FIGG Family Reference Confirmation Testing Information

Forensic Investigative Genetic Genealogy (FIGG) is an investigative technique to generate leads in unsolved violent crimes or unidentified human remains cases where DNA is present but remains unidentified. The unidentified DNA profile is searched in public databases accessible for law enforcement searching to attempt to identify a person of interest. Lists of potential relatives of the individual are generated and a genealogist builds family trees utilizing public records to potentially identify the person of interest.

Because genealogical research can produce multiple candidates, including individuals unknown to the researcher, it is essential that a final DNA comparison be performed to confirm the identity of the person of interest. Ideally, the evidence profile is compared to a known DNA sample from the potential individual. However, in unidentified remains cases or if the candidate is deceased, a known DNA standard may not be able to be obtained. When a direct comparison is not possible, a DNA sample from a close biological relative may be used. Statistical analysis can then assess the likelihood that the evidence profile is related to the volunteer's DNA, supporting identification or excluding the individual as the source of the evidence.

FIGG is reliant on trust, support and participation by members of the public. The following information is provided to help the volunteer understand how their DNA data is used and what steps are taken to ensure their privacy.

What will the volunteer's profile be used for?

The volunteer's profile will be compared to the evidence profile and statistics will be generated utilizing the specific context of the relationship between the volunteer and the candidate person of interest. For example, if the volunteer is a sibling of candidate, a statistical calculation will be performed that compares the likelihood of observing the evidence profile if the volunteer and the contributor of the evidence profile are siblings to the likelihood of observing the evidence profile if the volunteer and the contributor of the evidence profile are unrelated.

The profile will <u>not</u>, and <u>cannot</u> as per policy/procedures, be entered into the Combined DNA Index System (CODIS) or any other law enforcement databases.

The DNA profile will <u>not</u> be used for medical research.

The profile will <u>not</u> be utilized for comparison to other cases within the Indiana State Police Forensic Services Division.

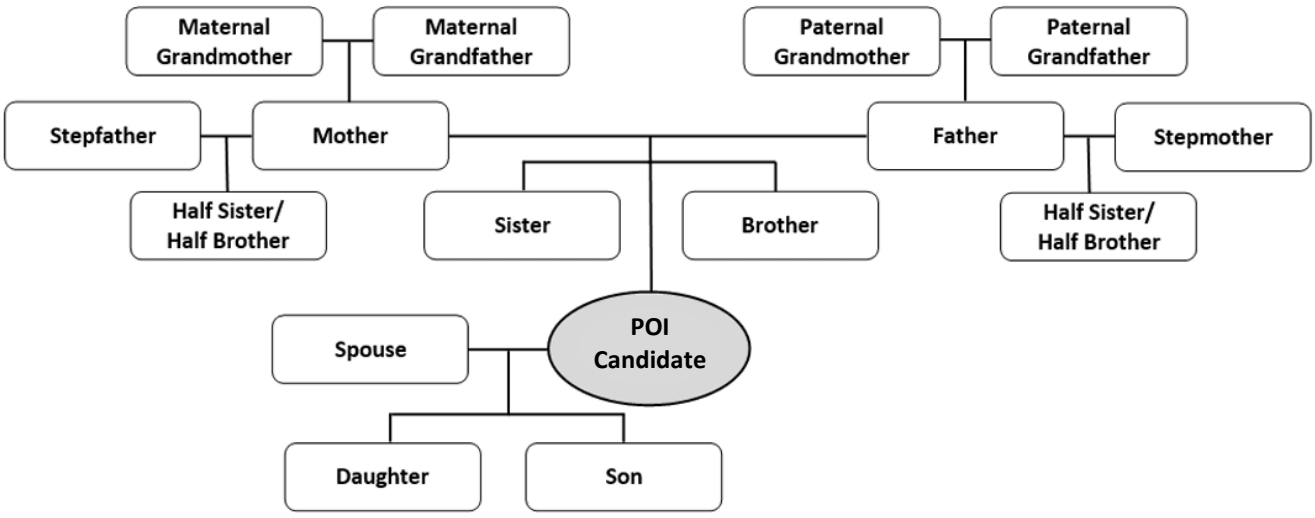
I have been provided with information regarding voluntary testing for Forensic Investigative Genetic Genealogy. I understand that I am not required or obligated to provide a DNA sample, and that my consent to test is knowingly and voluntarily made. I have been provided a copy of this information.

A sample of DNA will be collected by swabbing the inside of your cheek/mouth. This procedure should take no longer than a minute and should not cause any discomfort.

Volunteer Signature: _____

Printed Name: _____

Volunteer Relationship to POI (list and circle below): _____



Investigative Agency Case Number: _____

ISP FSD Case Number: _____

Investigative Witness Name: _____

Date: _____

Please include a signed copy of this form with the standard when it is submitted to the laboratory.