

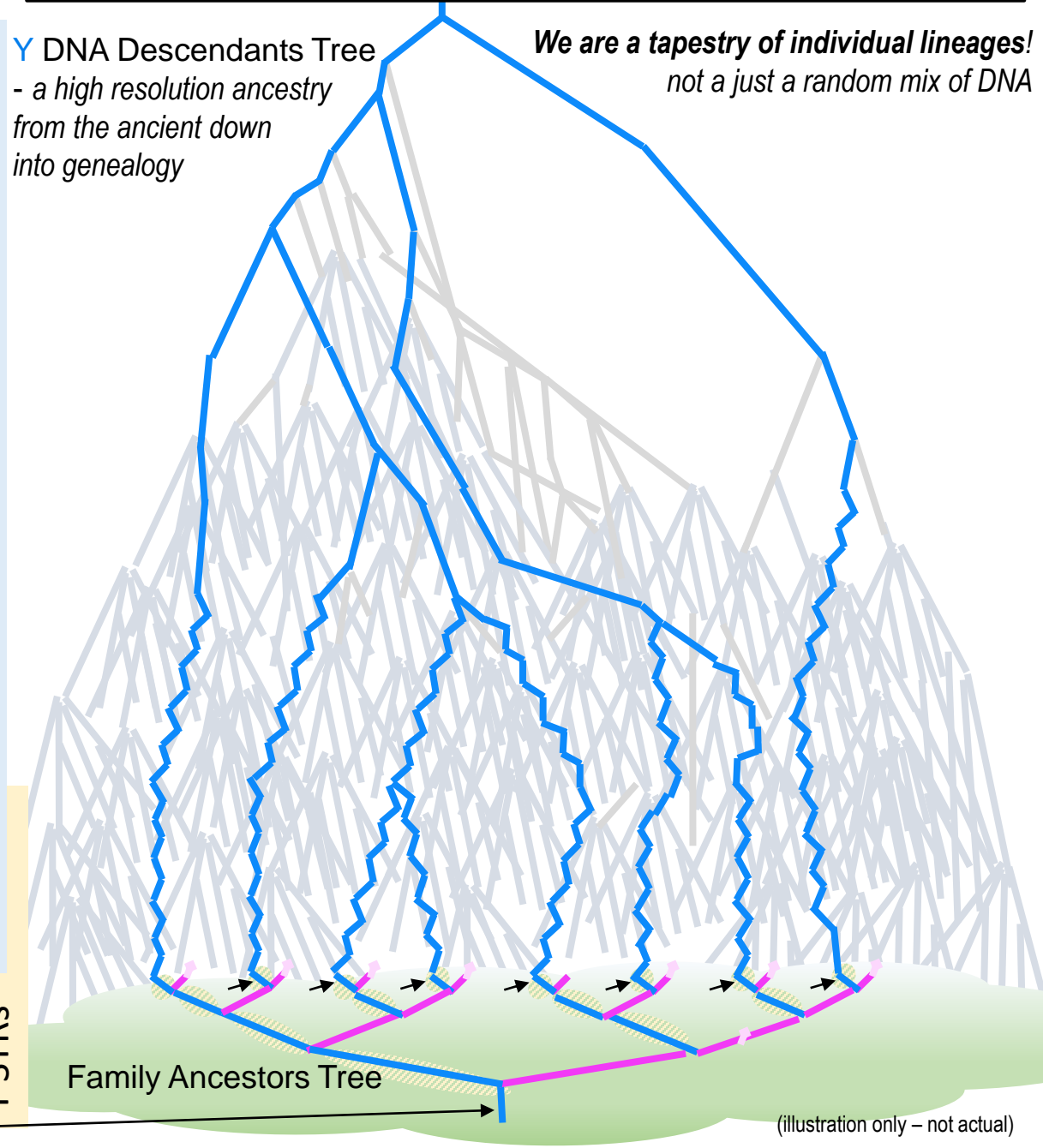
The Giant Tree of Mankind's Paternal Lineages

Timeframe
Approx. SNPs
back to tester*

Great Leap of Behavior Modernity (50,000 ybp)	420
Mesolithic	100
Neolithic/Farming	62
Bronze Age (4500 ybp)	37
Tribes ↓	
Common Era (CE) (2000 ybp 0 anno domni)	17
Clans/Kinsfolk ↓ Origins	
Surnames ↓ (1000 ybp)	7
16 gg-grandparents (8 Y)	1
8 g-grandparents (4 Y)	
4 grandparents (2 Y)	
2 parents (1 Y)	
Son/tester (1 Y)	

NGS Y SNPs

Y STRs



Use Big Y SNPs to track your eight great-great grandfathers' paternal lineages all the way back through thru fixed surnaming, clans, tribes and ancient cultures to the genetic Adam

Use Y111 and Big Y's Y Bonus STRs for added resolution in branching and to extend branching where SNPs are not known or found. Distinguish lineages within surnames and large families.

Use Family Finder/ GEDmatch to find male cousins under your 8 great-great grandfathers

Y DNA (Big Y) has SNPs about every 4 generations* SNPs supports a reliable, precise tree STR changes in Y500 occur every generation* www.facebook.com/groups/ftdna.big.y/ for more on Big Y

Mitochondrial DNA (mt FS) is in body of cells (not nucleus) and has 700 times* less locations tested vs Y mt DNA most useful as a disqualifier

Autosomal DNA (FF) washes out about 4-5 generations* back

* rough averages

(illustration only - not actual)