Human Genotyping Lab

Core Overview:

The Human Genotyping Lab assists investigators to apply the genomic technologies to population-based research. The strategic plan is to create a link between basic science, clinical investigation and population-based research by integrating genomic sciences into our research program. The central hypothesis is that health disparities are related in part to ethnicity-specific DNA variants in critical genes that influence the susceptibility to common diseases. Morehouse School of Medicine has a long-standing interest on the studies of ethnic disparities and a longstanding strength on community outreach to underserved minority populations. Accordingly, the major objective of the MSM Human Genome Core Laboratory is to enhance the research capacity on these sample cohorts and upgrade our research to the molecular genetic level based on cutting-edge genomic technologies. We currently provide service on the novel SNP discovery and SNP genotyping service.

Equipment / Technology:

The lab provides 1) bioinformatic service and consultation regarding genetic variations, such as database search, interpretation and data integration, as well as small software development; 2) Bench services on high-throughput novel SNP detection (Transgenomic DHPLC) and SNP genotyping (Pyrosequencer); 3) services to support bench-free research, such as genomic DNA extraction and banking.

Service Charges:

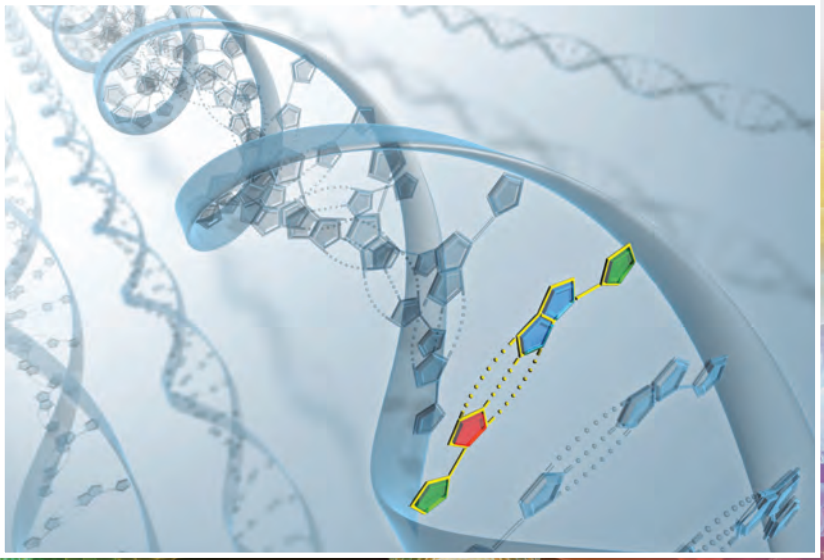
Currently, all services are charged on an hour-by-hour consultation basis. For more information pertaining to consultation, please contact the core leader directly.

RCMI
Research Centers in Minority Institutions
MOREHOUSE SCHOOL OF MEDICINE

Morehouse School of Medicine
Medical Education Building C
Research Core Facility
720 Westview Dr. SW
Atlanta, GA 30310
404.752.1500
www.msm.edu

Contact Information:

Dr. Qing Song
Human Genotyping Core Leader
qsong@msm.edu
404.752.1845



MOREHOUSE SCHOOL OF MEDICINE