

www.ensembl.org/info/data/ftp/index.html

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DS (FASTA)	ncRNA (FASTA)	Protein sequence (FASTA)	Annotated sequence (EMBL)	Annotated sequence (GenBank)	Gene sets	Whole databases	Variation (G)
FASTA	FASTA	FASTA	EMBL	GenBank	GTF GFF3	MySQL	G
FASTA	FASTA	FASTA	EMBL	GenBank	GTF GFF3	MySQL	G
FASTA	FASTA	FASTA	EMBL	GenBank	GTF GFF3	MySQL	G

<https://www.gencodegenes.org/human/>

GTF / GFF3 files

Content	Regions	Description	Download
Comprehensive gene annotation	CHR	<ul style="list-style-type: none">It contains the comprehensive gene annotation on the reference chromosomes onlyThis is the main annotation file for most users	GTF GFF3
Comprehensive gene annotation	ALL	<ul style="list-style-type: none">It contains the comprehensive gene annotation on the reference chromosomes, scaffolds, assembly patches and alternate loci (haplotypes)This is a superset of the main annotation file	GTF GFF3
Comprehensive gene annotation	PRI	<ul style="list-style-type: none">It contains the comprehensive gene annotation on the primary assembly (chromosomes and scaffolds) sequence regionsThis is a superset of the main annotation file	GTF GFF3
Basic gene annotation	CHR	<ul style="list-style-type: none">It contains the basic gene annotation on the reference chromosomes onlyThis is a subset of the corresponding comprehensive annotation, including only those transcripts tagged as 'basic' in every gene	GTF GFF3