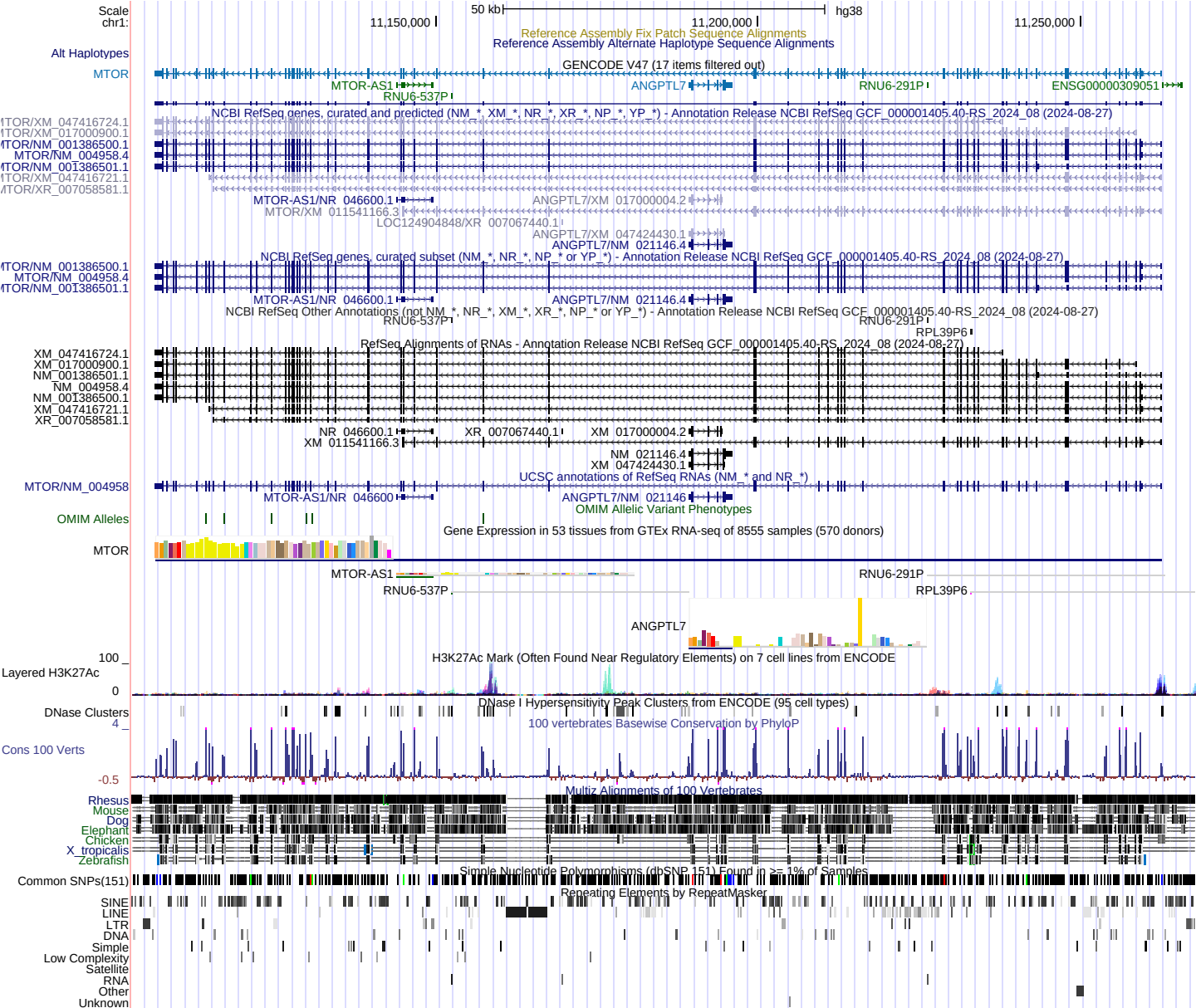
Scale
chr1:
50 kb
hg38
11,150,000
11,200,000
11,250,000
Reference Assembly Fix Patch Sequence Alignments
Reference Assembly Alternate Haplotype Sequence Alignments
Alt Haplotypes
GENCODE V47 (17 items filtered out)
MTOR
MTOR-AS1
ANGPTL7
RNU6-291P
ENSG00000309051
RNU6-537P
NCBI RefSeq genes, curated and predicted (NM_*, XM_*, NR_*, XR_*, NP_*, YP_*) - Annotation Release NCBI RefSeq GCF_000001405.40-RS_2024_08 (2024-08-27)
MTOR/XM_047416724.1
MTOR/XM_017000900.1
MTOR/NM_001386500.1
MTOR/NM_004958.4
MTOR/NM_001386501.1
MTOR/XM_047416721.1
MTOR/XR_007058581.1
MTOR-AS1/NR_046600.1
ANGPTL7/XM_017000004.2
MTOR/XM_011541166.3
LOC124904848/XR_007067440.1
ANGPTL7/XM_047424430.1
ANGPTL7/NM_021146.4
NCBI RefSeq genes, curated subset (NM_*, NR_*, NP_* or YP_*) - Annotation Release NCBI RefSeq GCF_000001405.40-RS_2024_08 (2024-08-27)
MTOR/NM_001386500.1
MTOR/NM_004958.4
MTOR/NM_001386501.1
MTOR-AS1/NR_046600.1
ANGPTL7/NM_021146.4
NCBI RefSeq Other Annotations (not NM_*, NR_*, XM_*, XR_*, NP_* or YP_*) - Annotation Release NCBI RefSeq GCF_000001405.40-RS_2024_08 (2024-08-27)
RNU6-537P
RNU6-291P
RPL39P6
RefSeq Alignments of RNAs - Annotation Release NCBI RefSeq GCF_000001405.40-RS_2024_08 (2024-08-27)
XM_047416724.1
XM_017000900.1
NM_001386501.1
NM_004958.4
NM_001386500.1
XM_047416721.1
XR_007058581.1
NR_046600.1
XR_007067440.1
XM_017000004.2
XM_011541166.3
NM_021146.4
XM_047424430.1
UCSC annotations of RefSeq RNAs (NM_* and NR_*)
MTOR/NM_004958
MTOR-AS1/NR_046600
ANGPTL7/NM_021146
OMIM Alleles
OMIM Allelic Variant Phenotypes
Gene Expression in 53 tissues from GTEx RNA-seq of 8555 samples (570 donors)
MTOR
MTOR-AS1
RNU6-291P
RNU6-537P
RPL39P6
ANGPTL7
100
Layered H3K27Ac
0
H3K27Ac Mark (Often Found Near Regulatory Elements) on 7 cell lines from ENCODE
DNase Clusters
DNase I Hypersensitivity Peak Clusters from ENCODE (95 cell types)
4
Cons 100 Verts
-0.5
100 vertebrates Basewise Conservation by PhyloP
Multiz Alignments of 100 Vertebrates
Rhesus
Mouse
Dog
Elephant
Chicken
X_tropicalis
Zebrafish
Common SNPs(151)
Simple Nucleotide Polymorphisms (dbSNP 151) Found >= 1% of Samples
Repeating Elements by RepeatMasker
SINE
LINE
LTR
DNA
Simple
Low Complexity
Satellite
RNA
Other
Unknown