Scale
chr17:
5 kb
hg19
7,575,000
7,580,000
7,585,000
7,590,000
GENCODE V48lift37 (9 items filtered out)
TP53
WRAP53
RefSeq Curated
RefSeq genes from NCBI
Sequences
Publications: Sequences in Scientific Articles
SNPs
OMIM Genes
OMIM Gene Phenotypes - Dark Green Can Be Disease-causing
Common dbSNP(155)
Short Genetic Variants from dbSNP release 155
Gene Expression in 54 tissues from GTEx RNA-seq of 17382 samples, 948 donors (V8, Aug 2019)
RP11-199F11.2
NHLF Chromatin State Segmentation by HMM from ENCODE/Broad
NHEK Chromatin State Segmentation by HMM from ENCODE/Broad
K562 Chromatin State Segmentation by HMM from ENCODE/Broad
HUVEC Chromatin State Segmentation by HMM from ENCODE/Broad
HSMM Chromatin State Segmentation by HMM from ENCODE/Broad
HMEC Chromatin State Segmentation by HMM from ENCODE/Broad
HepG2 Chromatin State Segmentation by HMM from ENCODE/Broad
H1-hESC Chromatin State Segmentation by HMM from ENCODE/Broad
GM12878 Chromatin State Segmentation by HMM from ENCODE/Broad
11_Weak_Txn
10_Txn_Elongation
7_Weak_Enhancer
6_Weak_Enhancer
2_Weak_Promoter
4_Strong_Enhancer
1_Active_Promoter
8_Insulator
9_Txn_Transition
5_Strong_Enhancer
13_Heterochrom/lo
Histone Modifications by ChIP-seq from ENCODE/Broad Institute
H1-hESC CTCF
H1-hESC H3K4m1
H1-hESC H3K4m3
H1-hESC H3K27ac
H1-hESC H3K27m3
H1-hESC H3K36m3
K562 CTCF
K562 H3K4m1
K562 H3K4m3
K562 H3K27ac
K562 H3K27m3
K562 H3K36m3
Histone Modifications by ChIP-seq from ENCODE/Stanford/Yale/USC/Harvard
K562 H3K4me1
K562 H3K4me3
K562 H3K9ac
K562 H3K27me3
NT2-D1 H3K4me1
NT2-D1 H3K4me3
NT2-D1 H3K9ac
NT2-D1 H3K27me3
NT2-D1 H3K36me3
U2OS H3K9me3
U2OS H3K36me3
Histone Modifications by ChIP-seq from ENCODE/University of Washington
GM78 H3K4M3 Sg 1
GM78 H3K4M3 Sg 2
GM78 H3K27M3 Sg 1
GM78 H3K27M3 Sg 2
GM78 H3K36M3 Sg 1
GM78 H3K36M3 Sg 2
GM78 In Sg 1
K562 H3K4M3 Sg 1
K562 H3K4M3 Sg 2
K562 H3K27M3 Sg 1
K562 H3K27M3 Sg 2
K562 H3K36M3 Sg 1
K562 H3K36M3 Sg 2
K562 In Sg 1
GM78 H3K4M3 Pk 1
GM78 H3K4M3 Pk 2
GM78 H3K27M3 Pk 1
GM78 H3K27M3 Pk 2
GM78 H3K36M3 Pk 1
GM78 H3K36M3 Pk 2
K562 H3K4M3 Pk 1
K562 H3K4M3 Pk 2
K562 H3K27M3 Pk 1
K562 H3K27M3 Pk 2
K562 H3K36M3 Pk 1
K562 H3K36M3 Pk 2
GM78 H3K4M3 Ht 1
GM78 H3K4M3 Ht 2
GM78 H3K27M3 Ht 1
GM78 H3K27M3 Ht 2
GM78 H3K36M3 Ht 1
GM78 H3K36M3 Ht 2
K562 H3K4M3 Ht 1
K562 H3K4M3 Ht 2
K562 H3K27M3 Ht 1
K562 H3K27M3 Ht 2
K562 H3K36M3 Ht 1
K562 H3K36M3 Ht 2
Layered H3K27Ac
H3K27Ac Mark (Often Found Near Active Regulatory Elements) on 7 cell lines from ENCODE
4.88
100 Vert. Cons
-4.5
100 vertebrates Basewise Conservation by PhyloP
Multiz Alignments of 100 Vertebrates
Rhesus
Mouse
Dog
Elephant
Chicken
X_tropicalis
Zebrafish
Repeating Elements by RepeatMasker
RepeatMasker