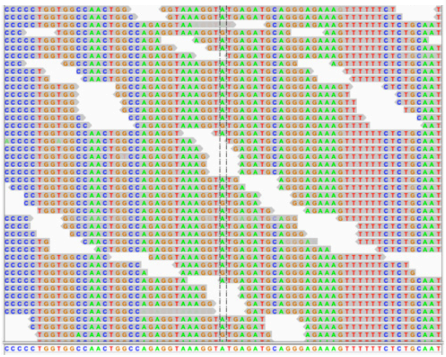
ASSEMBLY HUBS

Display novel genome sequence using the UCSC Genome Browser

UNIVERSITY OF CALIFORNIA SANTA CRUZ

Assemble your sequence



Format your files

available on your web server

myHub/ - directory to organize your files on this hub
- hub.txt – primary reference text file to define the hub, refers to:
- genomes.txt – definitions for each genome assembly on this hub
  - newOrg1/ - directory of files for this specific genome assembly
    - newOrg1.2bit – '2bit' file constructed from your fasta sequence
    - description.html – information about this assembly for users
    - trackDb.txt – definitions for tracks on this genome assembly
    - groups.txt – definitions for track groups on this assembly
    - bigWig and bigBed files – data for tracks on this assembly
    - external track hub data tracks can be displayed on this assembly

Display your genome

Genomes | Genome Browser | Tools | Mirrors | Downloads | My Data | About Us | Help

Track Data Hubs

Track data hubs are collections of tracks from outside of UCSC that can be imported into the Genome Browser. To import a public hub check the box in the list below. After import the hub will show up as a group of tracks with its own blue bar and label underneath the main browser graphic, and in the configure page. For more information, see the User's Guide.

NOTE: Because Track Hubs are created and maintained by external sources, UCSC is not responsible for their content.

Public Hubs | My Hubs

URL: http://mylab.university.edu/myHub/hub.txt | Add Hub

No Unlisted Track Hubs

Genomes | Genome Browser | Tools | Mirrors

Human (*Homo sapiens*) Genome Browser Gateway

The UCSC Genome Browser was
Software Copyright (c) The

group	genome	assembly
✓ Mammal	Human	Feb. 2009 (GRCh37/hg19
Vertebrate		
Deuterostome		
Insect		
Nematode		
Other		
Plants		

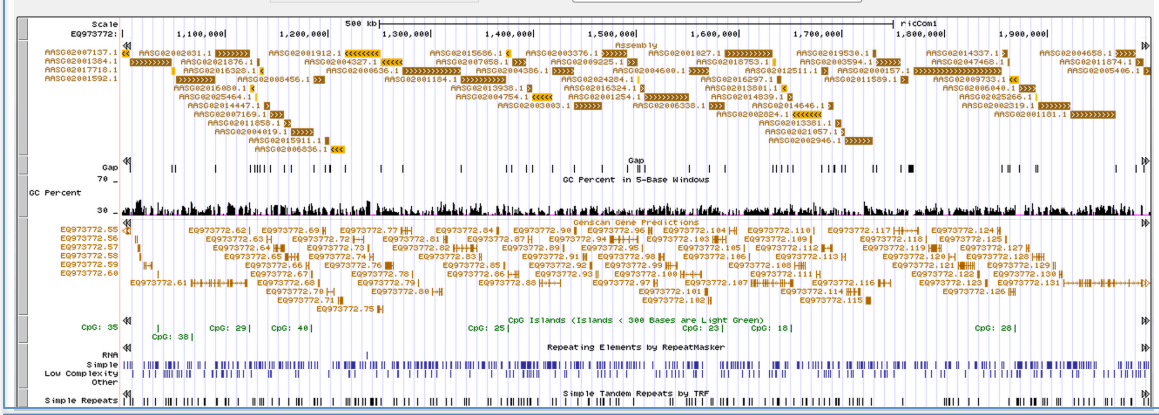
Click here to reset the

track search | add cu

UCSC Genome Browser on Ricinus communis July 2011 Castor bean Assembly (ricCom1)

move <<< << < > >> >>> zoom in 1.5x 3x 10x base zoom out 1.5x 3x 10x

EQ973772:1,000,000-2,000,000 1,000,001 bp. enter position or search terms go



More information:
genomewiki.ucsc.edu/index.php/Assembly_Hubs

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Acknowledgments

This work was funded by National Human Genome Research Institute award U41HG002371 to the UCSC Center for Genomic Science.

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