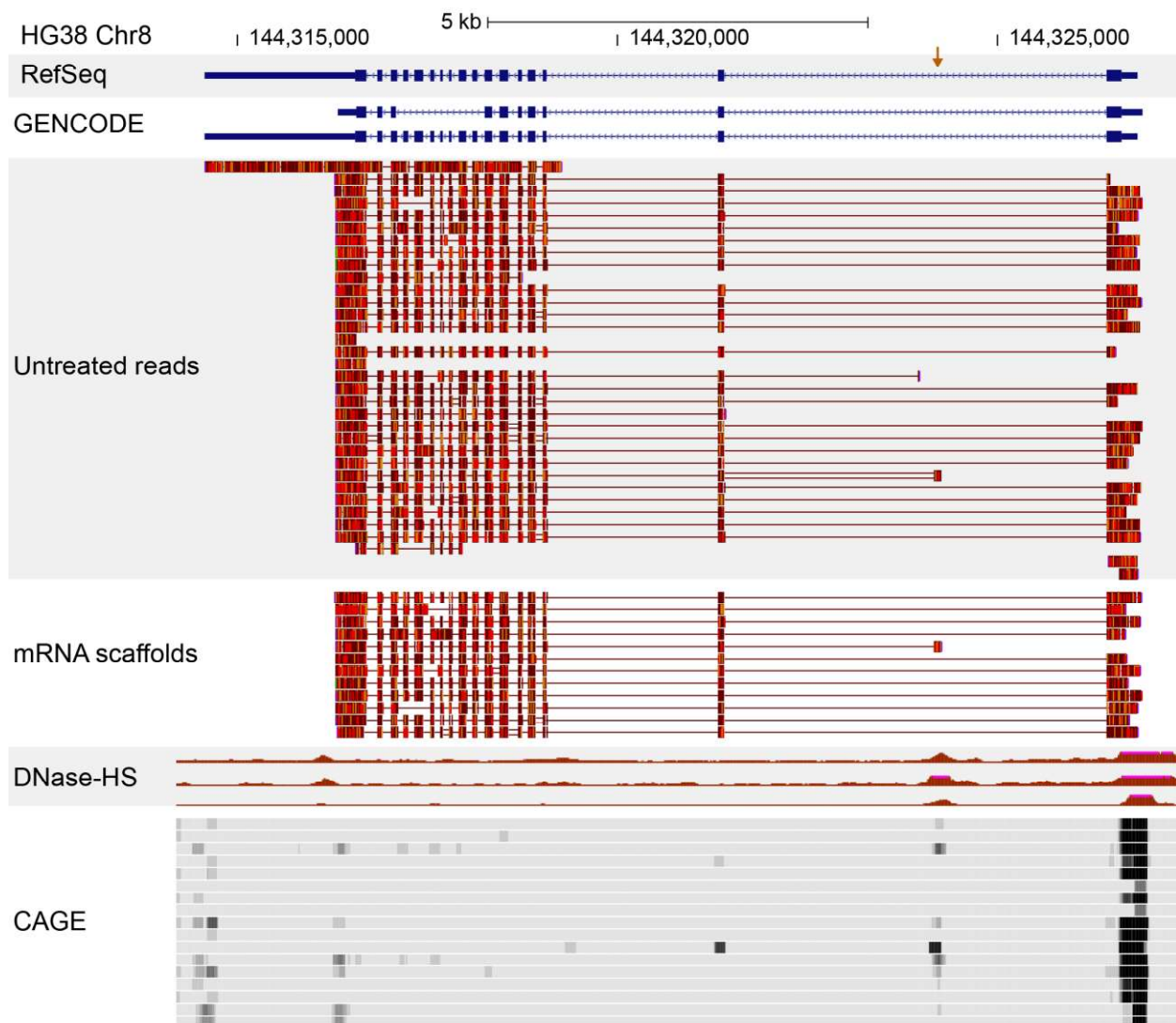




Supplementary Figure 4 Evidence for an unannotated Diacylglycerol O-Acyltransferase 1 (DGAT1) isoform is supported by a single high-confidence mRNA scaffold. The row entitled mRNA scaffolds includes 12 aligned reads in the 3'-to-5' orientation. Most of these aligned to a GENCODE v.32 annotated isoform. One of these mRNA scaffolds (orange arrow) corresponds to an unannotated first exon of a proposed unannotated DGAT1 isoform. This unannotated isoform is also observed among the untreated reads. However, untreated reads lack strong evidence of a mature mRNA 5' end because they are not cap-adapted. The first exon of the proposed unannotated isoform is consistent with open chromatin revealed by the DNase-HS data.