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

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]

[multi-region]   chr3:52,268,278-52,268,361   84 bp.   [enter position, gene symbol, HGVS or search terms]   [go]

move start

[<] 2.0 [>]

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

[track search] [default tracks] [default order] [hide all] [add custom tracks] [track hubs] [configure] [reverse] [resize] [refresh]

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

[-]   **Mapping and Sequencing**   [refresh]

Base Position	_P12_ Fix Patches	_P12_ Alt Haplotypes	_P12_ Assembly	Centromeres	_P12_ Chromosome Band
dense	pack	dense	hide	hide	hide
Clone Ends	Exome Probesets	⑱ FISH Clones	_P12_ Gap	_P12_ GC Percent	GRC Contigs
hide	hide	hide	hide	hide	hide
GRC Incident	Hg19 Diff	Hg19 Mapping	_P12_ INSDC	LRG Regions	Mappability...
hide	hide	hide	hide	hide	hide
_P12_ RefSeq Acc	Restr Enzymes	Scaffolds	Short Match	STS Markers	
hide	hide	hide	hide	hide	

[-]   **Genes and Gene Predictions**   [refresh]

GENCODE V36	NCBI RefSeq	_P12_ All GENCODE...	_P12_ AUGUSTUS	CCDS	CRISPR Targets
pack	pack	hide	hide	hide	hide
Geneid Genes	_P12_ Genscan Genes	⑲ IKMC Genes Mapped	LRG Transcripts	MANE select v0.92	_P12_ MGC Genes
hide	hide	hide	hide	hide	hide
Non-coding RNA...	Old UCSC Genes	_P12_ ORFeome Clones	_P12_ Other RefSeq	_P12_ Pfam in UCSC Gene	RetroGenes V9
hide	hide	hide	hide	hide	hide
SGP Genes	SIB Genes	TransMap V5...	_P12_ UCSC Alt Events	UniProt	
hide	hide	hide	hide	hide	

[-]   **Phenotype and Literature**   [refresh]

OMIM Alleles	CADD...	Cancer Gene Expr...	ClinGen	_Deprecated_ ClinGen CNVs	ClinVar Variants
dense	hide	hide	hide	hide	hide
⑲ Coriell CNVs	COSMIC Regions	Development Delay	Gene Interactions	GeneReviews	GWAS Catalog
hide	hide	hide	hide	hide	hide

Updated HGMD Variants
hide ▾

LOVD Variants
hide ▾

OMIM Cyto Loci
hide ▾

OMIM Genes
hide ▾

⑲ REVEL
hide ▾

SNPedia
hide ▾

TCGA Pan-Cancer
hide ▾

UniProt Variants
hide ▾

Variants in Papers...
hide ▾

[-]   **COVID-19**   refresh

COVID GWAS v4
hide ▾

COVID GWAS v3
hide ▾

Rare Harmful Vars
hide ▾

[-]   **mRNA and EST**   refresh

P12 Human ESTs
hide ▾

P12 Human mRNAs
hide ▾

P12 Other ESTs
hide ▾

P12 Other mRNAs
hide ▾

SIB Alt-Splicing
hide ▾

P12 Spliced ESTs
hide ▾

[-]   **Expression**   refresh

GTEx Gene V8
pack ▾

Affy GNF1H
hide ▾

Affy U133
hide ▾

Affy U95
hide ▾

EPDnew Promoters
hide ▾

GNF Atlas 2
hide ▾

⑲ *P12* GTEx Gene
hide ▾

GTEx Transcript
hide ▾

GWIPS-viz Riboseq
hide ▾

miRNA Tissue Atlas
hide ▾

[-]   **Regulation**   refresh

✄ ENCODE cCREs
dense ▾

✄ *P12* ENCODE Regulation...
show ▾

P12 CpG Islands...
hide ▾

GeneHancer
hide ▾

Hi-C and Micro-C
hide ▾

ORegAnno
hide ▾

RefSeq Func Elems
hide ▾

[-]   **Comparative Genomics**   refresh

Conservation
full ▾

Cons 30 Primates
hide ▾

Primate Chain/Net
hide ▾

Placental Chain/Net
hide ▾

Vertebrate Chain/Net
hide ▾

[-]   **Variation**   refresh

dbSNP 153
pack ▾

All SNPs(141)
hide ▾

All SNPs(142)
hide ▾

Common SNPs(142)
hide ▾

Common SNPs(144)
hide ▾

Flagged SNPs(142)
hide ▾

Flagged SNPs(144)
hide ▾

Mult. SNPs(142)
hide ▾

Mult. SNPs(144)
hide ▾

1000 Genomes Trios
hide ▾

1000G Ph3 Vars
hide ▾

All SNPs(144)
hide ▾

All SNPs(146)
hide ▾

All SNPs(147)
hide ▾

All SNPs(150)
hide ▾

All SNPs(151)
hide ▾

Common SNPs(141)
hide ▾

Common SNPs(146)
hide ▾

Common SNPs(147)
hide ▾

Common SNPs(150)
hide ▾

Common SNPs(151)
hide ▾

dbVar Common Struct Var...
hide ▾

DGV Struct Var
hide ▾

Flagged SNPs(141)
hide ▾

Flagged SNPs(146)
hide ▾

Flagged SNPs(147)
hide ▾

Flagged SNPs(150)
hide ▾

Flagged SNPs(151)
hide ▾

Genome In a Bottle
hide ▾

gnomAD Variants...
hide ▾

Mult. SNPs(141)
hide ▾

Mult. SNPs(146)
hide ▾

Mult. SNPs(147)
hide ▾

Mult. SNPs(150)
hide ▾

Mult. SNPs(151)
hide ▾

Platinum Genomes
hide ▾

[-]   **Repeats**   refresh

P12 RepeatMasker
dense ▾

Interrupted Rpts
hide ▾

Microsatellite
hide ▾

RepeatMasker Viz.
hide ▾

Segmental Dups
hide ▾

Self Chain
hide ▾

P12 Simple Repeats
hide ▾

P12 WM + SDust
hide ▾

refresh