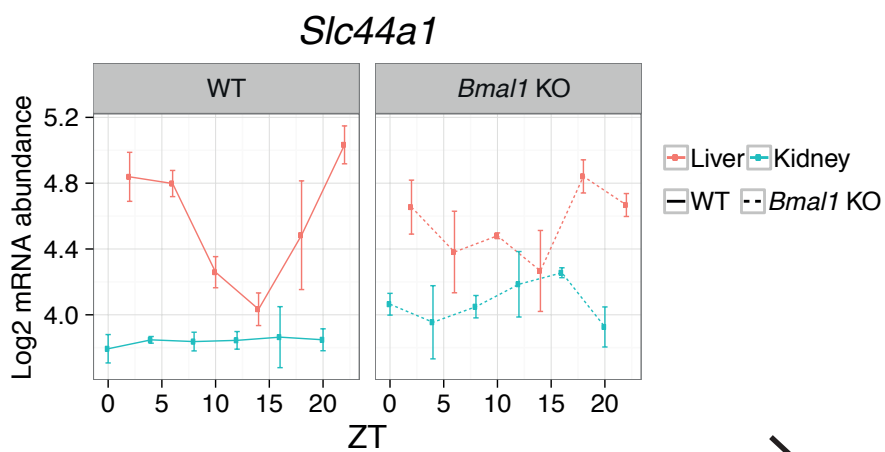
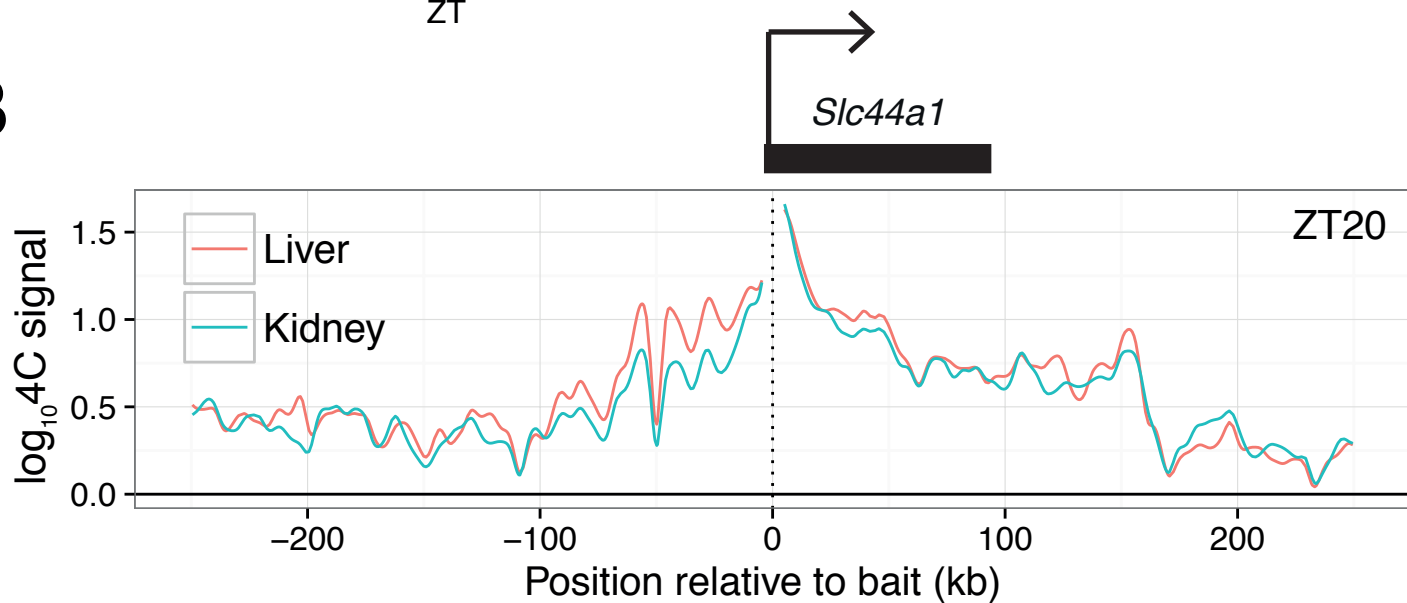


Supplemental Figure S7

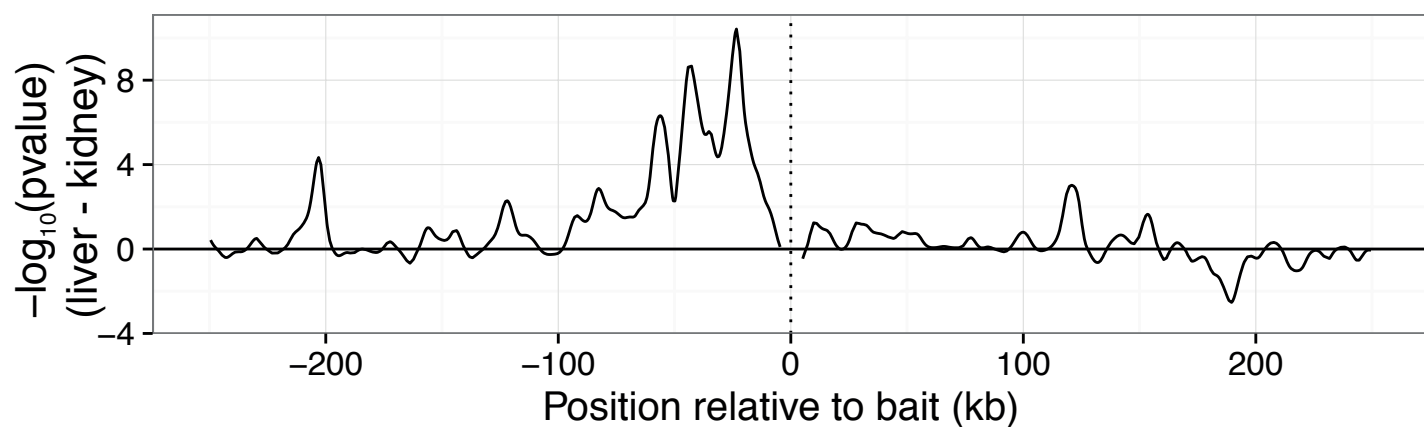
A



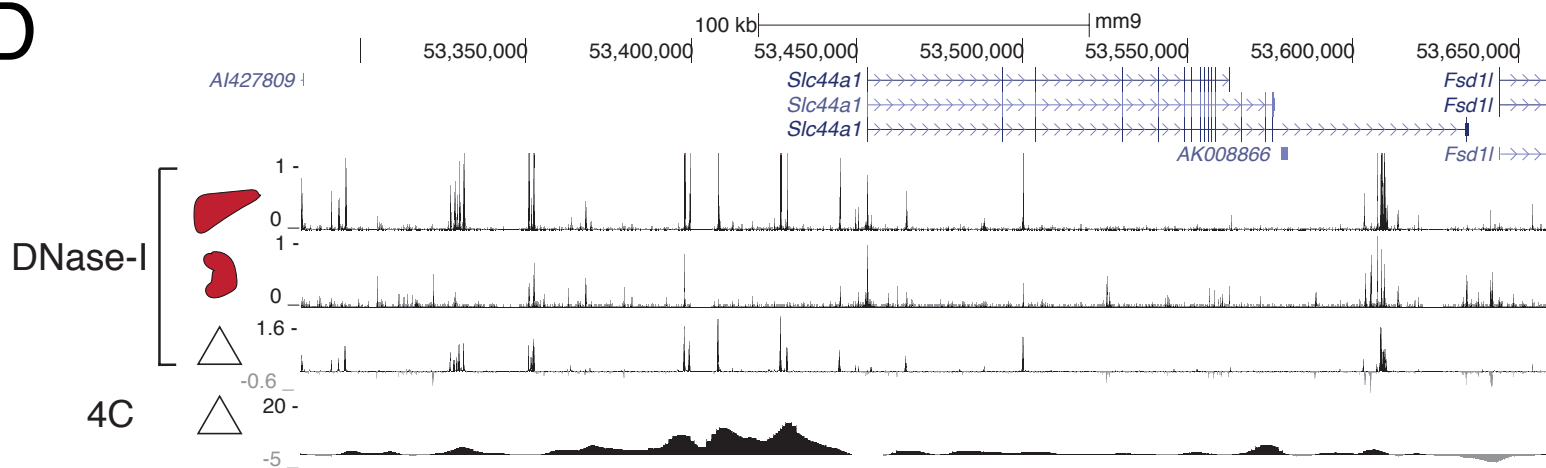
B



C



D



Supplemental Figure S7 - Chromatin loops between liver-specific enhancers and promoters of *Slc44a1* transcript

(A) Temporal mRNA abundance profiles of *Slc44a1* in liver and kidney of mice with (left) and without (right) a functioning clock. Nuclei were extracted from WT liver and kidney from 4 mice at ZT20 to perform 4C-Seq.

(B) 4C-Seq profiles (summary from 2 samples, each pooled from 2 mice) using the *Slc44a1* promoter as a bait in liver and kidney within a window of 500- kb.

(C) Profiles of differential contacts between liver versus kidney, shown as signed log p-values (regularized t-test, positive values show liver-enriched 4C contacts).

(D) Tracks of differential contacts (signed log p-values), DNase-I hypersensitivity in liver, kidney, and their log₂ fold change. Regions of significant differential contacts correspond to liver-specific DHS regions.