

UCSC Genome Browser on Human Dec. 2013 (GRCh38/hg38) Assembly

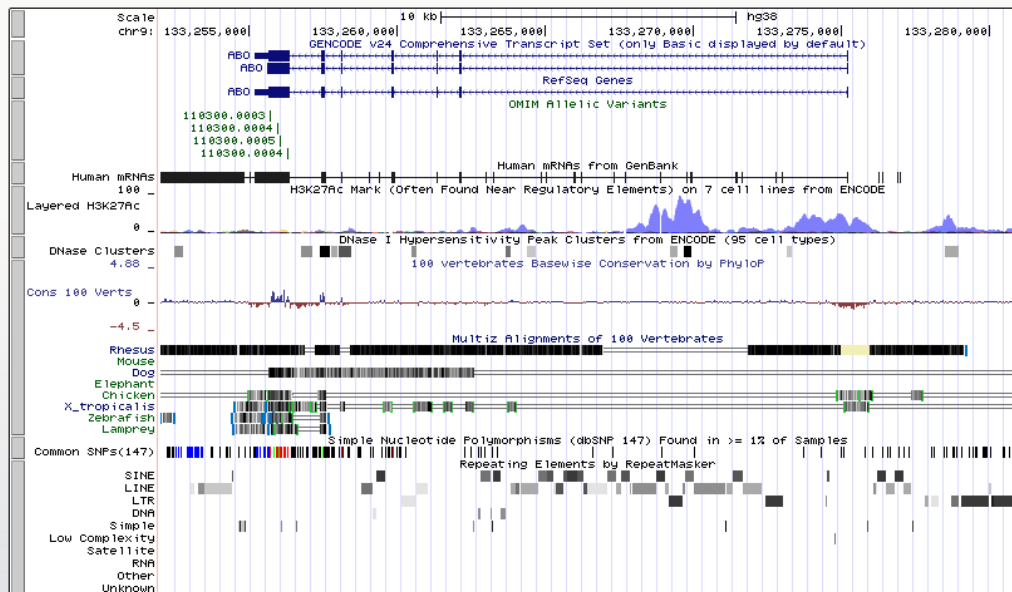
move <<< << < > >> >>> zoom in 1.5x 3x 10x base zoom out 1.5x 3x 10x 100x

chr9:133,252,000-133,280,861

28,862 bp.

enter position, gene symbol or search terms

go



move start

< 2.0 >

Click on a feature for details. Click or drag in the base position track to zoom in. Click side bars for track options. Drag side bars or labels up or down to reorder tracks. Drag tracks left or right to new position. Press "?" for keyboard shortcuts.

move end

< 2.0 >

track search

default tracks

default order

hide all

add custom tracks

track hubs

configure

multi-region

reverse

resize

refresh

collapse all

Use drop-down controls below and press refresh to alter tracks displayed. Tracks with lots of items will automatically be displayed in more compact modes.

expand all

+ Mapping and Sequencing				refresh
- Genes and Gene Predictions				refresh

[GENCODE v24 RefSeq Genes](#)

pack

pack

[RetroGenes V9](#)

hide

[All GENCODE...](#)

hide

[AUGUSTUS](#)

hide

[CCDS](#)

hide

[CRISPR...](#)

hide

[Geneid Genes](#)

hide

[Genscan Genes](#)

hide

[IKMC Genes Mapped](#)

hide

[LRG Transcripts](#)

hide

[MGC Genes](#)

hide

[Non-coding RNA...](#)

hide

[Old UCSC Genes](#)

hide

[ORFeome Clones](#)

hide

[Other RefSeq](#)

hide

[Pfam in UCSC Gene](#)

hide

[SGP Genes](#)

hide