NIH Genetic Testing Registry (GTR®)

A free international database of clinical and research molecular, cytogenetics and biochemical genetic tests and supporting information

ABOUT GTR®
- Includes single gene tests, panels, genomes and exomes
- Currently: 60,000+ tests, 12,000 conditions, 16,000+ genes, from 530 labs
- 1,000+ tests for somatic variants
- BRCA1 single gene tests (47), multigene panels (320); BRCA2 single gene tests (54), multigene panels (363)

GTR® provides a central location for laboratories to provide genetic test information and for clinicians and researchers to search and find genetic tests. It was developed to increase transparency in the genetic testing landscape.

Search by
- Test name
- Test services like custom mutation-specific / carrier testing
- Gene, number of genes, or germline vs. somatic
- Analytes / chromosomal regions / proteins
- Lab and staff name, location, or certifications
- Test purpose or specimen type
- Disease or phenotype
- Methodologies

LEARN ABOUT GENETIC TESTS AVAILABLE TO YOU
- Purpose and limitations
- Clinical utility
- Methodology
- Clinical and analytical validity
- Lab contacts and credentials, including CLIA and state licenses
- AMA CPT® and LOINC codes
- Evidence of the test’s usefulness
- Test ordering information

GTR® accepts submissions of clinical and research tests from laboratories from around the world
submit.ncbi.nlm.nih.gov/subs/gtr

The National Center for Biotechnology Information’s medical genetics and human variation resources (MGV) help the genetics community advance the understanding of medical genetics and associated clinical applications.

ClinVar
- user-submitted database for information about genomic variation and its relationship to human health.

MedGen
- aggregates information from and provides access to authoritative medical genetics resources.

Medical Genetics Summaries and GeneReviews®
- up-to-date, peer-reviewed, medically actionable summaries for heritable diseases and pharmacogenetics.

dbGaP
- database for genotype and phenotype research studies.

dbSNP and dbVar
- databases of small and large genomic variants including both common variations and clinical mutations.

GTR®
- provider-submitted database of clinical and research molecular, cytogenetic and biochemical genetic tests and supporting information.

OSIRIS
- Open source short tandem repeat (STR) analysis tool for forensic, clinical and research use.

Variation Viewer
- interactive browser for examination of nucleotide variants in a genomic context.

Contact us at info@ncbi.nlm.nih.gov
Follow us on Twitter @ncbi_clinical
Visit us at ncbi.nlm.nih.gov/variation/ to find out more