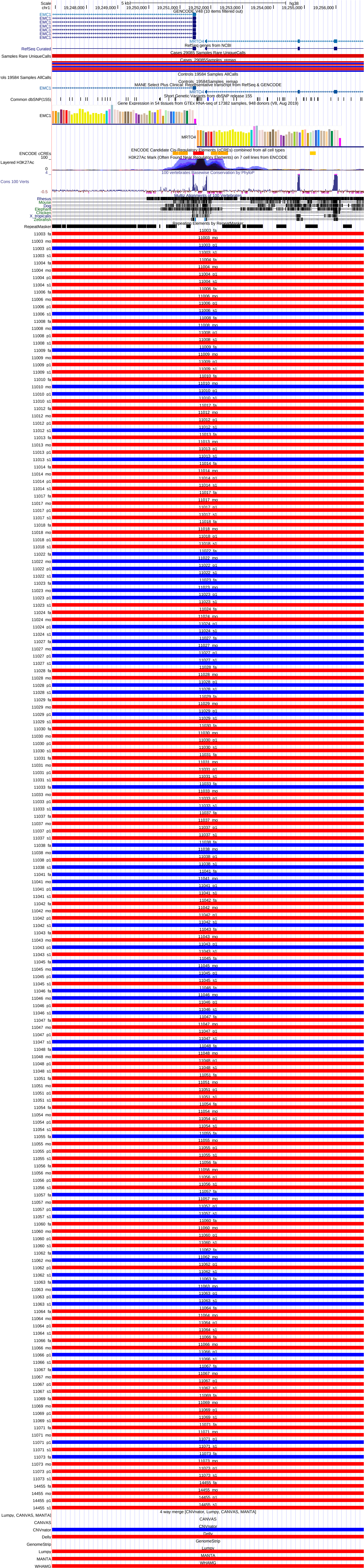
Scale
chr1:
5 kb
hg38
19,248,000
19,249,000
19,250,000
19,251,000
19,252,000
19,253,000
19,254,000
19,255,000
19,256,000
GENCODE V48 (10 items filtered out)
EMC1
MRTO4
RefSeq Curated
RefSeq genes from NCBI
Samples Rare UniqueCalls
Cases 29085 Samples Rare UniqueCalls
Cases_29085Samples_remap
Controls 19584 Samples AllCalls
Controls_19584Samples_remap
MANE Select Plus Clinical: Representative transcript from RefSeq & GENCODE
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)
ENCODE cCREs
ENCODE Candidate Cis-Regulatory Elements (cCREs) combined from all cell types
Layered H3K27Ac
H3K27Ac Mark (Often Found Near Regulatory Elements) on 7 cell lines from ENCODE
Cons 100 Verts
100 vertebrates Basewise Conservation by PhyloP
Multiz Alignments of 100 Vertebrates
Rhesus
Mouse
Dog
Elephant
Chicken
X_tropicalis
Zebrafish
RepeatMasker
Repeating Elements by RepeatMasker
4 way merge [CNVnator, Lumpy, CANVAS, MANTA]
CANVAS
CNVnator
Delly
GenomeStrip
Lumpy
MANTA
WHAMG