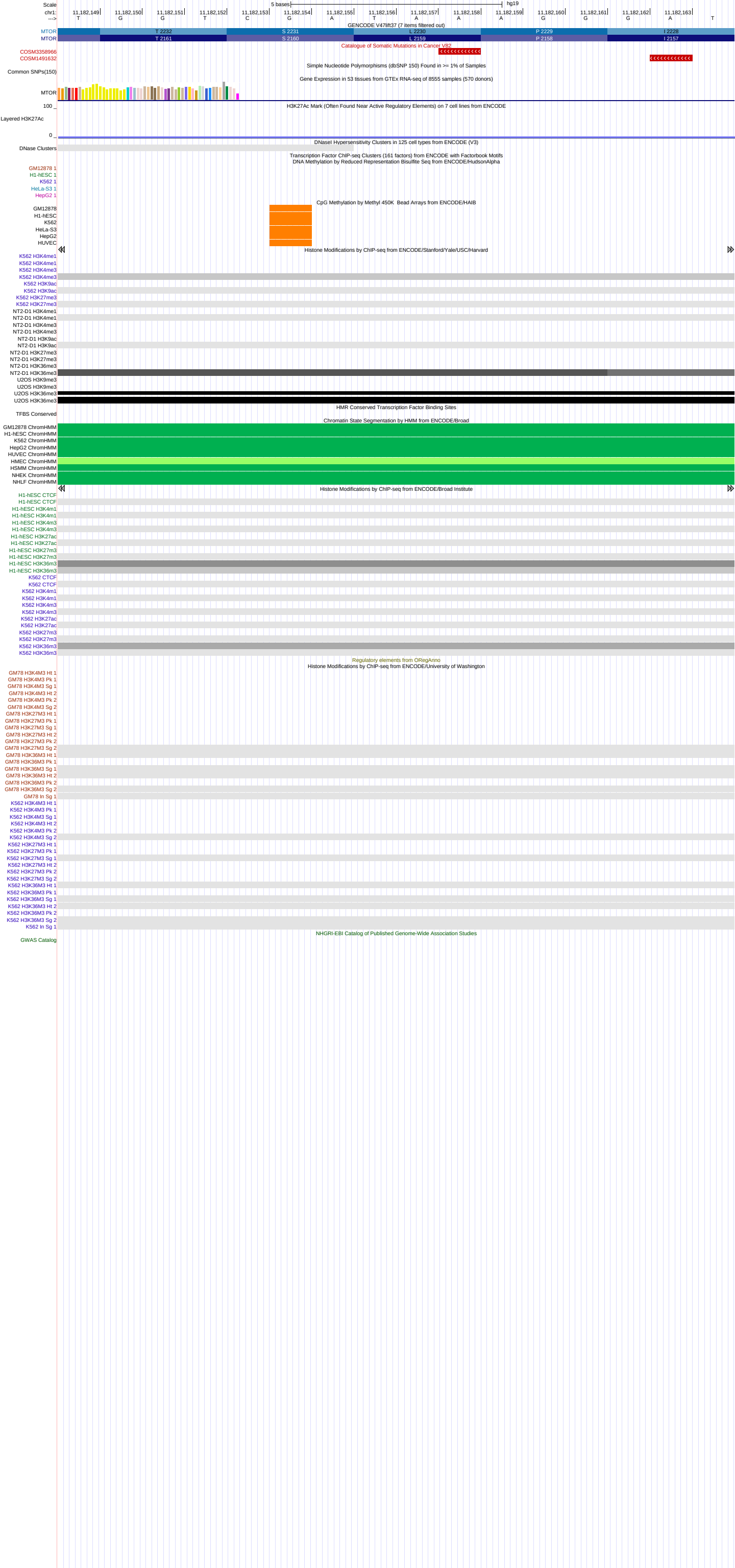
Scale
chr1:
5 bases
hg19
11,182,149 11,182,150 11,182,151 11,182,152 11,182,153 11,182,154 11,182,155 11,182,156 11,182,157 11,182,158 11,182,159 11,182,160 11,182,161 11,182,162 11,182,163
T G G T C G A T A A A G G G A T
GENCODE V47lift37 (7 items filtered out)
MTOR T 2232 S 2231 L 2230 P 2229 I 2228
MTOR T 2161 S 2160 L 2159 P 2158 I 2157
Catalogue of Somatic Mutations in Cancer V82
COSM3358966
COSM1491632
Common SNPs(150)
Simple Nucleotide Polymorphisms (dbSNP 150) Found in >= 1% of Samples
Gene Expression in 53 tissues from GTEx RNA-seq of 8555 samples (570 donors)
MTOR
100
Layered H3K27Ac
H3K27Ac Mark (Often Found Near Active Regulatory Elements) on 7 cell lines from ENCODE
0
DNase Clusters
DNaseI Hypersensitivity Clusters in 125 cell types from ENCODE (V3)
Transcription Factor ChIP-seq Clusters (161 factors) from ENCODE with Factorbook Motifs
DNA Methylation by Reduced Representation Bisulfite Seq from ENCODE/HudsonAlpha
GM12878 1
H1-hESC 1
K562 1
HeLa-S3 1
HepG2 1
CpG Methylation by Methyl 450K Bead Arrays from ENCODE/HAIB
GM12878
H1-hESC
K562
HeLa-S3
HepG2
HUVEC
Histone Modifications by ChIP-seq from ENCODE/Stanford/Yale/USC/Harvard
K562 H3K4me1
K562 H3K4me1
K562 H3K4me3
K562 H3K4me3
K562 H3K9ac
K562 H3K9ac
K562 H3K27me3
K562 H3K27me3
NT2-D1 H3K4me1
NT2-D1 H3K4me1
NT2-D1 H3K4me3
NT2-D1 H3K4me3
NT2-D1 H3K9ac
NT2-D1 H3K9ac
NT2-D1 H3K27me3
NT2-D1 H3K27me3
NT2-D1 H3K36me3
NT2-D1 H3K36me3
U2OS H3K9me3
U2OS H3K9me3
U2OS H3K36me3
U2OS H3K36me3
TFBS Conserved
HMR Conserved Transcription Factor Binding Sites
Chromatin State Segmentation by HMM from ENCODE/Broad
GM12878 ChromHMM
H1-hESC ChromHMM
K562 ChromHMM
HepG2 ChromHMM
HUVEC ChromHMM
HMEC ChromHMM
HSMM ChromHMM
NHEK ChromHMM
NHLF ChromHMM
Histone Modifications by ChIP-seq from ENCODE/Broad Institute
H1-hESC CTCF
H1-hESC CTCF
H1-hESC H3K4me1
H1-hESC H3K4me1
H1-hESC H3K4me3
H1-hESC H3K4me3
H1-hESC H3K27ac
H1-hESC H3K27ac
H1-hESC H3K27me3
H1-hESC H3K27me3
H1-hESC H3K36me3
H1-hESC H3K36me3
K562 CTCF
K562 CTCF
K562 H3K4me1
K562 H3K4me1
K562 H3K4me3
K562 H3K4me3
K562 H3K27ac
K562 H3K27ac
K562 H3K27me3
K562 H3K27me3
K562 H3K36me3
K562 H3K36me3
Regulatory elements from ORegAnno
Histone Modifications by ChIP-seq from ENCODE/University of Washington
GM78 H3K4M3 Ht 1
GM78 H3K4M3 Pk 1
GM78 H3K4M3 Sg 1
GM78 H3K4M3 Ht 2
GM78 H3K4M3 Pk 2
GM78 H3K4M3 Sg 2
GM78 H3K27M3 Ht 1
GM78 H3K27M3 Pk 1
GM78 H3K27M3 Sg 1
GM78 H3K27M3 Ht 2
GM78 H3K27M3 Pk 2
GM78 H3K27M3 Sg 2
GM78 H3K36M3 Ht 1
GM78 H3K36M3 Pk 1
GM78 H3K36M3 Sg 1
GM78 H3K36M3 Ht 2
GM78 H3K36M3 Pk 2
GM78 H3K36M3 Sg 2
GM78 In Sg 1
K562 H3K4M3 Ht 1
K562 H3K4M3 Pk 1
K562 H3K4M3 Sg 1
K562 H3K4M3 Ht 2
K562 H3K4M3 Pk 2
K562 H3K4M3 Sg 2
K562 H3K27M3 Ht 1
K562 H3K27M3 Pk 1
K562 H3K27M3 Sg 1
K562 H3K27M3 Ht 2
K562 H3K27M3 Pk 2
K562 H3K27M3 Sg 2
K562 H3K36M3 Ht 1
K562 H3K36M3 Pk 1
K562 H3K36M3 Sg 1
K562 H3K36M3 Ht 2
K562 H3K36M3 Pk 2
K562 H3K36M3 Sg 2
K562 In Sg 1
NHGRI-EBI Catalog of Published Genome-Wide Association Studies
GWAS Catalog