

# Genetic Core Laboratory, CCTS

The Genetic Core Laboratory, CCTS, provides consultative expertise, mentoring, and technical support for studies, while employing genetic technologies, including DNA sequencing, genotyping techniques, data collection, and statistical analyses. The DNA Sequencing and Genotyping Core Laboratory Program is composed of four major components:

1. Consultative and mentor-based support services that provide individual investigators with guidance in the design, application, and interpretation of their genetic studies
2. Expertise in issues relating to proper informed consent for genetic studies and genetic counseling for patients enrolled in the studies.
3. Sanger DNA sequencing and microsatellite and SNP genotyping services that generate preliminary data supporting translational genetic research studies.
4. Infrastructure for banking DNA and other samples from patient populations and management system for sample tracking.

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