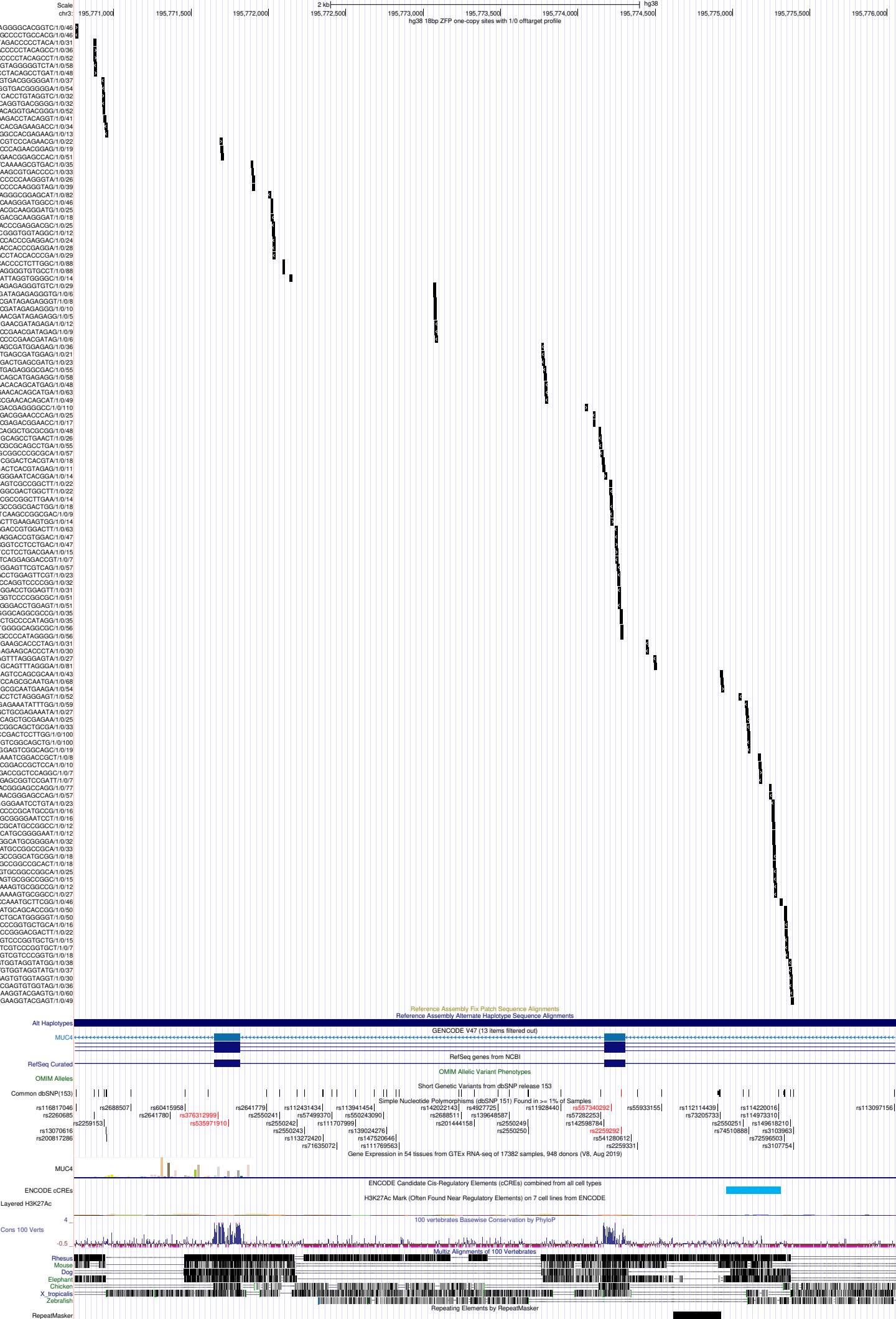
Scale
chr3:
195,771,000
195,771,500
195,772,000
195,772,500
195,773,000
195,773,500
195,774,000
195,774,500
195,775,000
195,775,500
195,776,000
2 kb
hg38
hg38 18bp ZFP one-copy sites with 1/0 offtarget profile
Reference Assembly Fix Patch Sequence Alignments
Reference Assembly Alternate Haplotype Sequence Alignments
Alt Haplotypes
GENCODE V47 (13 items filtered out)
MUC4
RefSeq genes from NCBI
RefSeq Curated
OMIM Allelic Variant Phenotypes
OMIM Alleles
Short Genetic Variants from dbSNP release 153
Common dbSNP(153)
Simple Nucleotide Polymorphisms (dbSNP 151) Found in >= 1% of Samples
rs116817046
rs2688507
rs60415958
rs2641779
rs112431434
rs113941454
rs142022143
rs4927725
rs11928440
rs557340292
rs55933155
rs112114439
rs114220016
rs113097156
rs2260685
rs2641780
rs376312999
rs2550241
rs57499370
rs550243090
rs2688511
rs139648587
rs57282253
rs73205733
rs114973310
rs2259153
rs535971910
rs2550242
rs111707999
rs201444158
rs2550249
rs142598784
rs2550251
rs149618210
rs13070616
rs2550243
rs139024276
rs2550250
rs2259292
rs74510888
rs3103963
rs200817286
rs113272420
rs147520646
rs541280612
rs72596503
rs71635072
rs111769563
rs2259331
rs3107754
Gene Expression in 54 tissues from GTEx RNA-seq of 17382 samples, 948 donors (V8, Aug 2019)
MUC4
ENCODE Candidate Cis-Regulatory Elements (cCREs) combined from all cell types
ENCODE cCREs
H3K27Ac Mark (Often Found Near Regulatory Elements) on 7 cell lines from ENCODE
Layered H3K27Ac
100 vertebrates Basewise Conservation by PhyloP
4
Cons 100 Verts
-0.5
Multiz Alignments of 100 Vertebrates
Rhesus
Mouse
Dog
Elephant
Chicken
X_tropicalis
Zebrafish
Repeating Elements by RepeatMasker
RepeatMasker