

Get all human gene mutations with HGMD[®] Professional



HGMD Professional is uniquely up-to-date and comprehensive.



1. Stay up-to-date

Over **93,000** inherited disease-relevant mutations and polymorphisms in more than **3,500** genes – nearly 40% more than in the public version – ensure that you get the very latest data for your research.

By comparison, the public version of HGMD is nearly three years *out-of-date* and lacks over 25,000 disease-relevant mutations and polymorphisms.



2. Download

Save your search results as a text file or genome browser tracks, for easy reference and documentation. You may also obtain the entire database in downloadable form.

The public version of HGMD does not allow the downloading of mutation data.



3. Find any mutation

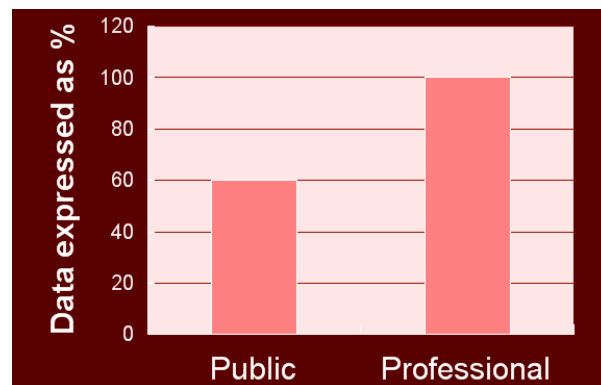
Search using wildcards by

- Keyword, title, text
- Mutation, Gene, Reference, Phenotype
- Synonyms and external identifiers

Browse mutations by chromosomal location, alphabetically, or via built-in mutation viewer maps.

HGMD Professional contains **detailed information** including additional supporting references, genomic coordinates, transcription factor binding sites, links to dbSNP, HGVS nomenclature, expanded cDNA sequences.

For a full list of benefits and a detailed comparison with the public version of HGMD, visit [HGMD Professional Benefits](#) or take a [guided tour online](#).



Feature	Public	Pro
Up-to-date Mutation Data	No	Yes
Downloadable Version	No	Yes
Advanced Search Tools	No	Yes
Full Coverage of Journals	Yes	Yes
Gene-centric Search	Yes	Yes
Search by Disease/Phenotype	No	Yes
Search by Gene Ontology	No	Yes
Search Full Text	No	Yes
Boolean Search	No	Yes
Mutation-centric Search	No	Yes
Reference-centric Search	No	Yes
Extended cDNA Sequences	No	Yes
Expanded Gene Information	No	Yes
Expanded Mutation Information	No	Yes
Mutation Viewer/Maps	No	Yes
Genomic Coordinates	No	Yes
Functional Polymorphisms	No	Yes
HGVS Nomenclature	No	Yes
Links to dbSNP rs numbers	No	Yes
Additional Literature References	No	Yes

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