ClinVar

NCBI’s ClinVar is a freely available submission-driven database for information about genomic variation and its relationship to human health.

ClinVar aggregates clinical assertions about variants provided by clinical genetics testing laboratories and others.

ClinVar helps clinicians interpret genetic test results and diagnose disorders to improve patient outcomes.

SEARCH BY:

- Gene symbols
- Diseases and Phenotypes
- HGVS expressions
- Submitting organization
- RS numbers
- PubMed ID or other citation
- Protein changes

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.

**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.

**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.

**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.