

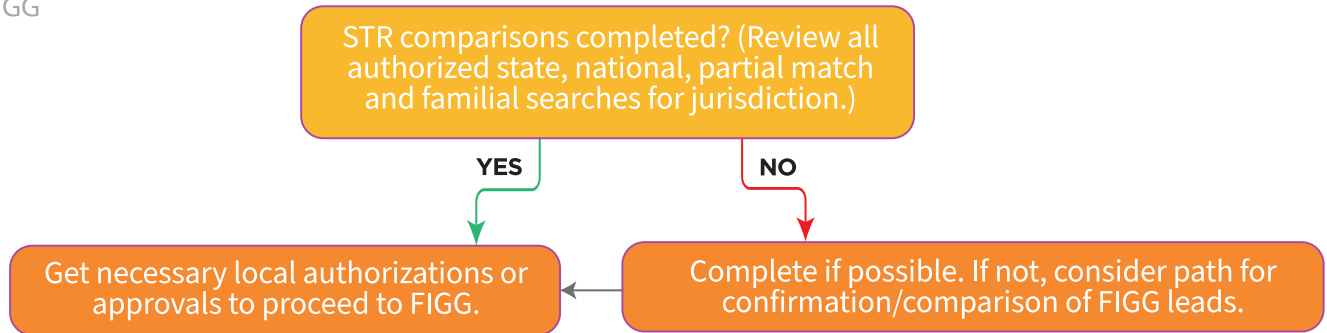
Law Enforcement DNA and Forensic Investigative Genetic Genealogy

For cold or active cases of unidentified human remains or crime scene DNA¹.
Process flow for DNA lab (side one) and genealogy team (side two).

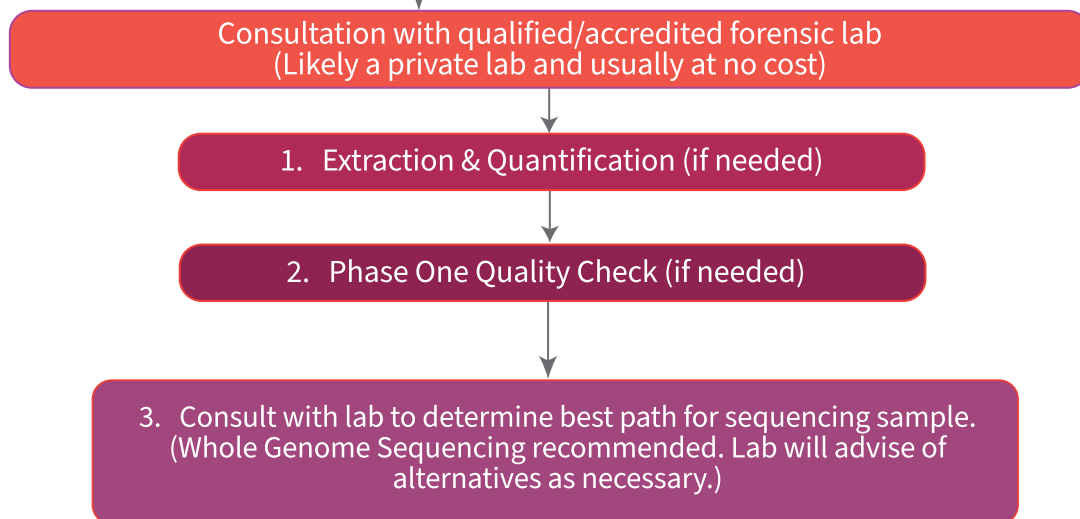
Check out our other FIGG resources here:



BEFORE FIGG



DNA LAB WORK FOR FIGG



PROCEED TO SEQUENCING

WHOLE GENOME SEQUENCING OUTPUT

Whole Genome Sequencing will yield a large FASTQ file.²
(Specifically formatted, smaller, files that can be uploaded to authorized genetic genealogy databases will be supplied.)

**PROCEED TO FILE UPLOAD & FIGG WORK
(SEE OTHER SIDE)**

¹ Consult with lab/genealogy team to ensure authorized for case (generally homicide or violent assault cases).
² Ensure lab selected will supply FASTQ file to LE agency upon request.

**LAW ENFORCEMENT DNA AND FIGG
(CONTINUED FROM LAB WORK ON OTHER SIDE)**

UPLOAD TO FIGG AUTHORIZED DATABASE

FIGG ALLOWED ONLY AT:

FamilyTree**DNA**

Pay FTDNA \$1,400 for upload and receive SNP-DNA relative list and access to tools.

[GEDmatch]

Pay GEDmatch Pro \$1,000 for upload and receive SNP-DNA relative list and access to tools.

 DNA JUSTICE

Upload for free at DNA Justice, a nonprofit DNA database, and receive SNP-DNA relative list¹.

FIGG WORK BEGINS

Genealogy team utilizes DNA relatives list and database tools to identify ancestors of FIGG DNA profile. Back & forth communication with LE contact may include requests for information/reference testing which may help rule out possible candidate lines. (May take days, months or longer depending upon distance of DNA relatives list.)

Investigative lead identified by FIGG team sent to LE Agency (May be an individual person, set of siblings, or cousin group)

LE Agency reviews and undertakes traditional (non-DNA) investigation [ex. proof of life in UHR case]

LEAD YIELDS A VIABLE CANDIDATE?

YES, PROCEED TO CONFIRMATION DNA TESTING

NO, ADDITIONAL FIGG WORK NEEDED

Return information to FIGG Team

LEAD CONFIRMATION

LE consults with appropriate local authorities for approvals & procedures for forensic DNA comparisons, especially for surreptitious DNA collection. (Usually STR comparison. Best to use LE's crime lab or accredited forensic lab for this step.)

LEAD CONFIRMED?

YES

NO

FIGG research ends

¹Upload Prices as of November 2024; likely to change.