

GENETIC GENEALOGY DNA RULES

1. Be sure you want to know what you don't know!
2. We have 23 PAIRS of chromosomes
3. Autosomal DNA tests our 23 numbered chromosomes
4. Autosomal DNA can *generally* be traced back 5 to 6 generations
5. We inherit half of our DNA from each parent
6. Only Males carry the Y chromosome and can test for Y-DNA
7. Males and females can test for MtDNA but only females pass it on to their children
8. Chromosome 23 has either XX or XY chromosomes
9. Males have one X chromosome from their mother
10. Females have two X chromosomes, one from each parent
11. A centimorgan (cM) is a measure of DNA chromosome segments
12. A person has about 7000 cMs, roughly 3500 from each parent
13. The number of shared cMs is roughly halved each generation
14. 99.999% of the time, DNA does not lie!

Genes

Chromosomes

DNA