

Who is using CellBase

CellBase has been proven to be an extremely powerful tool in a number of different environments. Some of the most important projects and institutions using CellBase are listed below:

- [Genomics England \(GEL\)](#). Also known as the 100K genomes project, will sequence 100,000 patients with rare inherited disease, common cancers and pathogens from the National Health System (NHS) in England. GEL is currently using CellBase as its variant annotation source.
- [The EMBL-EBI European Variation Archive \(EVA\)](#). EVA is an open-access database of all types of genetic variation data from all species. CellBase is used to query genome annotation and is the backend of the EVA-clinical repository. EMBL-EBI public installation of CellBase can be accessed at <http://www.ebi.ac.uk/cellbase/webservices>.
- [The International Cancer Genome Consortium \(ICGC\)](#), which aims to obtain a comprehensive description of genomic, transcriptomic and epigenomic changes in more than 50 different tumor types and subtypes. This project is using CellBase to retrieve genome annotations and sequences of reference genomes.
- [The Centre for Therapeutic Target validation \(CTTV\)](#). The CTTV is a public-private initiative funded by The EMBL-EBI, The Wellcome Trust Sanger Institute and Glaxosmithkline to generate evidence on the validity of therapeutic targets based on genome-scale experiments and analysis. CellBase is used to store and manage variant clinical data which are then integrated within the CTTV platform.
- The University of Cambridge offers public access to a CellBase installation at <http://bioinfo.hpc.cam.ac.uk/cellbase/webservices/>
- [Genome Maps](#) is a high-performance HTML5 genome browser that also visualizes BAM and VCF files stored in remote and local machines.
- [Babelomics](#) a gene expression, genome variation and functional profiling analysis suite.