

CellBase Home

Welcome to the CellBase documentation. You will find plenty of information in these pages regarding what CellBase project is, how to access public CellBase servers, implementation details, how to build and install clients/local servers and many other tutorials.

CellBase is open-source and freely available at <https://github.com/opencb/cellbase>

Recent space activity



- **Javier Lopez**

- [Building the CellBase database](#) updated Jul 19, 2018 • [view change](#)



- **Daniel Perez**

- [Python client library](#) updated Jun 18, 2018 • [view change](#)



- [REST Clients](#) updated Jun 18, 2018 • [view change](#)



- **Javier Lopez**

- [REST Clients](#) updated Jun 06, 2018 • [view change](#)



- [Download Sources](#) updated Nov 29, 2017 • [view change](#)



CellBase 4.5.3 released

Javier Lopez posted on Nov 22, 2017

Some important fixes made, please check

<https://github.com/opencb/cellbase/releases/tag/v4.5.2>

<https://github.com/opencb/cellbase/releases/tag/v4.5.3>

Web services updated and accessible at:

<http://bioinfo.hpc.cam.ac.uk/cellbase/webservices>



CellBase 4.5.1 released

Javier Lopez posted on Oct 11, 2017

Some important fixes made, please check

<https://github.com/opencb/cellbase/releases/tag/v4.5.1>

Web services updated and accessible at:

<http://bioinfo.hpc.cam.ac.uk/cellbase/webservices>



CellBase v4.5.0 Released

Javier Lopez posted on Sep 25, 2017

New data sources, new web services and many variant annotation improvements (structural variants annotation, new population frequencies datasets and much more).

Accessible now at

<http://bioinfo.hpc.cam.ac.uk/cellbase/webservices/>

Please, have a look to the release notes document at

<https://github.com/opencb/cellbase/releases/tag/v4.5.0>



Updated variation downloads

Javier Lopez posted on Jun 12, 2017

variation_chr*.full.json.gz GRCh37 files in our http download server have been updated to include gnomAD frequencies:

http://bioinfo.hpc.cam.ac.uk/downloads/cellbase/v4/homo_sapiens_grch37/variation/json/



CellBaseR Bioconductor

Javier Lopez posted on Jun 12, 2017

An R CellBase client (CellBaseR) is now distributed by Bioconductor

<https://bioconductor.org/packages/release/bioc/html/cellbaseR.html>



gnomAD population frequencies

Javier Lopez posted on Jun 02, 2017

gnomAD exomes and genomes population frequencies (GRCh37) are now provided as part of the variant annotation results:

<http://bioinfo.hpc.cam.ac.uk/cellbase/webservices/rest/v4/hsapiens/genomic/variant/19:45411941:T:C/annotation>

<http://gnomad.broadinstitute.org/>

Space contributors

- [Javier Lopez](#) (368 days ago)
- [Daniel Perez](#) (399 days ago)
- [Nacho](#) (630 days ago)