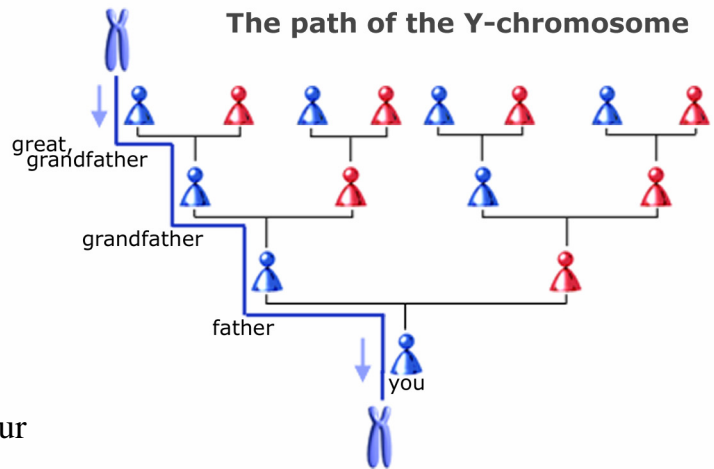
James Allan Pearsall

has had a Y-chromosome analysis performed by DNA Heritage.

Passed from father to son every generation, the Y-chromosome is a genetic legacy tracing back up the direct paternal line.

At each Y-chromosome marker, there are regions of DNA that are repeated several times. This DNA sequence is copied exactly when it is passed onto future generations - it is this similarity that is used to trace paternal lineages.

Occasionally however, small changes in that marker do occur resulting in different repeat numbers - it is these differences that make your haplotype distinctive from other lineages.



Marker Name	No. of Repeats	Marker Name	No. of Repeats
DYS19	15	DYS452	11
DYS385a	12	DYS454	11
DYS385b	15	DYS455	11
DYS388	15	DYS456	14
DYS389i	14	DYS458	17
DYS389ii	30	DYS459a	8
DYS390	23	DYS459b	9
DYS391	10	DYS460	10
DYS392	11	DYS461	12
DYS393	13	DYS462	12
DYS426	11	DYS463	20
DYS437	14	DYS464a	11
DYS438	10	DYS464b	14
DYS439	11	DYS464c	14
DYS441	15	DYS464d	15
DYS442	12	GATAA10	14
DYS444	14	GATAC4/ DYS635	21
DYS445	11	TAGAH4	11
DYS446	11	GGAAT1B07	11
DYS447	25	YCAIIa	21
DYS448	18	YCAIIb	21
DYS449	28		

Your 43-marker results show the number of repeats for any given marker.

Your test involved the use of internationally-recognised standards and testing protocols ensuring that you can confidently compare your results with others. Any comparison should only be made with individuals who share your surname, or have a similarly spelled surname.

Sample number: AM2Y657

Analysis date: 11/30/2005

Alastair Greenshields
Principal
DNA Heritage

