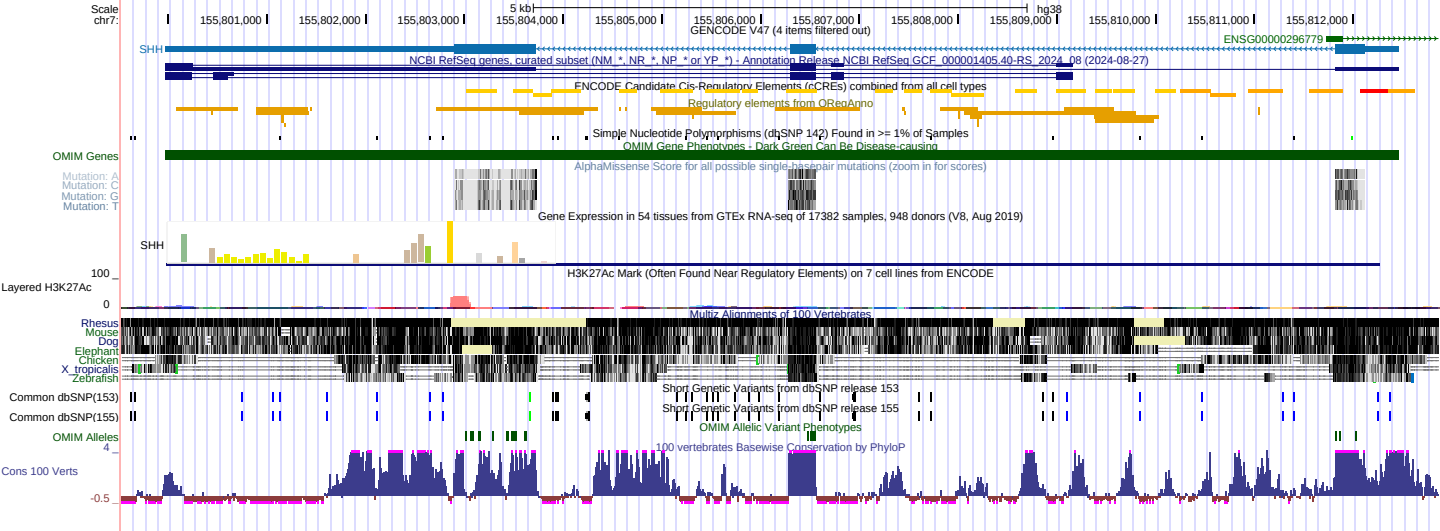
Scale
chr7:
5 kb
hg38
155,801,000
155,802,000
155,803,000
155,804,000
155,805,000
155,806,000
155,807,000
155,808,000
155,809,000
155,810,000
155,811,000
155,812,000
GENCODE V47 (4 items filtered out)
ENSG00000296779
SHH
NCBI RefSeq genes, curated subset (NM_*, NR_*, NP_* or YP_*) - Annotation Release NCBI RefSeq GCF_000001405.40-RS_2024_08 (2024-08-27)
ENCODE Candidate Cis-Regulatory Elements (cCREs) combined from all cell types
Regulatory elements from ORegAnno
Simple Nucleotide Polymorphisms (dbSNP 142) Found in >= 1% of Samples
OMIM Gene Phenotypes - Dark Green Can Be Disease-causing
OMIM Genes
AlphaMissense Score for all possible single-basepair mutations (zoom in for scores)
Mutation: A
Mutation: C
Mutation: G
Mutation: T
Gene Expression in 54 tissues from GTEx RNA-seq of 17382 samples, 948 donors (V8, Aug 2019)
SHH
100
H3K27Ac Mark (Often Found Near Regulatory Elements) on 7 cell lines from ENCODE
Layered H3K27Ac
0
Multiz Alignments of 100 Vertebrates
Rhesus
Mouse
Dog
Elephant
Chicken
X_tropicalis
Zebrafish
Short Genetic Variants from dbSNP release 153
Common dbSNP(153)
Short Genetic Variants from dbSNP release 155
Common dbSNP(155)
OMIM Allelic Variant Phenotypes
OMIM Alleles
4
100 vertebrates Basewise Conservation by PhyloP
Cons 100 Verts
-0.5