



## Databases used for annotation in the Genome MaNaGer®

Database	Updated Schedule	Description
<b>ClinVar</b>	Monthly	Public archive reporting the relationships among human variations and phenotypes, with supporting evidence.
<b>OMIM</b>	Monthly	Comprehensive, authoritative compendium of human genes and genetic phenotypes.
<b>ExAc</b>	Most Recent Release	Exome Aggregation Consortium. Database of 60,706 unrelated individuals sequenced as part of various disease-specific and population genetic studies.
<b>1000 Genome Project</b>	Most Recent Release	Largest public catalogue of human variation and genotype data.
<b>dbSNP</b>	Live Link	Archive for genetic variation within and across different species developed and hosted by the National Center for Biotechnology Information (NCBI) in collaboration with the National Human Genome Research Institute (NHGRI).
<b>GeneCards</b>	Live Link	Database of human genes that provides genomic, proteomic, transcriptomic, genetic and functional information on all known and predicted human genes.
<b>PubMed</b>	Live Link	Access to medical publications.
<b>MSV3D</b>	Live Link	Database of human missense variants mapped to 3D protein structures.