

## **Y- DNA and Mitochondrial DNA Haplogroups of Edward Gelles**

My studies of the history of European Jewry and their family genealogy using traditional methodology is receiving increasing support from DNA tests.

Most of my tests were carried out by Family Tree DNA of Houston, Texas, and I have shown numerous applications and results on line :

< Edward Gelles at Balliol College Archives & Manuscripts >.

My basic tests were the so-called “Family Finder “ showing autosomal DNA and X-DNA matches with many probands on the testing company’s large data base. This is probably the most fruitful of the tests for basic genealogical research. In association with “GEDmatch” the Family Finder data have been used in gaining pointers to the genetic admixtures of individuals against the background of millennial family migrations.

As for the Y-DNA and mitochondrial DNA tests which can show matches on the strictly paternal and the mother-daughter lines respectively, I initially took the Y-DNA 67 marker test and the HVR1 and HVR2 mitochondrial tests.

I upgraded to a FMS mitochondrial test last year (see the file on my web site “Benveniste and the Jews of Rhodes” (A12).

As for my Y-DNA 67 marker tests (see file “Genetic Genealogy and my ancestral background” (A 11).

The indicated matches pointed to a haplogroup R-M124. My upgrade to the Big Y-700 test showed a subclade of R – Y106847

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**upgrade of 18 July 2018 confirmed my mitochondrial DNA Haplogroup as K1a1b1a**

**upgrade of 14 December 2019 confirmed my Y-DNA Haplogroup as R-Y106847**

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