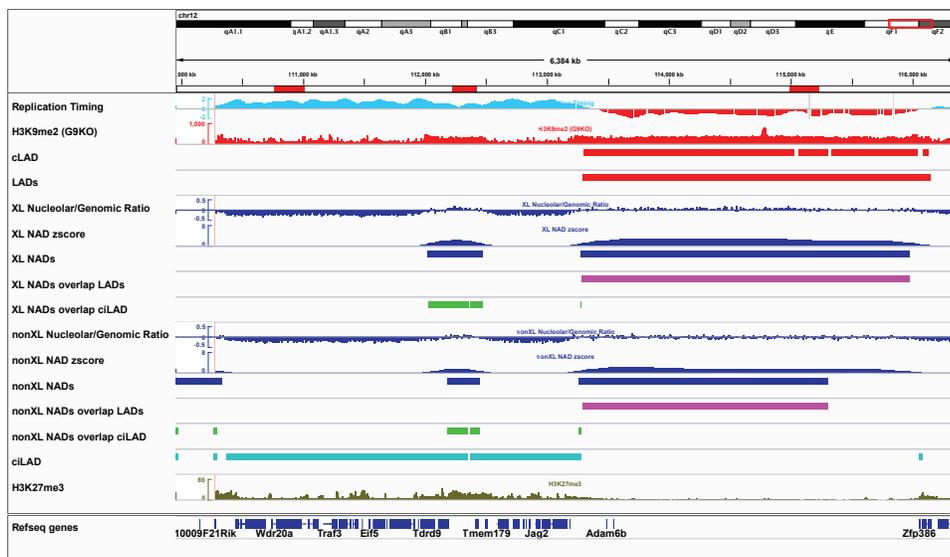
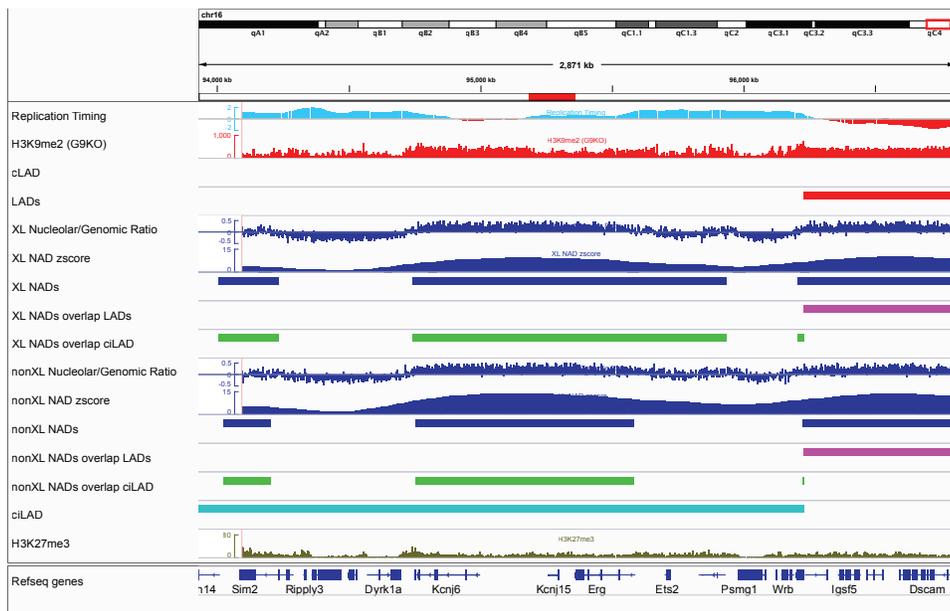


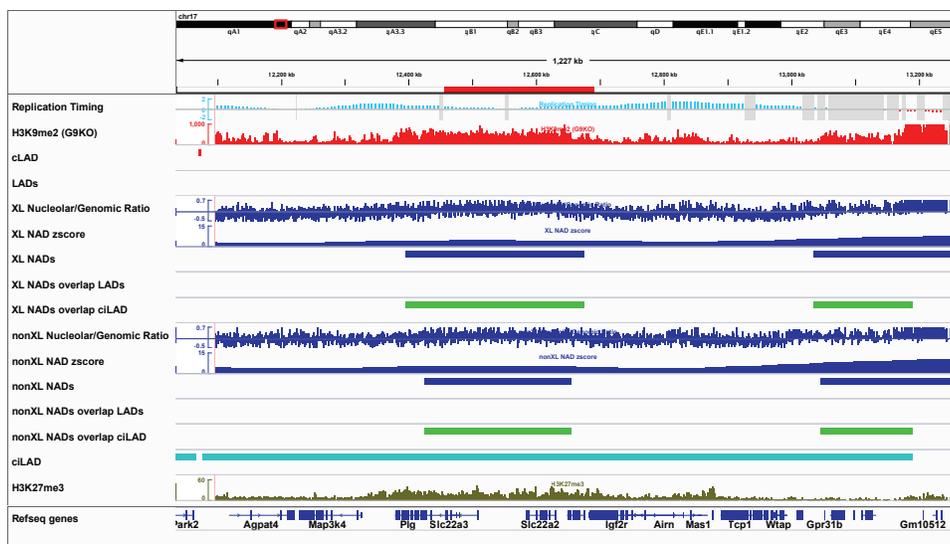
A



B



C



Supplemental Figure S5. Genomic locations of BACs used for FISH experiments. BAC locations are shown as red horizontal bars at the top of each graph.

A. The same IGV session used in Figure 7 is used here to show a region of the Chr12q11 locus that contains three BAC probes used in these studies. Left to right, pPK871 (negative control, no NAD enrichment), pPK828 (Type II NAD, overlapping ciLAD but not LAD regions), and pPK827 (Type I NAD, overlapping LAD but not ciLAD regions).

B. pPK914. This Type II NAD contains ion channel genes (*Kcnj6*, *Kcnj15*) as well as developmentally regulated Ets-family transcription factors (*Erg*, *Ets2*). The Type II NAD to the left overlaps the *Sim2* gene encoding a developmentally-regulated, single-minded family bHLH transcription factor.

C. pPK915. This Type II NAD contains a cluster of cation transporter genes (*Slc22a1,2,3*).