This pdf document was produced from a St*r**v*nt Genetic Project web page, currently (Fall 2007) located at:

- Find a Match html

This is a somewhat simple but effective graphic depiction of the course of the Y-chromosome and mtDNA in a family tree.

The path of the y-chromosome is drawn in yellow, and the mtDNA drawn in green.

This family tree depicts 3 generations, a Father/Mother, their 2 Sons 2 Daughters. There are also 8 grand children; presented as 4 grandsons (GS) and 4 granddaughters (GD).

The black lines represent the DNA contribution of the spouse, either as the different y-chromosome from husbands, or the different mtDNA from wives. By different, I mean that it was DNA, not provided by the starting husband and wife.

Use this as a model to draw out the information that you know, as far back as you know. There are only 3 rules.

1. The Y-Chromosome is ONLY passed from father to son.
2. mtDNA is passed from mother to daughter AND son.
3. The son cannot pass the mtDNA on.

Have fun!

jSS