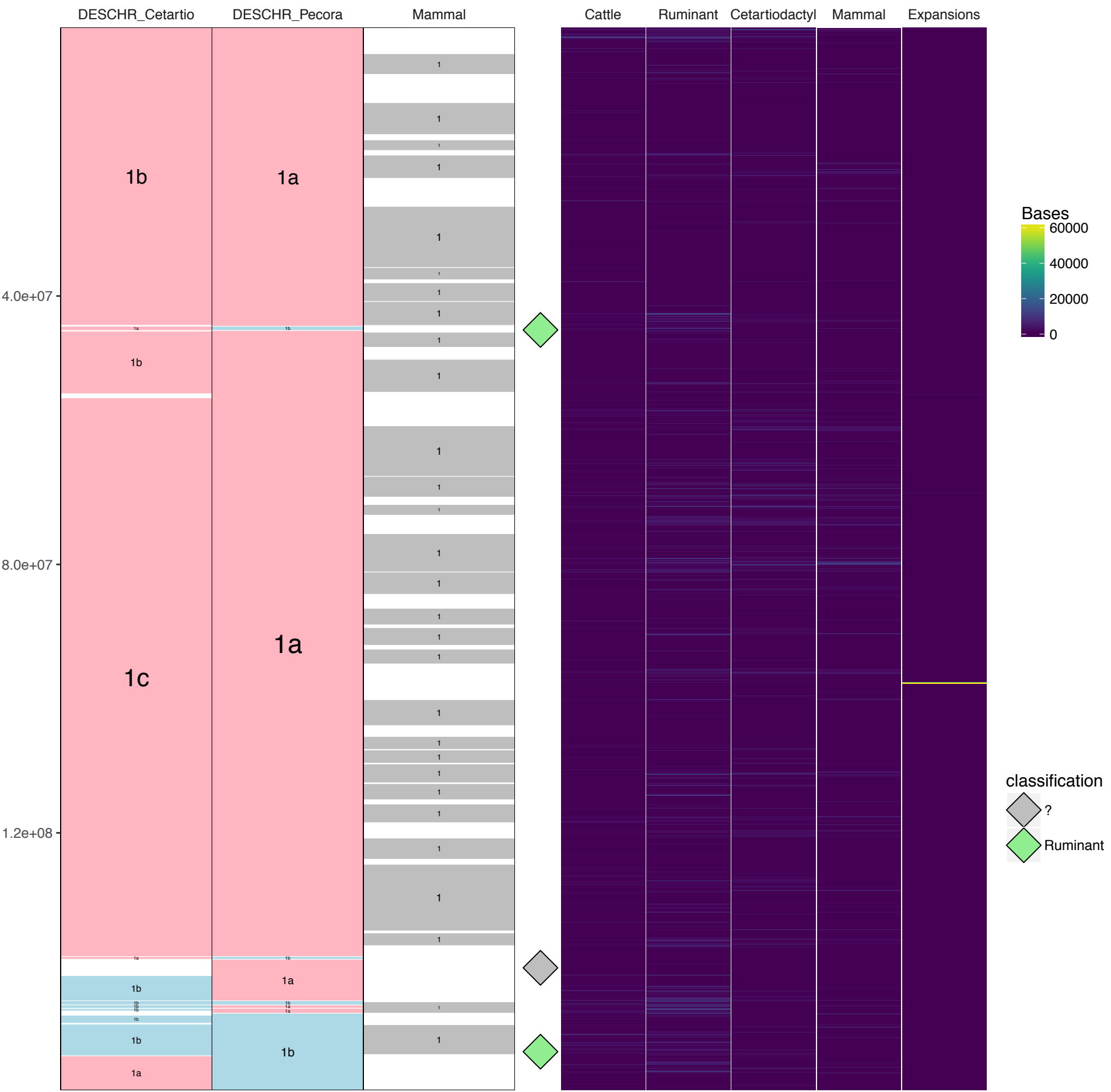
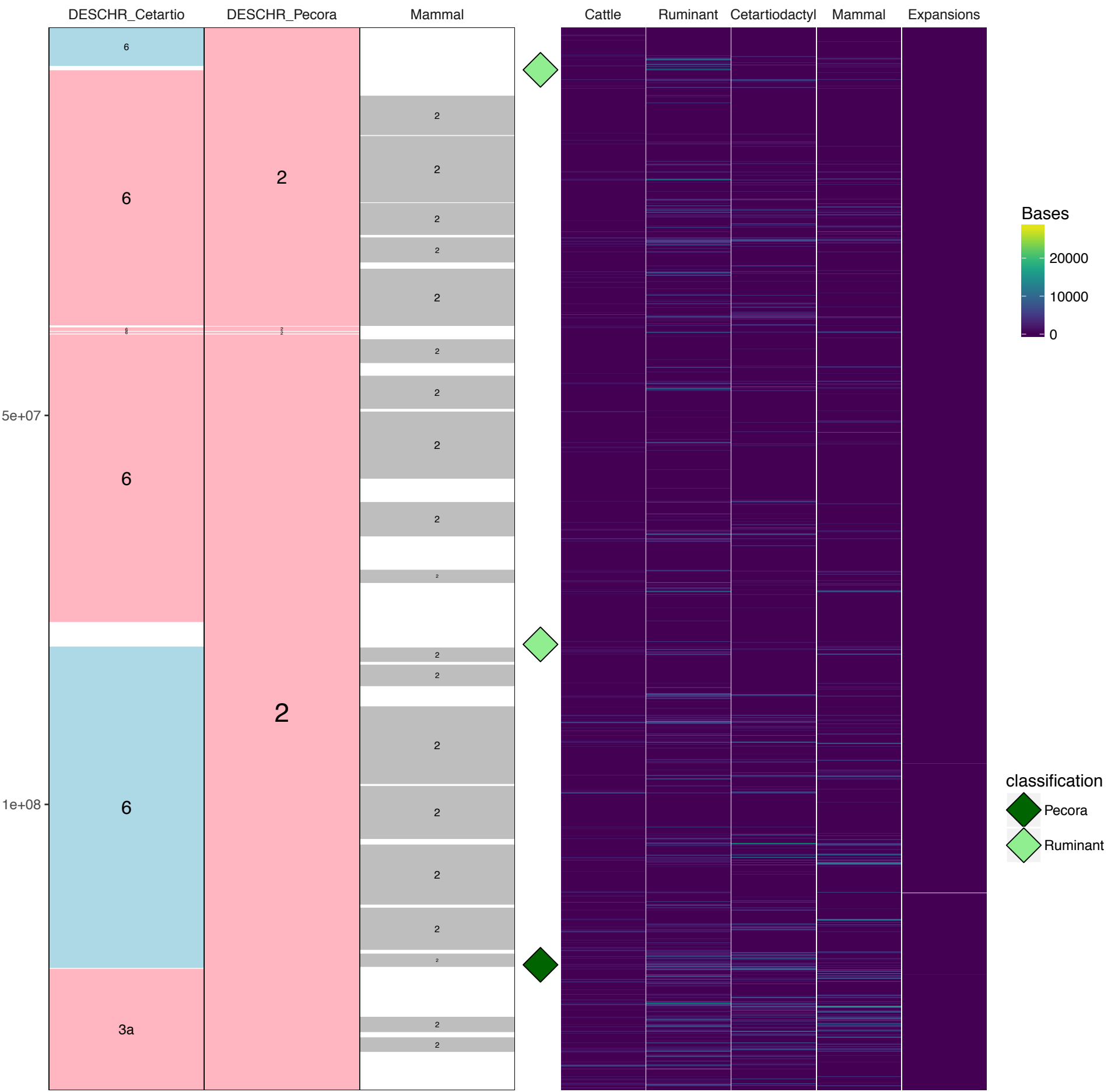


Supplemental Figure 6. Comparative organization of the reconstructed cetartiodactyl and pecoran ancestral chromosomes with the cattle genome as a reference. Order and orientation of syntenic fragments are visualized using the Evolution Highway comparative chromosome browser. Blue and pink colors represent orientation of blocks relative to the reference, with blue indicating the same orientation, and pink indicating the opposite orientation. Pink does not always indicate an inversion because the orientation of RACFs is randomly chosen during the reconstruction. The number within each block represents a chromosome number for a reconstructed ancestor, and a lower-case letter indicates a fragment of the chromosome. Light grey blocks indicate mammalian multispecies homologous synteny blocks (msHSBs). Diamonds indicate the position of EBRs, with light and dark green showing EBRs classified as ruminant or pecoran, respectively, using FISH data. Heatmaps show the density of ruminant, cetartiodactyl, and mammalian enhancers, and ruminant gene family expansions in windows of 100 Kbp along cattle chromosomes.

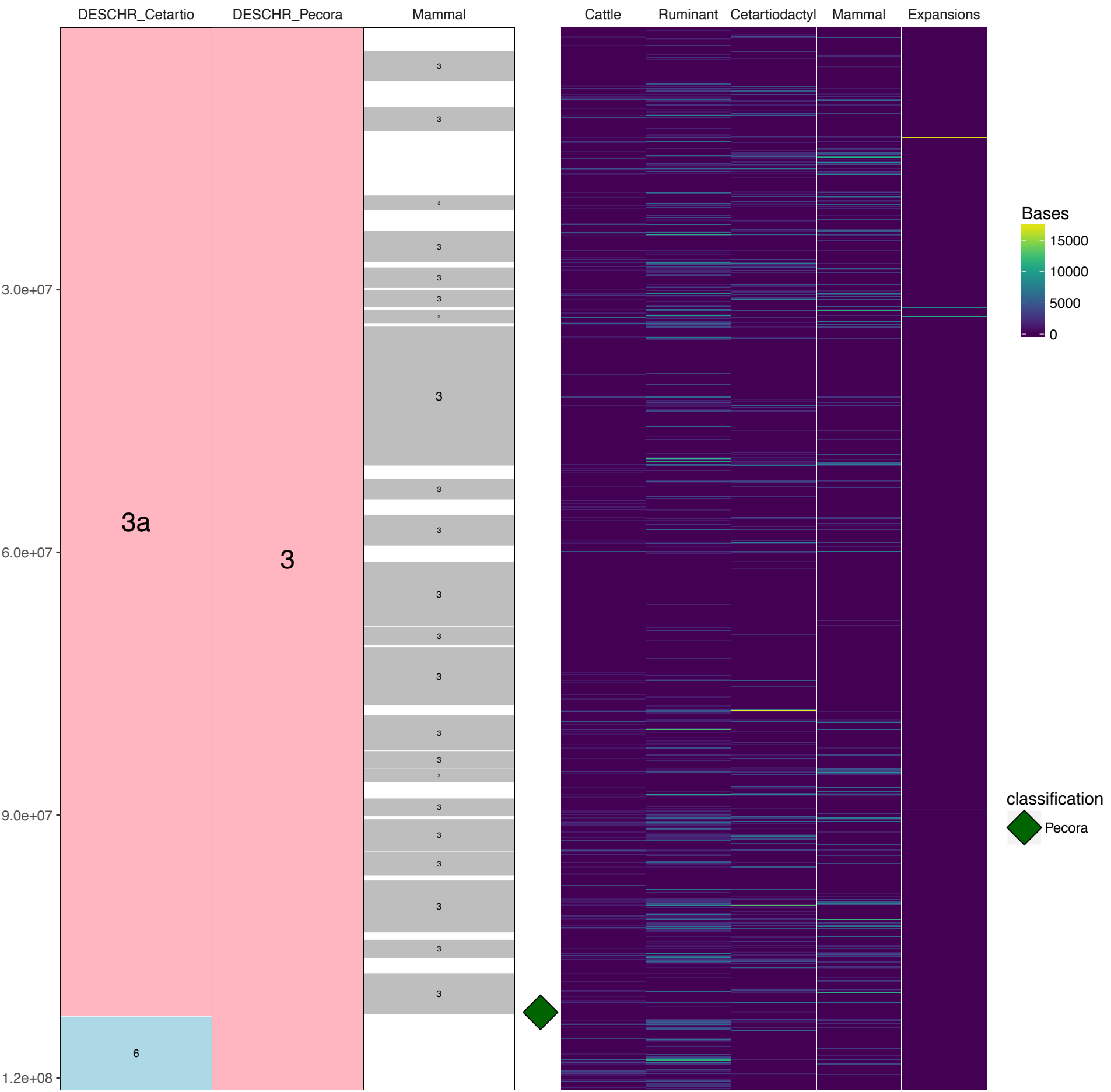
Cattle chr1



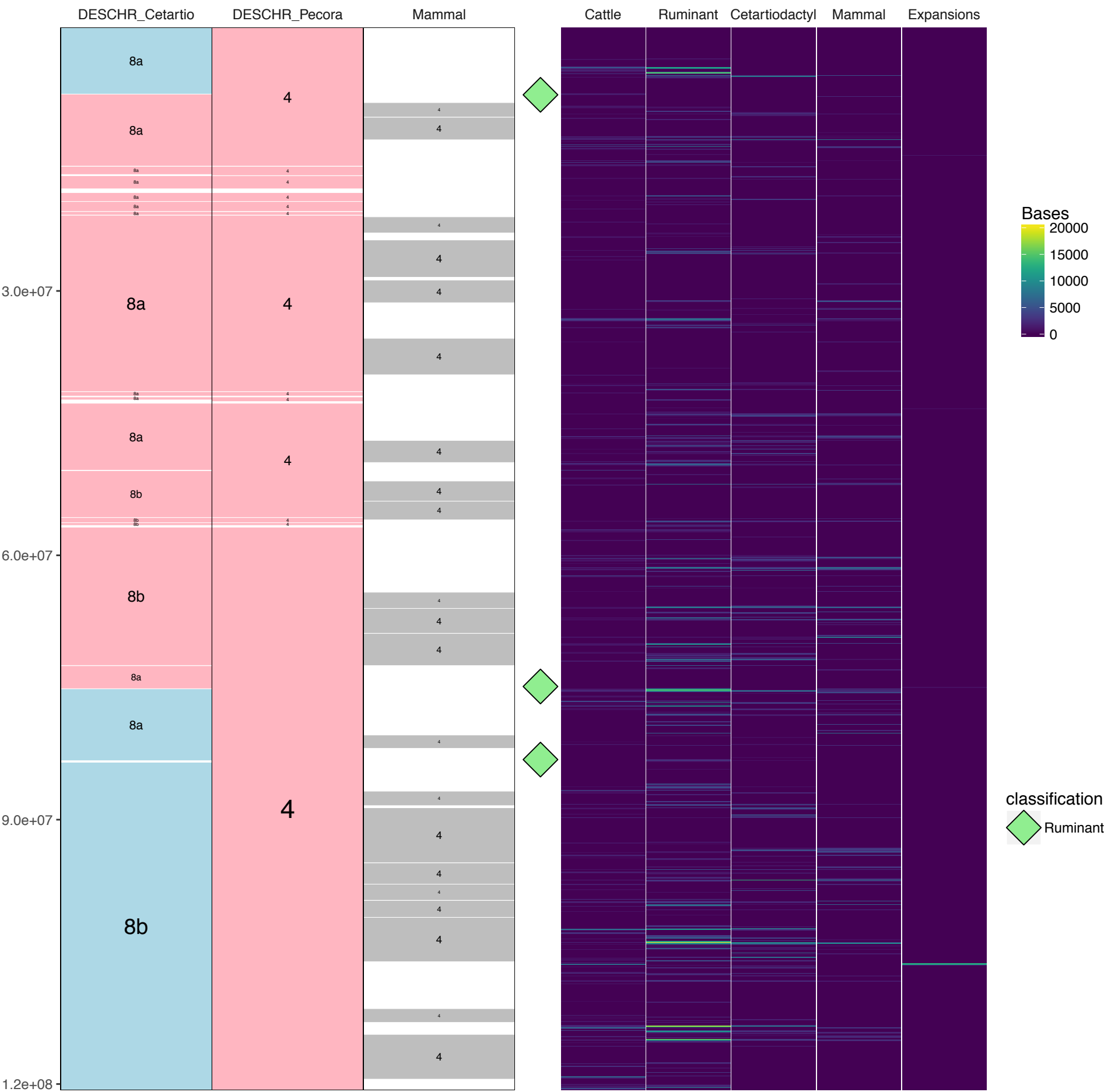
Cattle chr2



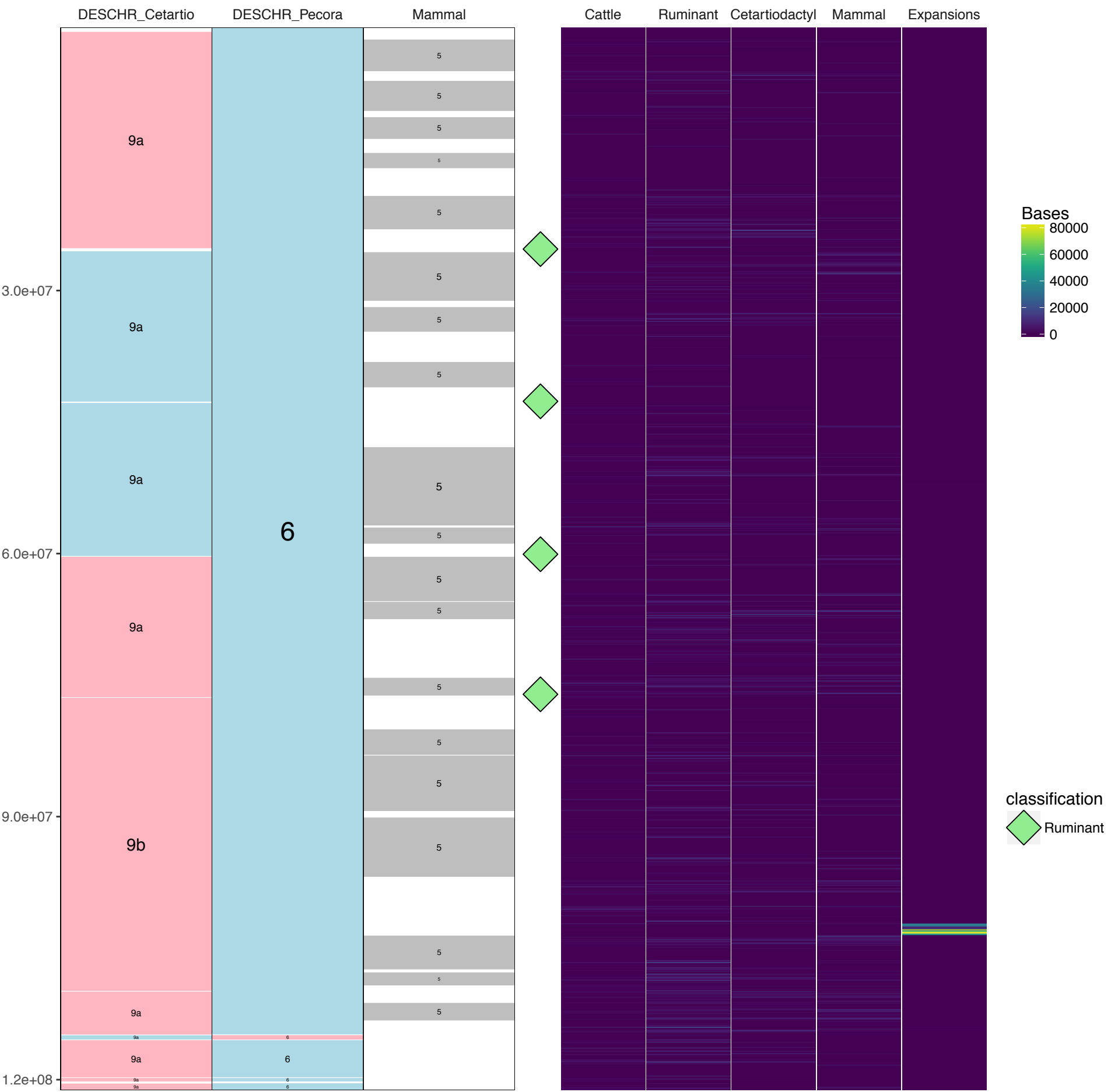
Cattle chr3



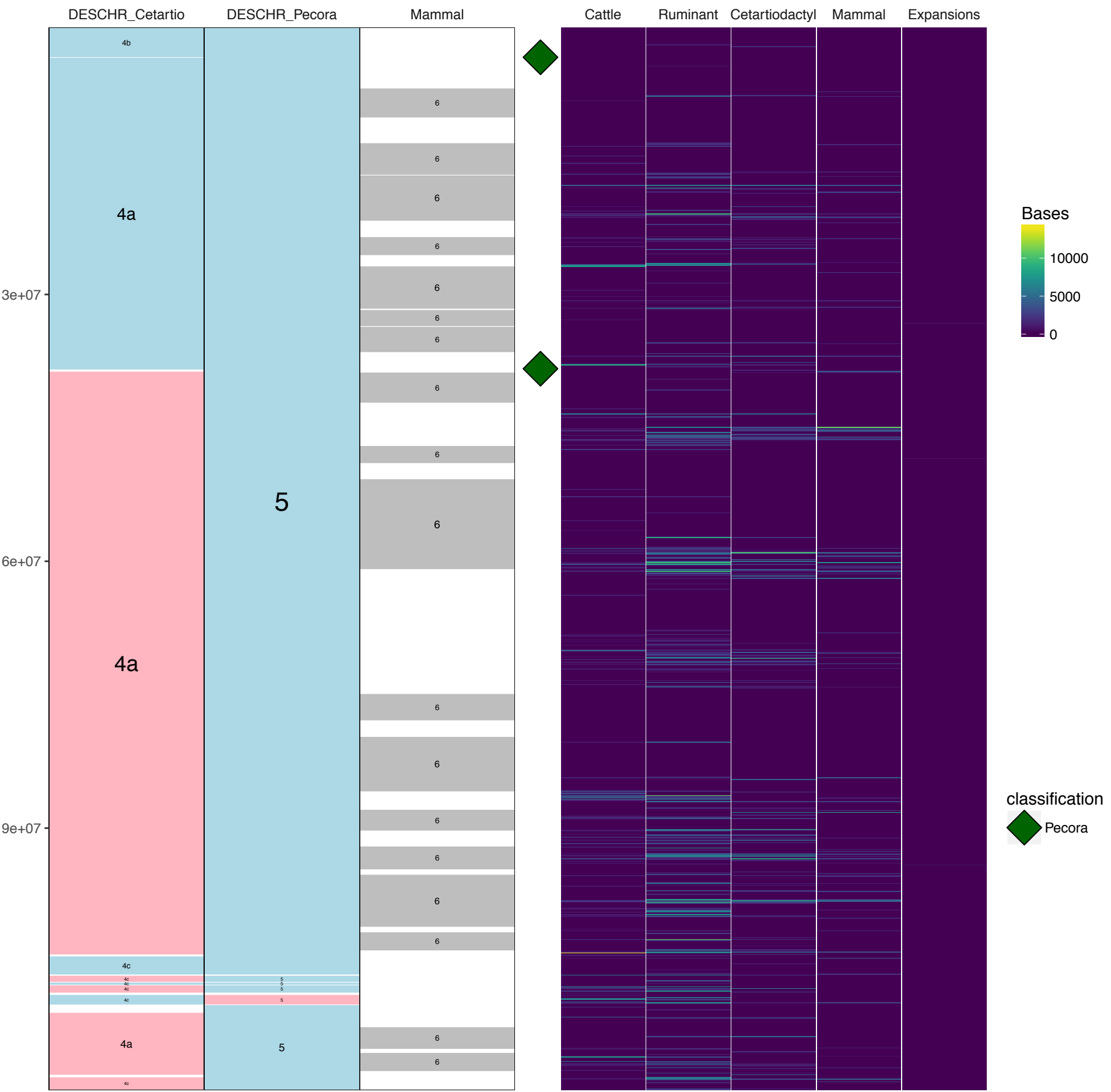
Cattle chr4



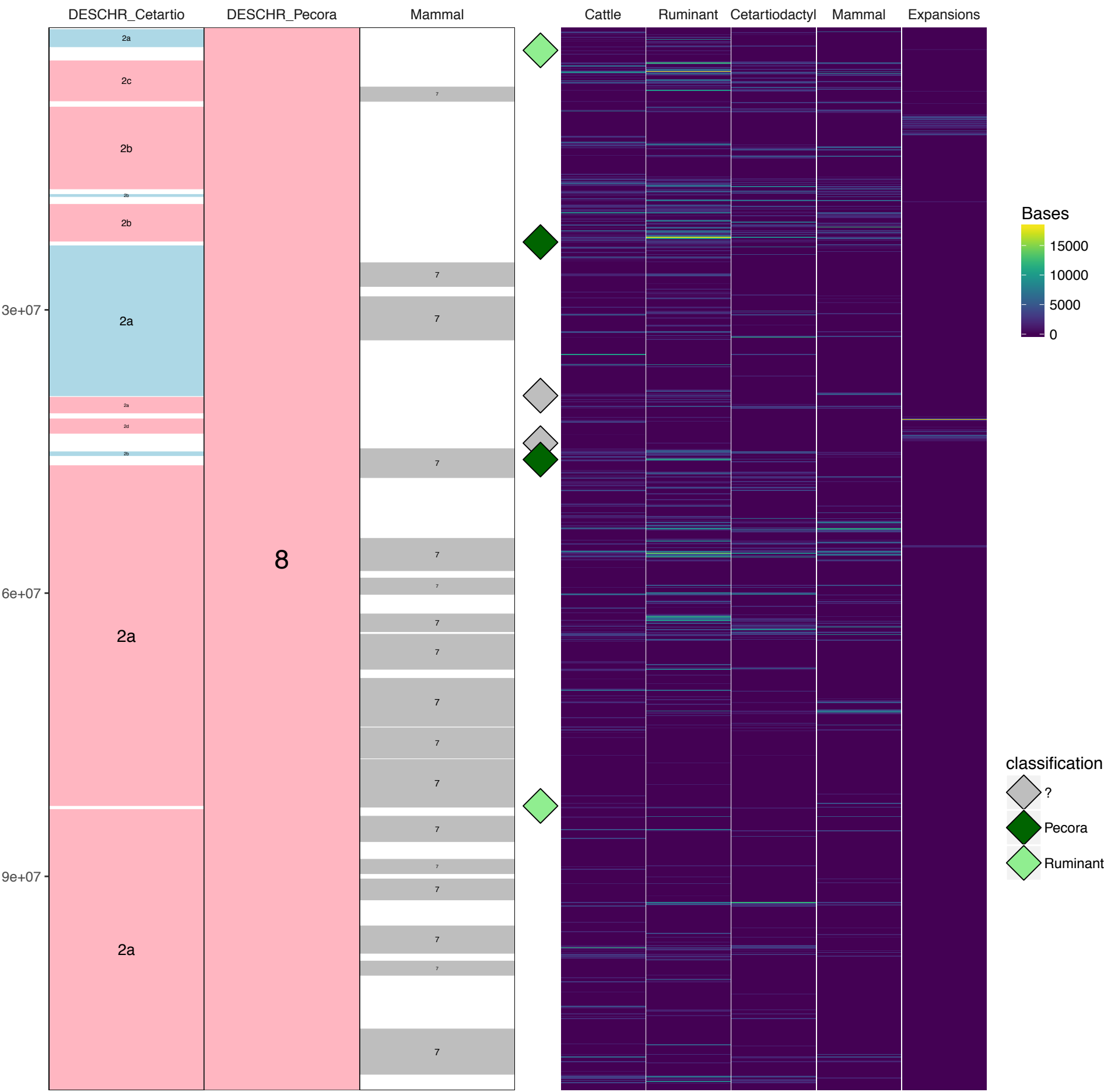
Cattle chr5



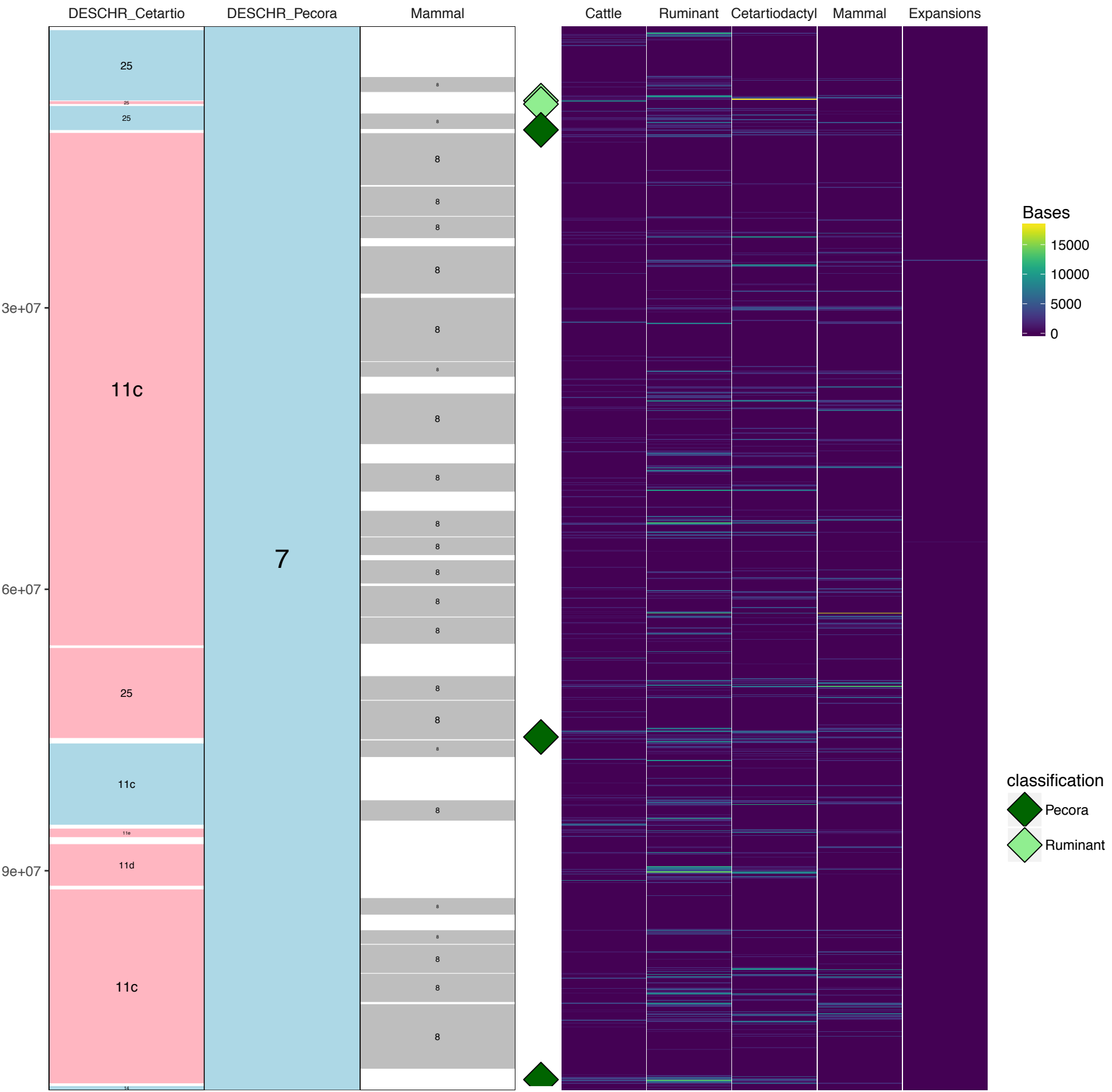
Cattle chr6



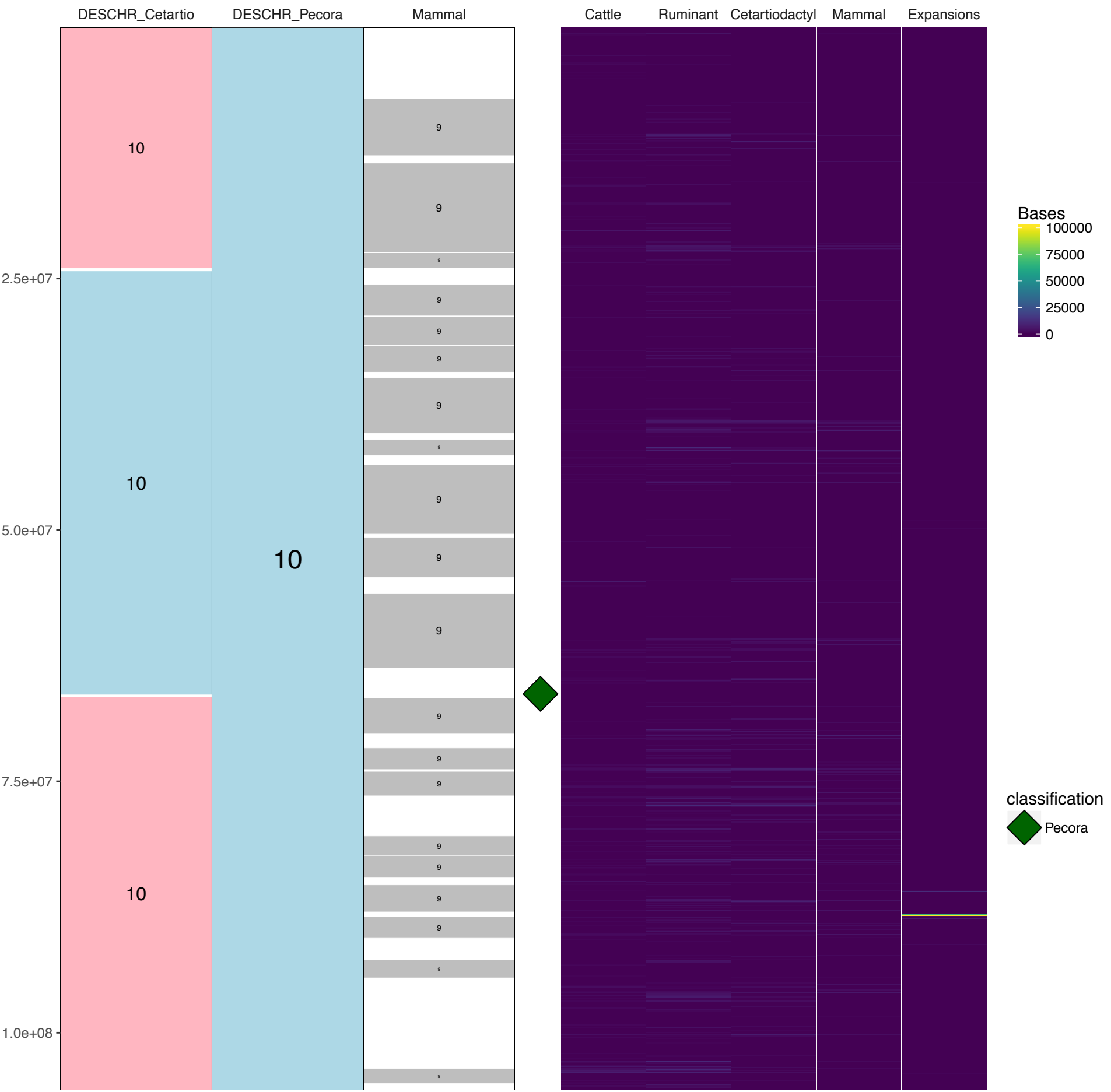
Cattle chr7



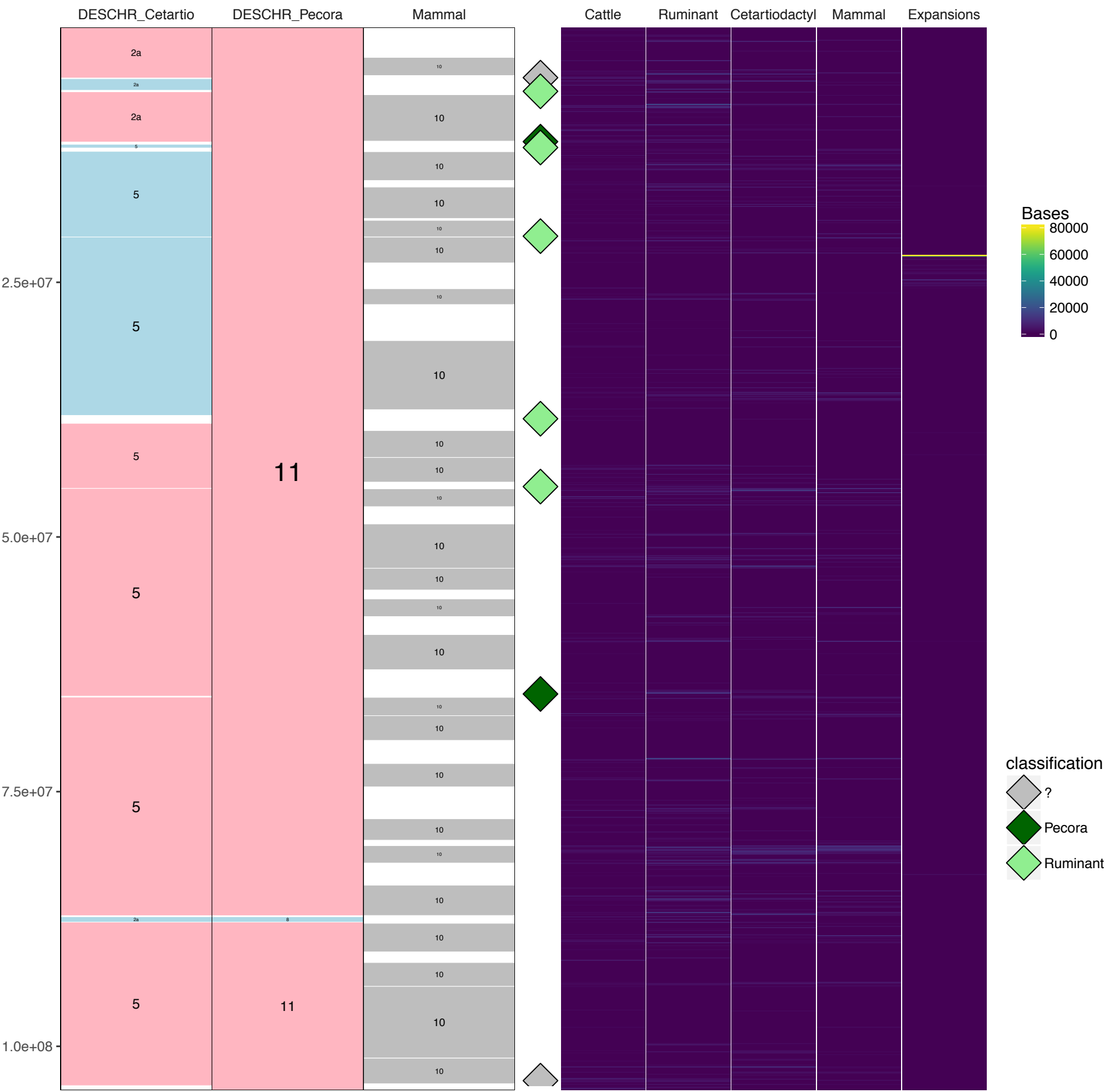
Cattle chr8



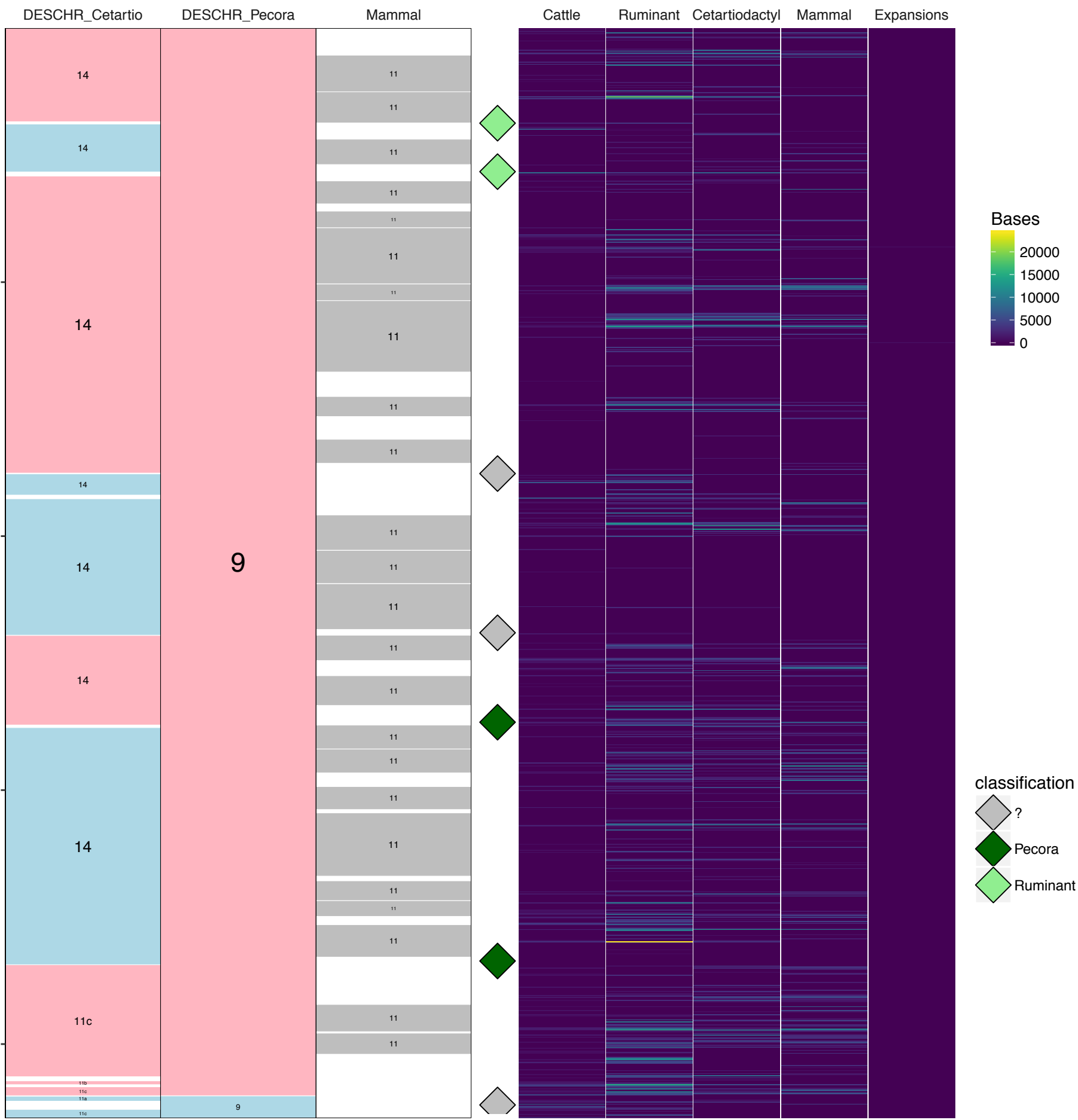
Cattle chr9



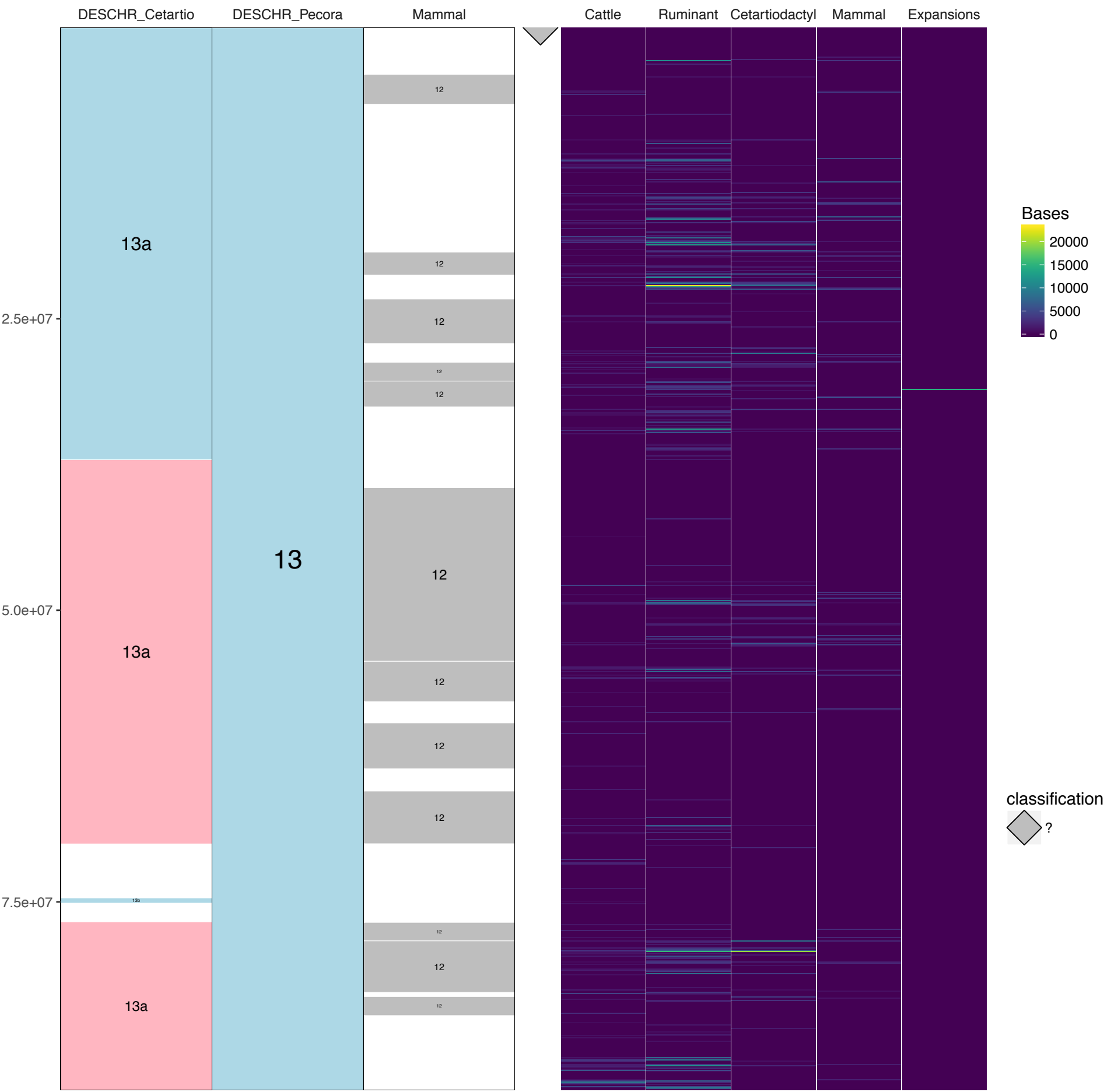
Cattle chr10



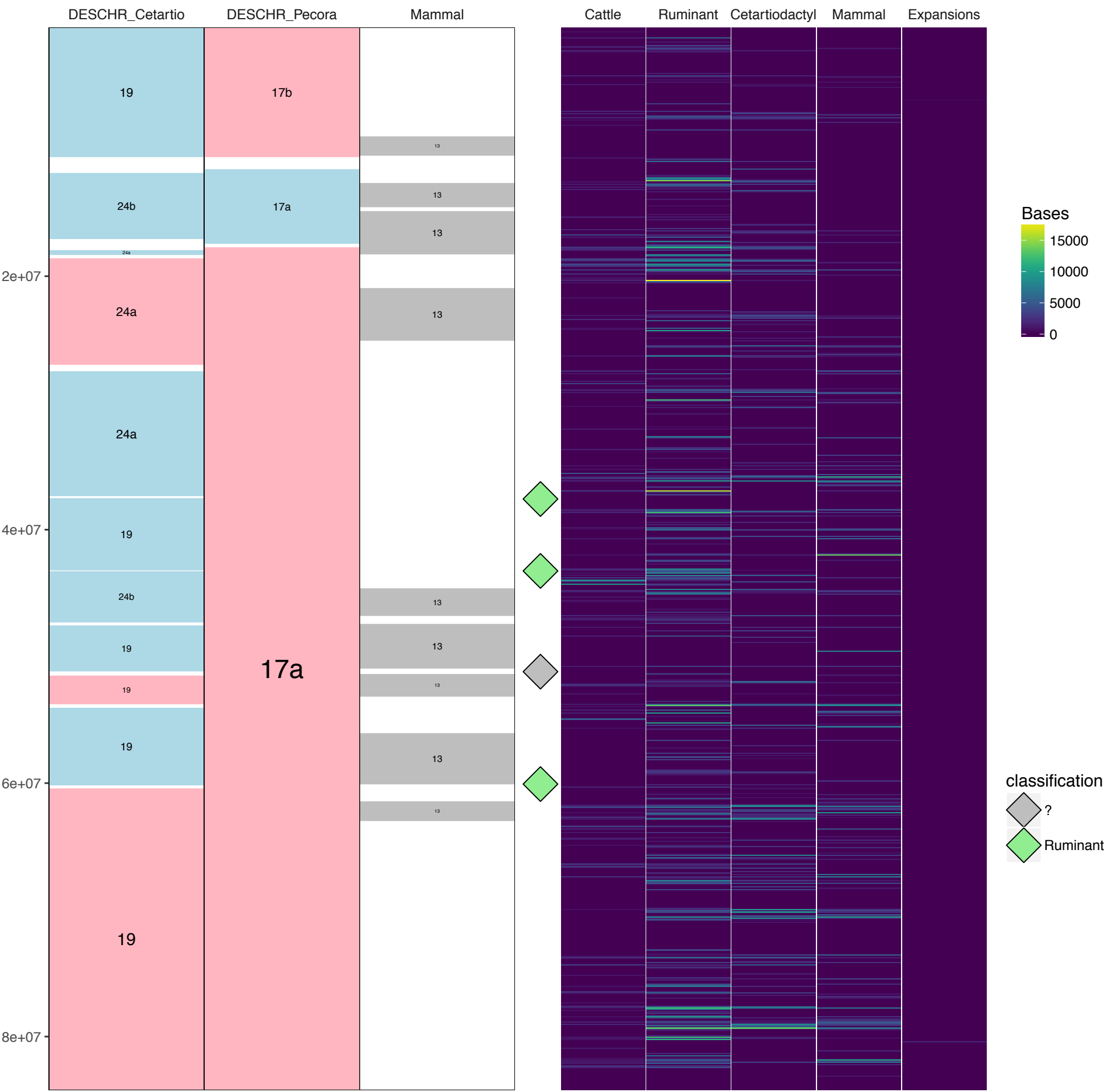
Cattle chr11



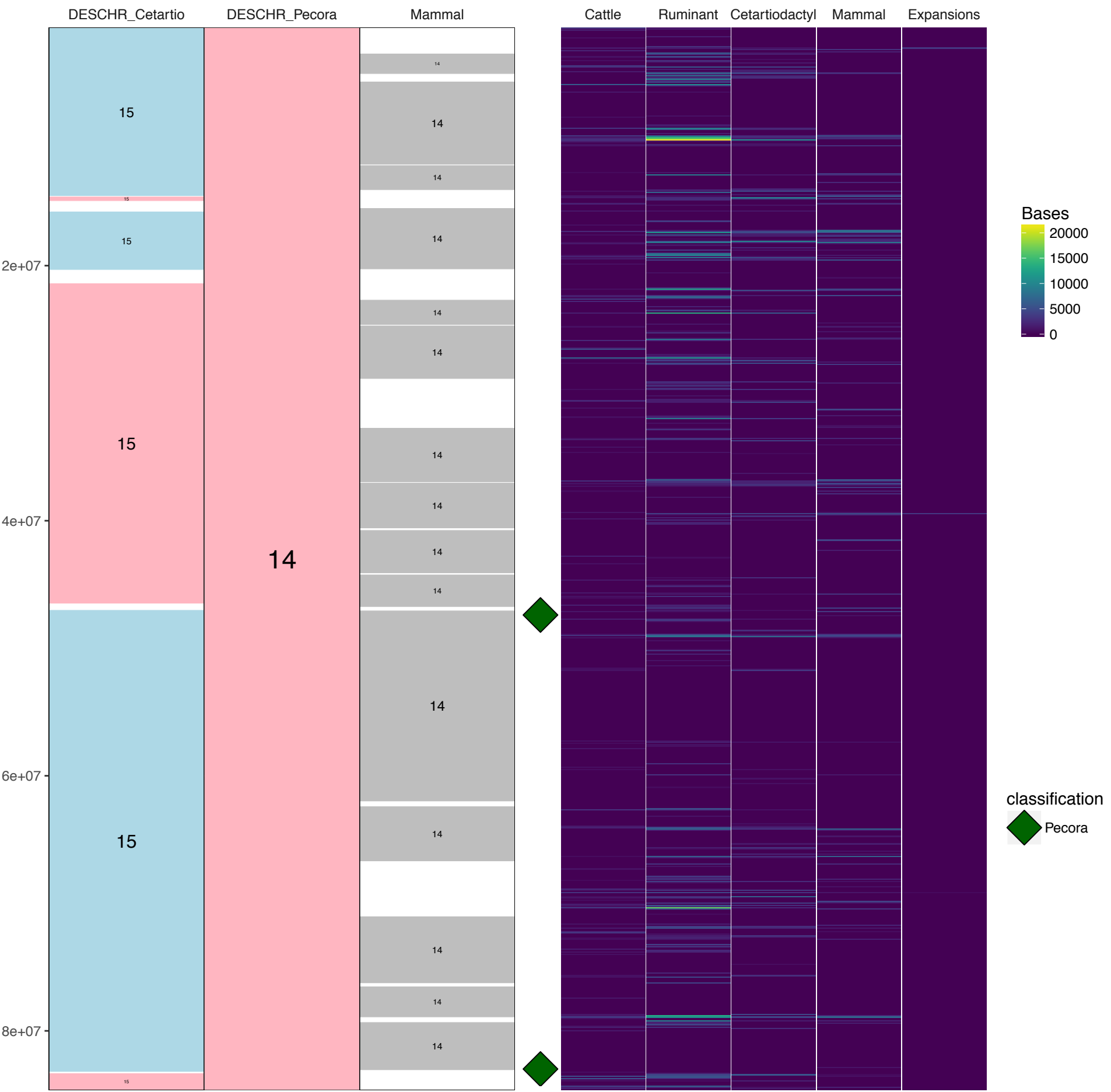
Cattle chr12



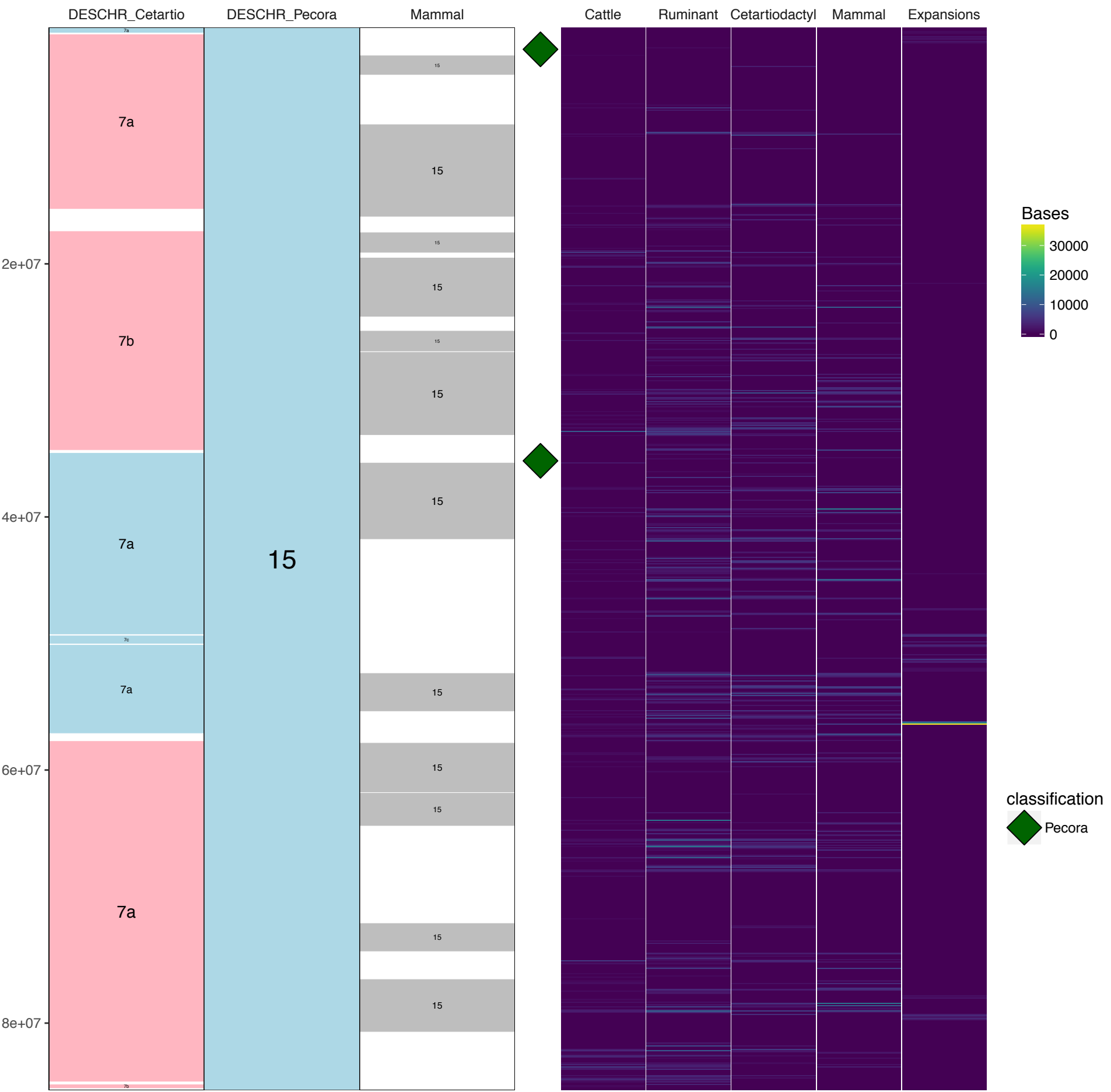
Cattle chr13



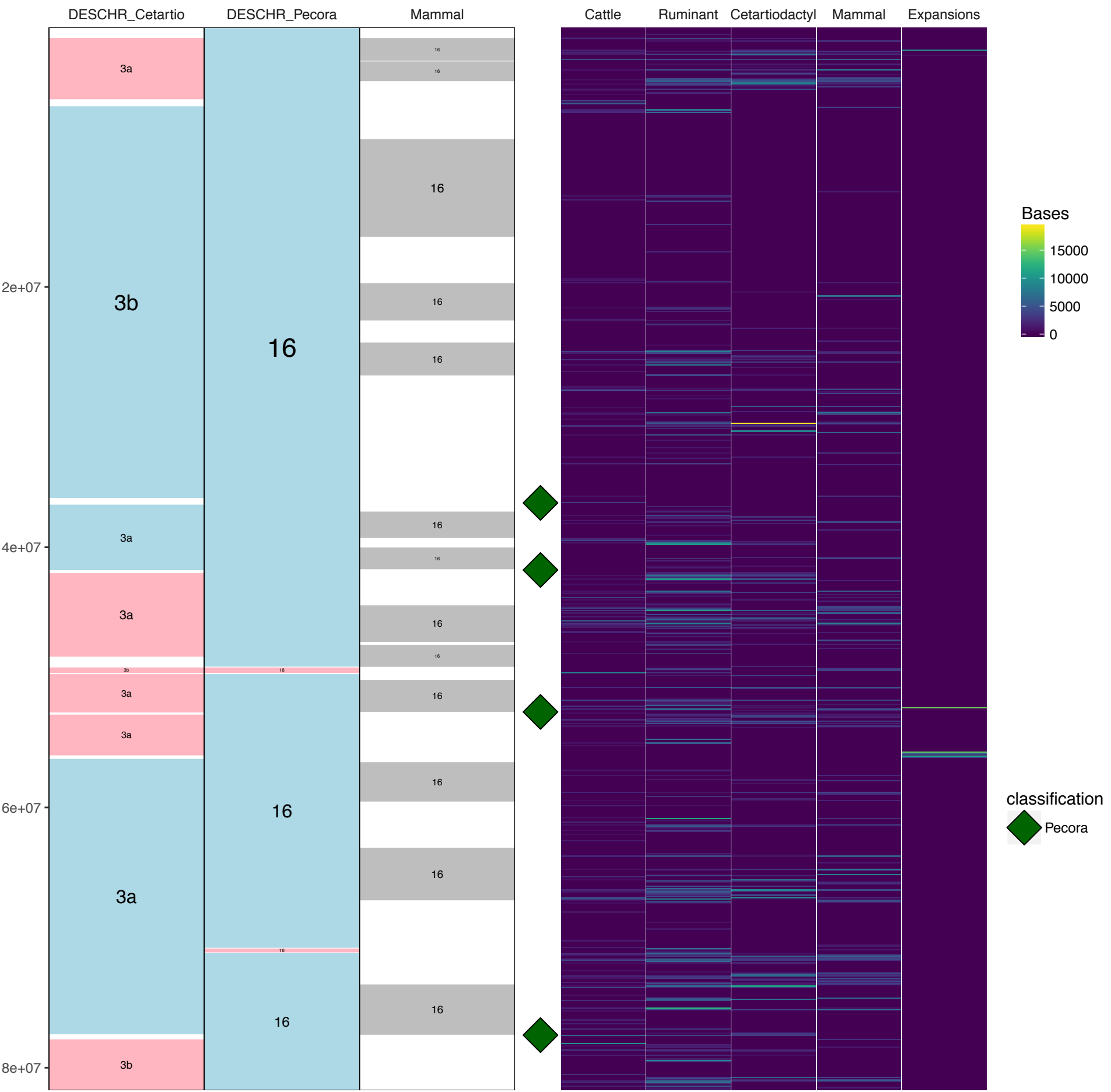
Cattle chr14



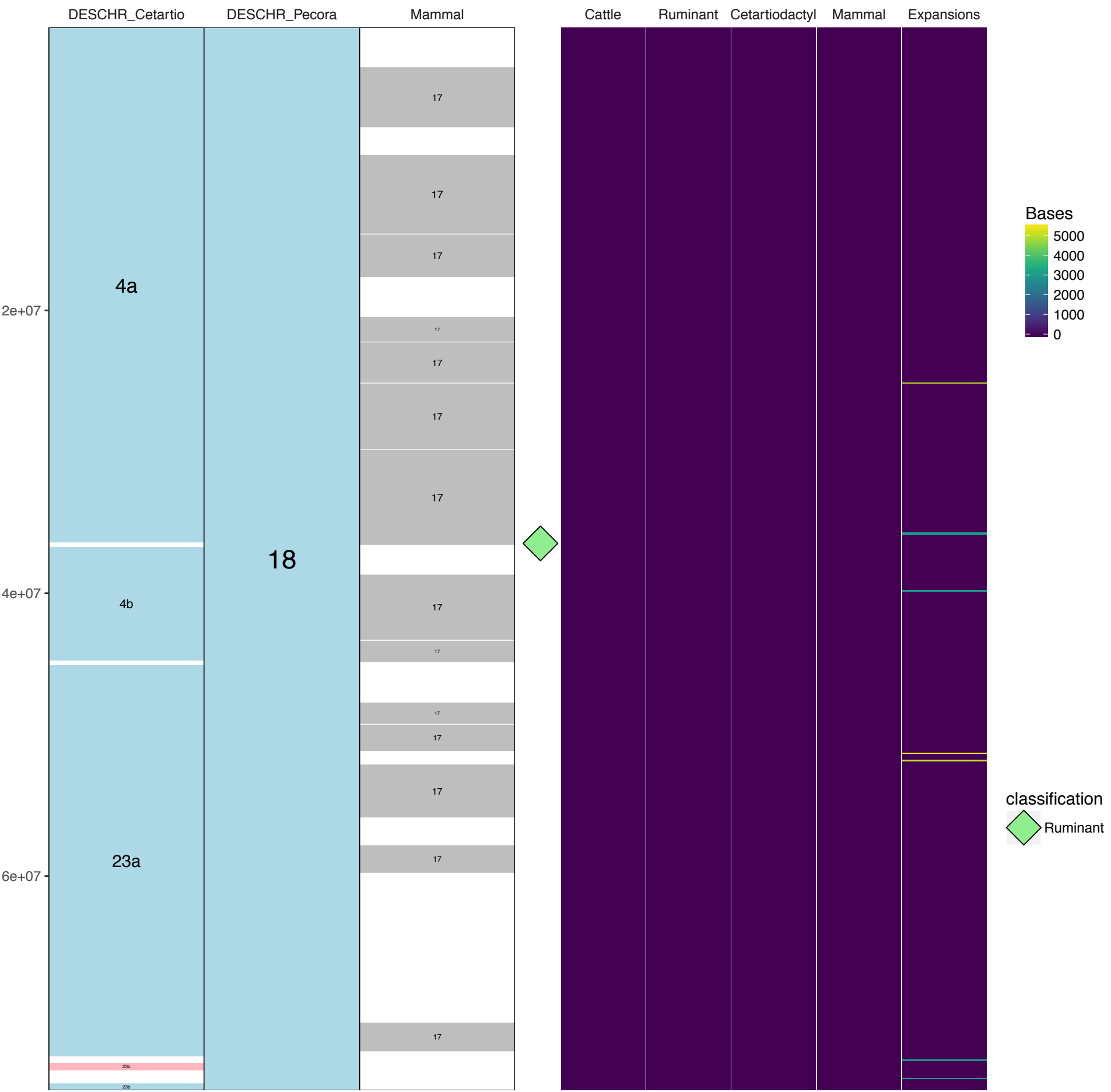
Cattle chr15



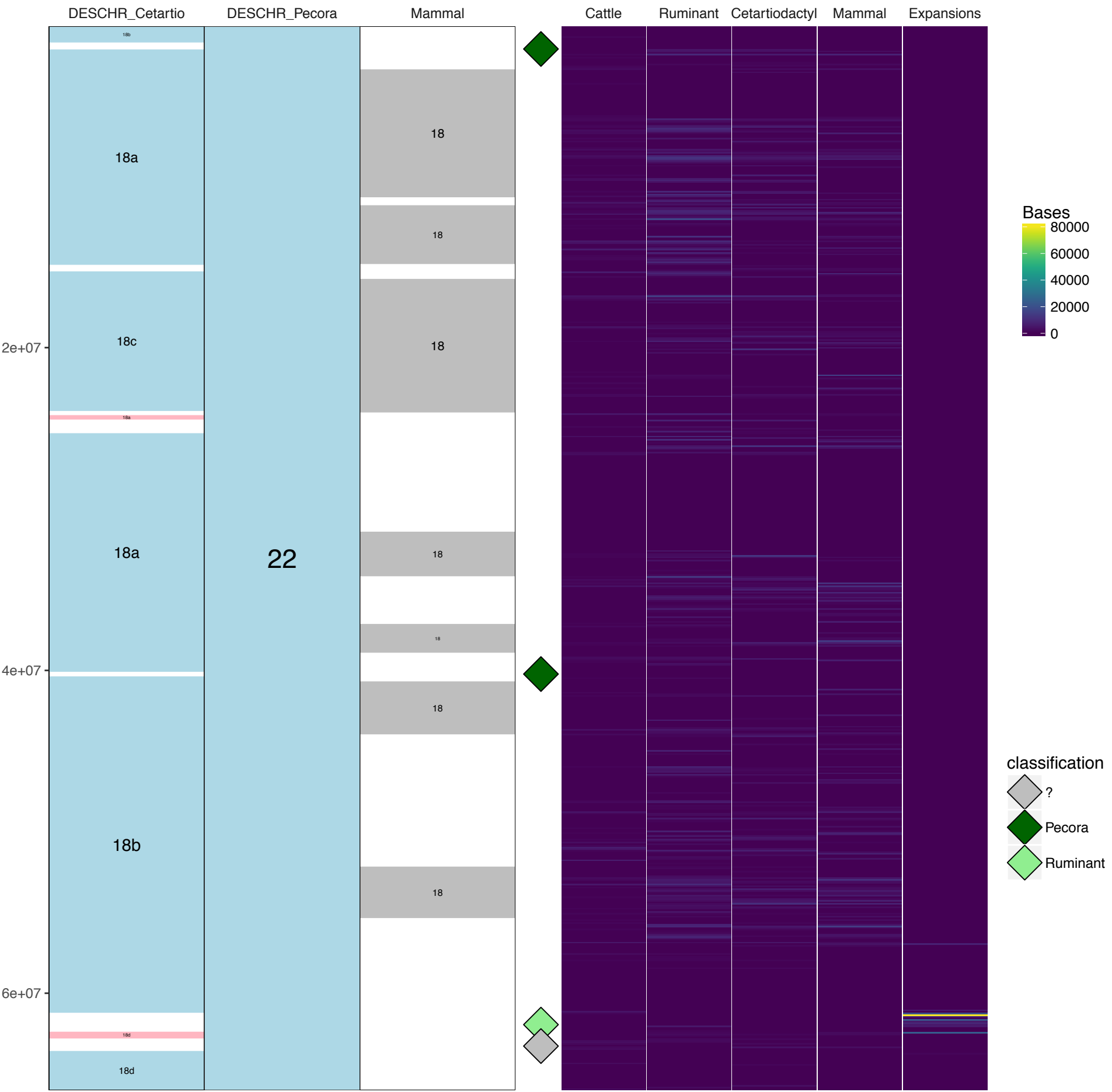
Cattle chr16



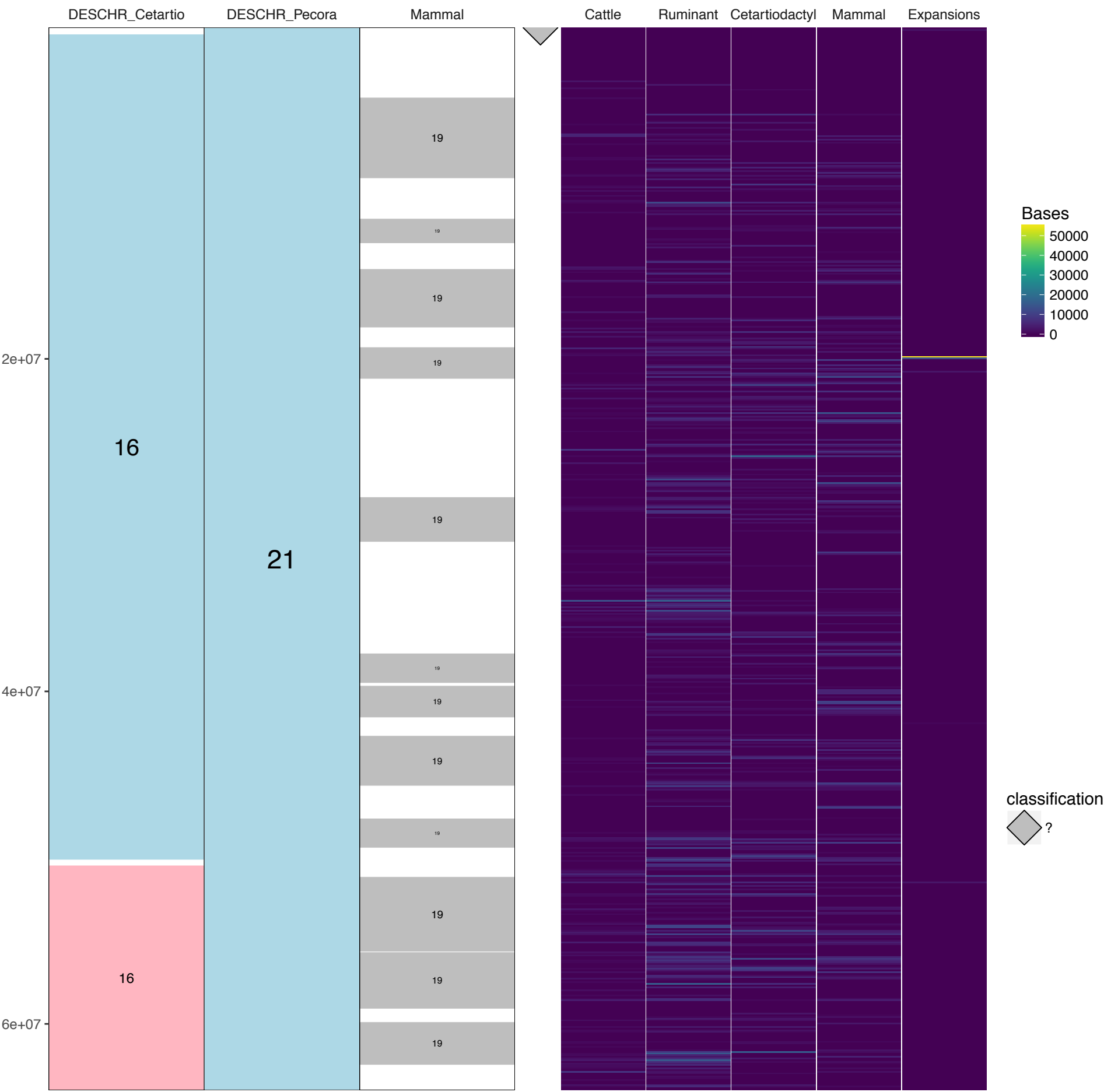
Cattle chr17



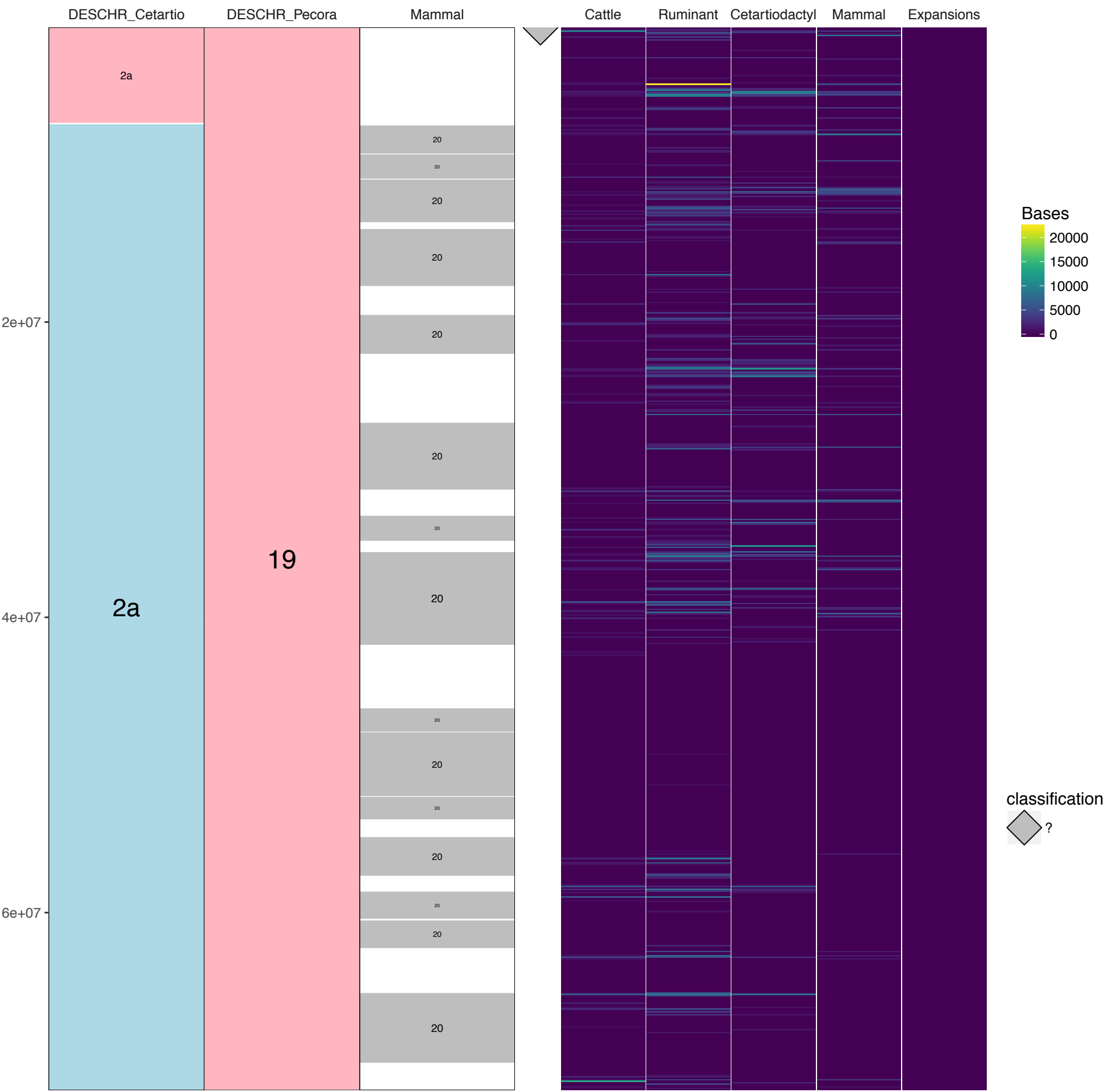
Cattle chr18



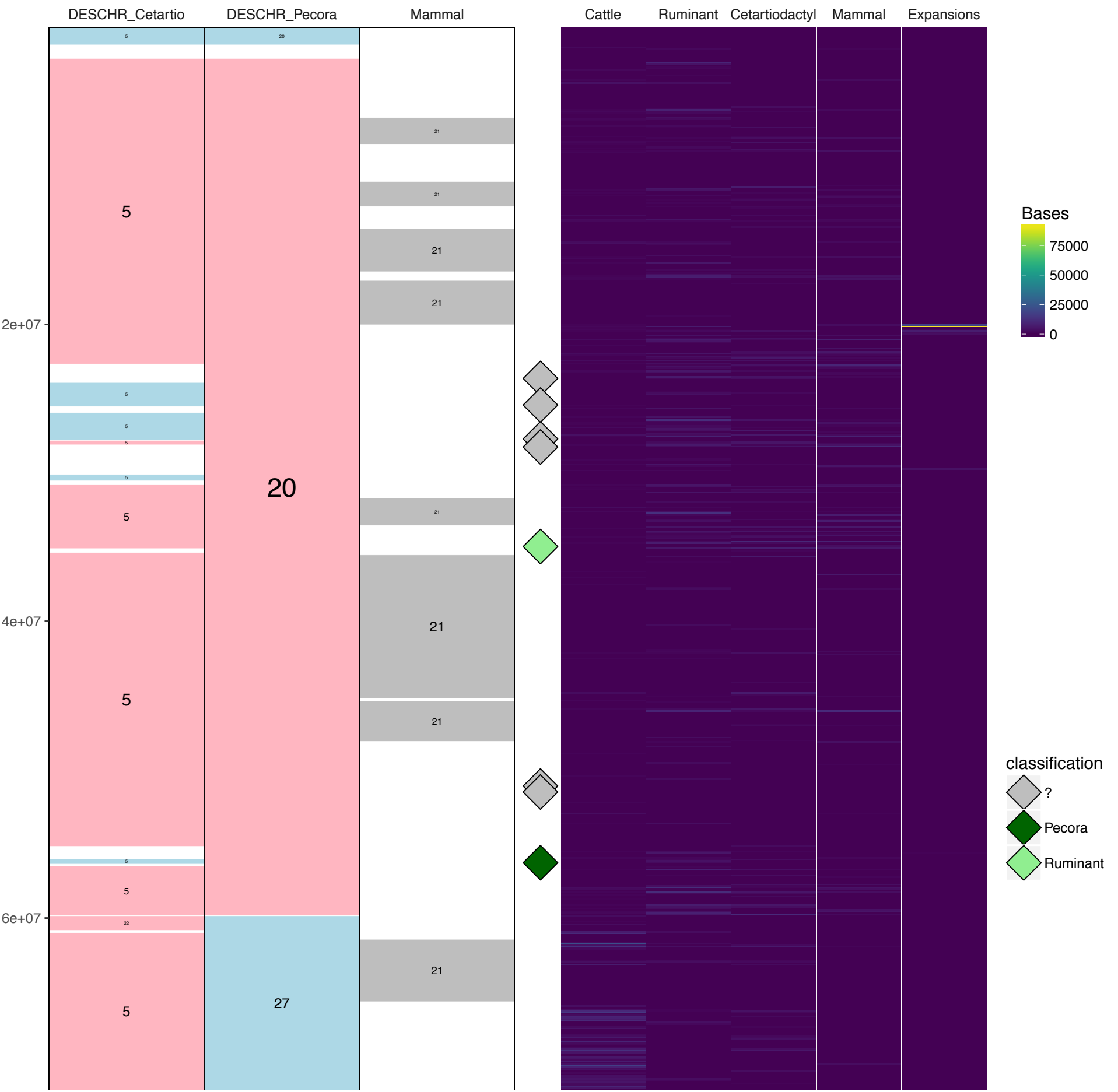
Cattle chr19



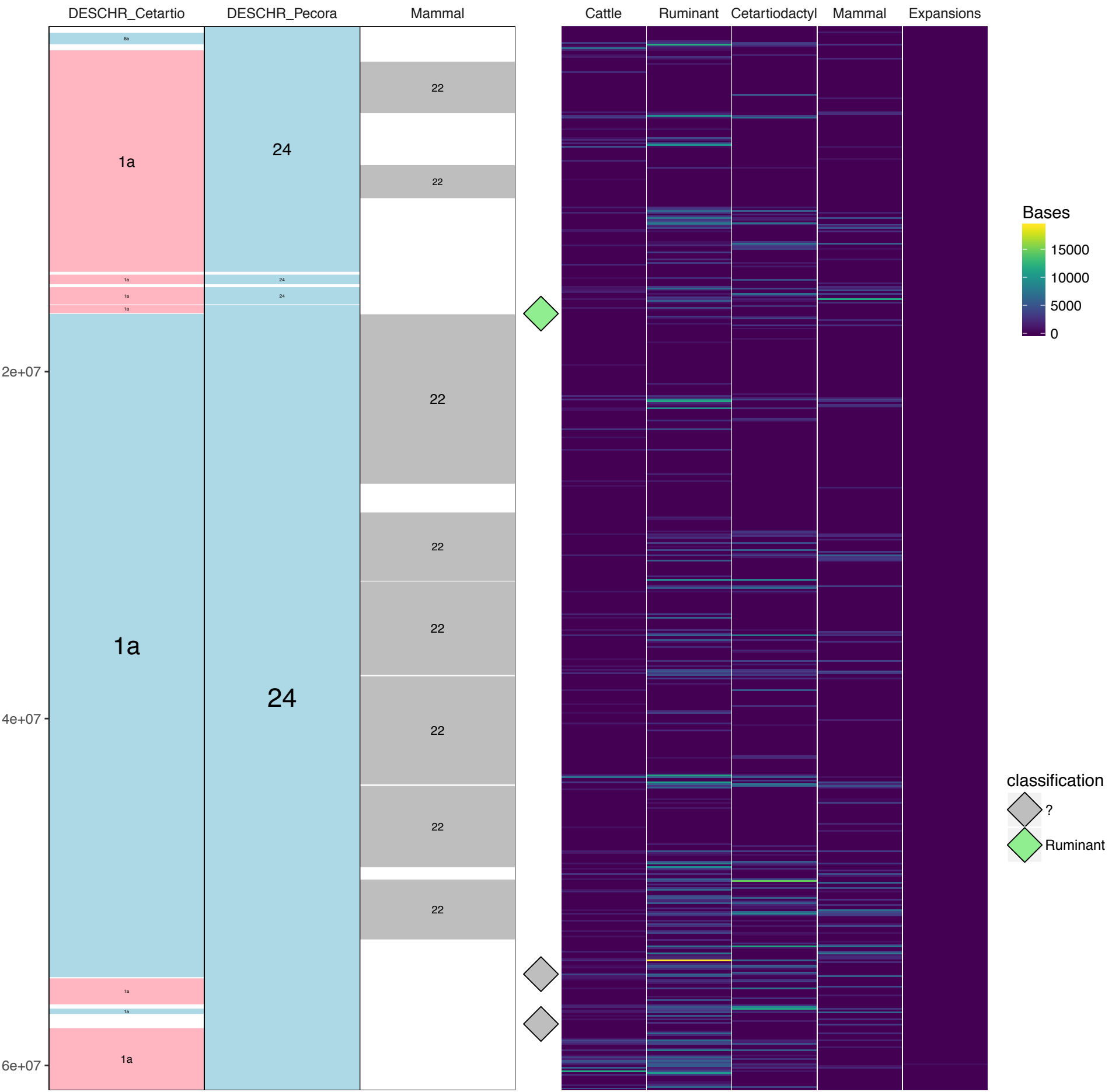
Cattle chr20



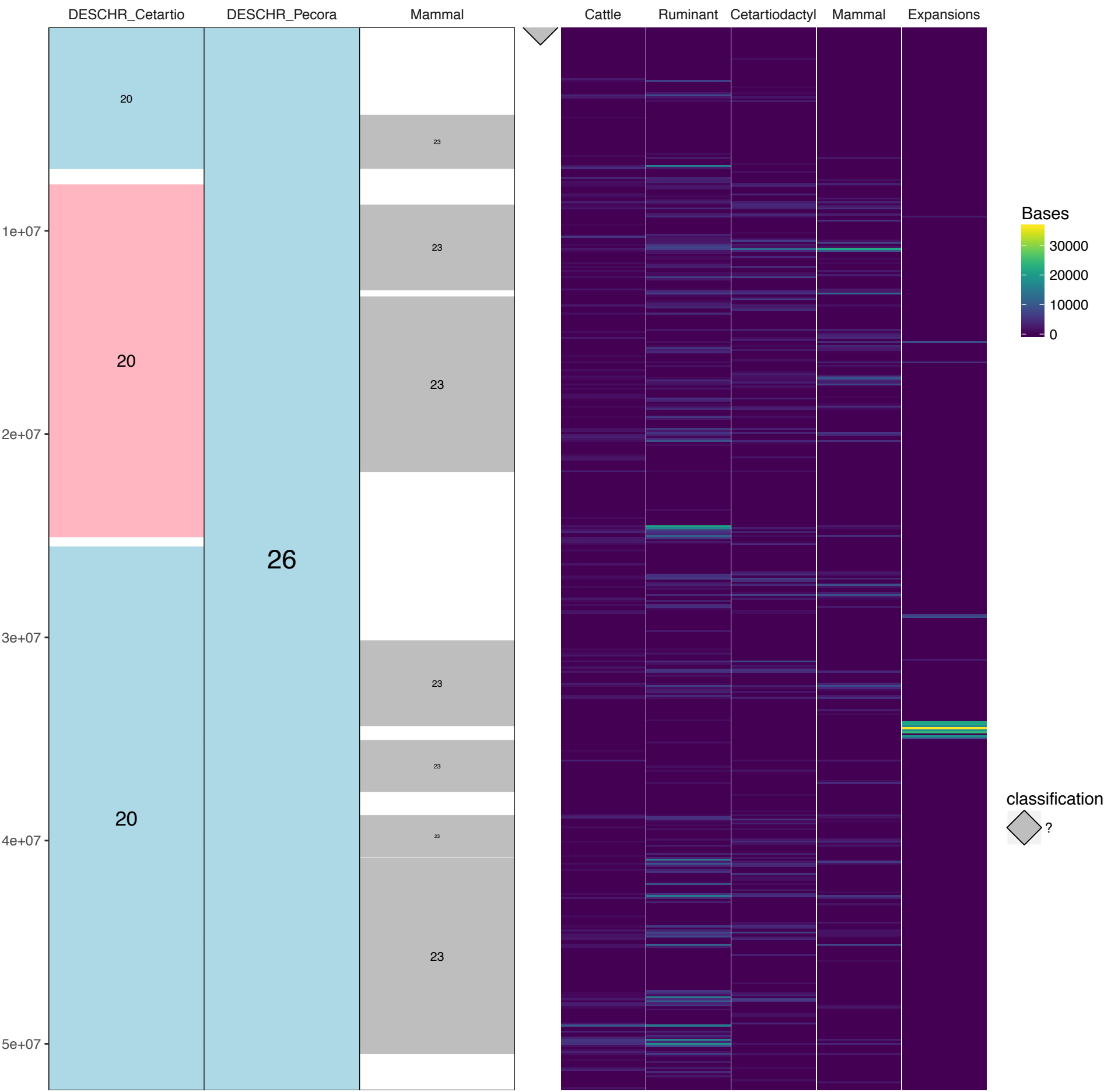
Cattle chr21



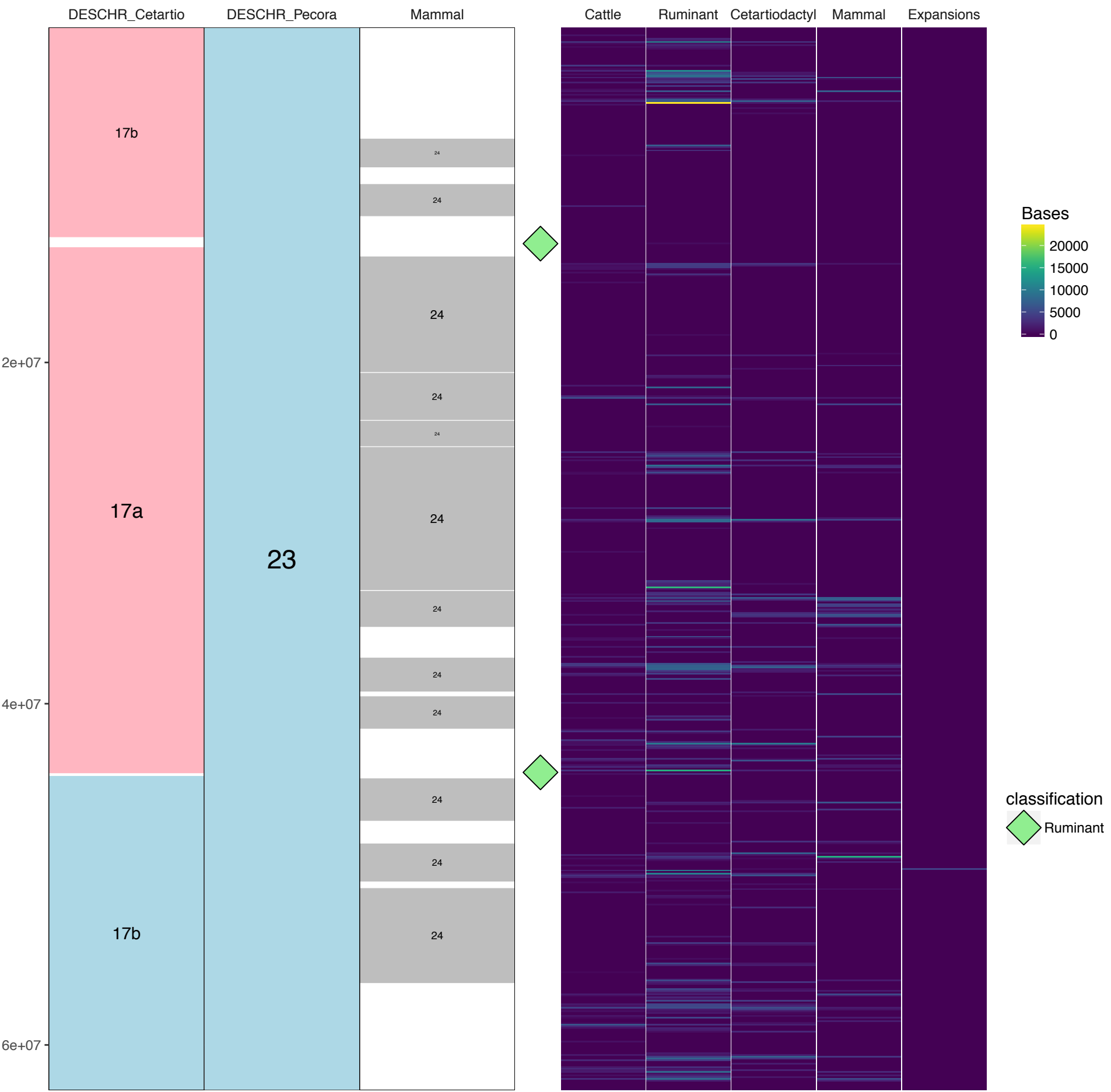
Cattle chr22



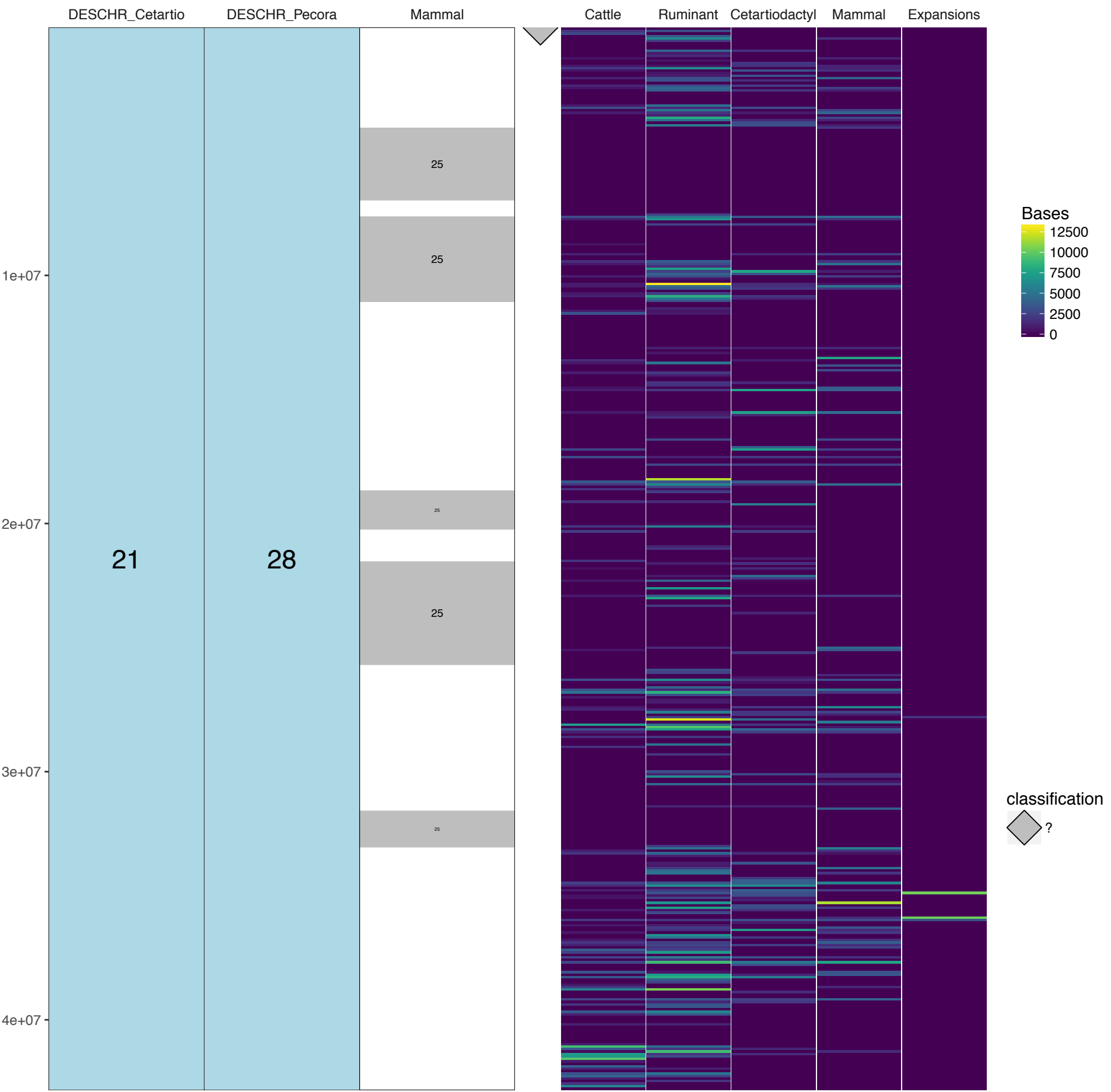
Cattle chr23



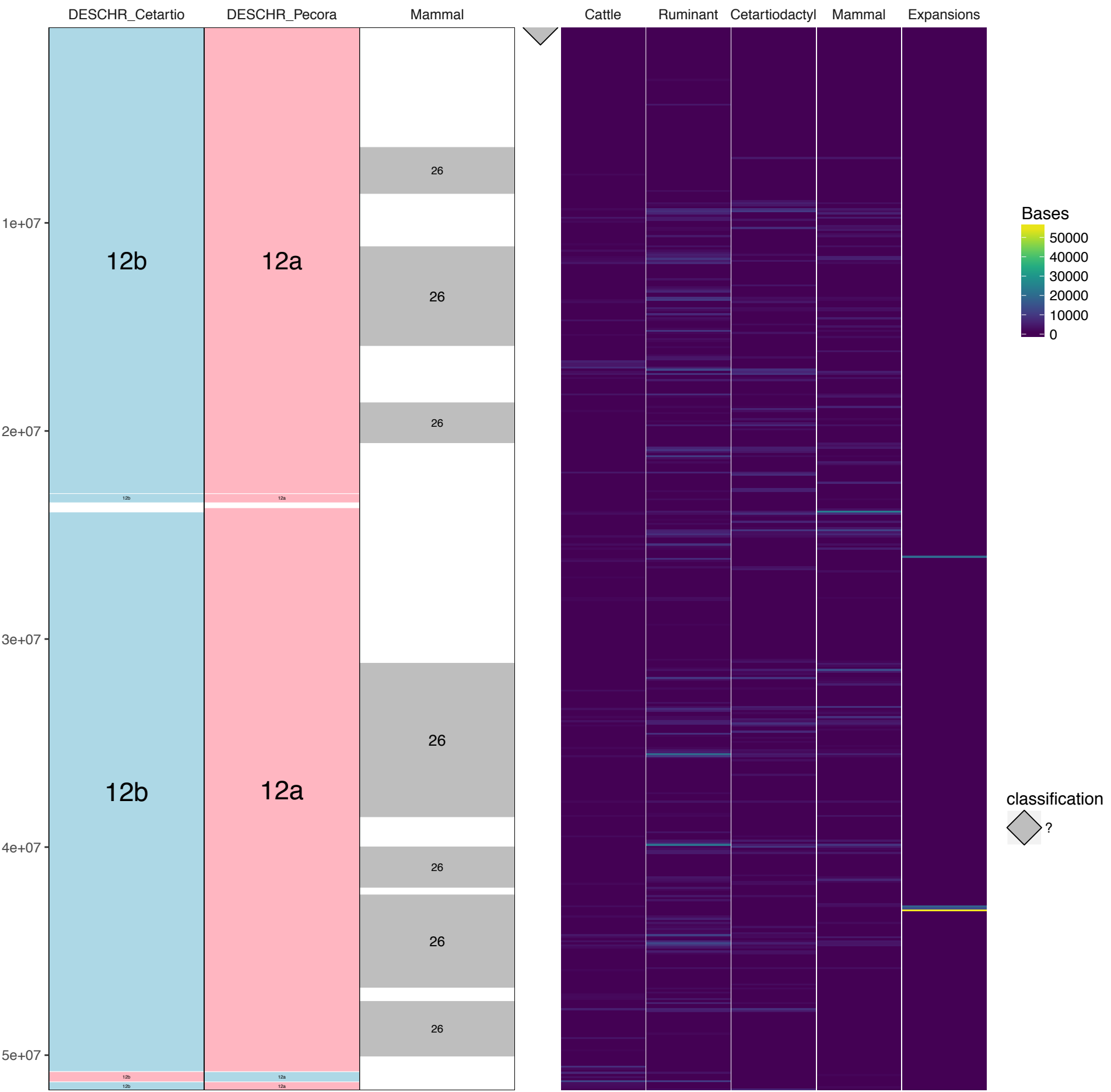
Cattle chr24



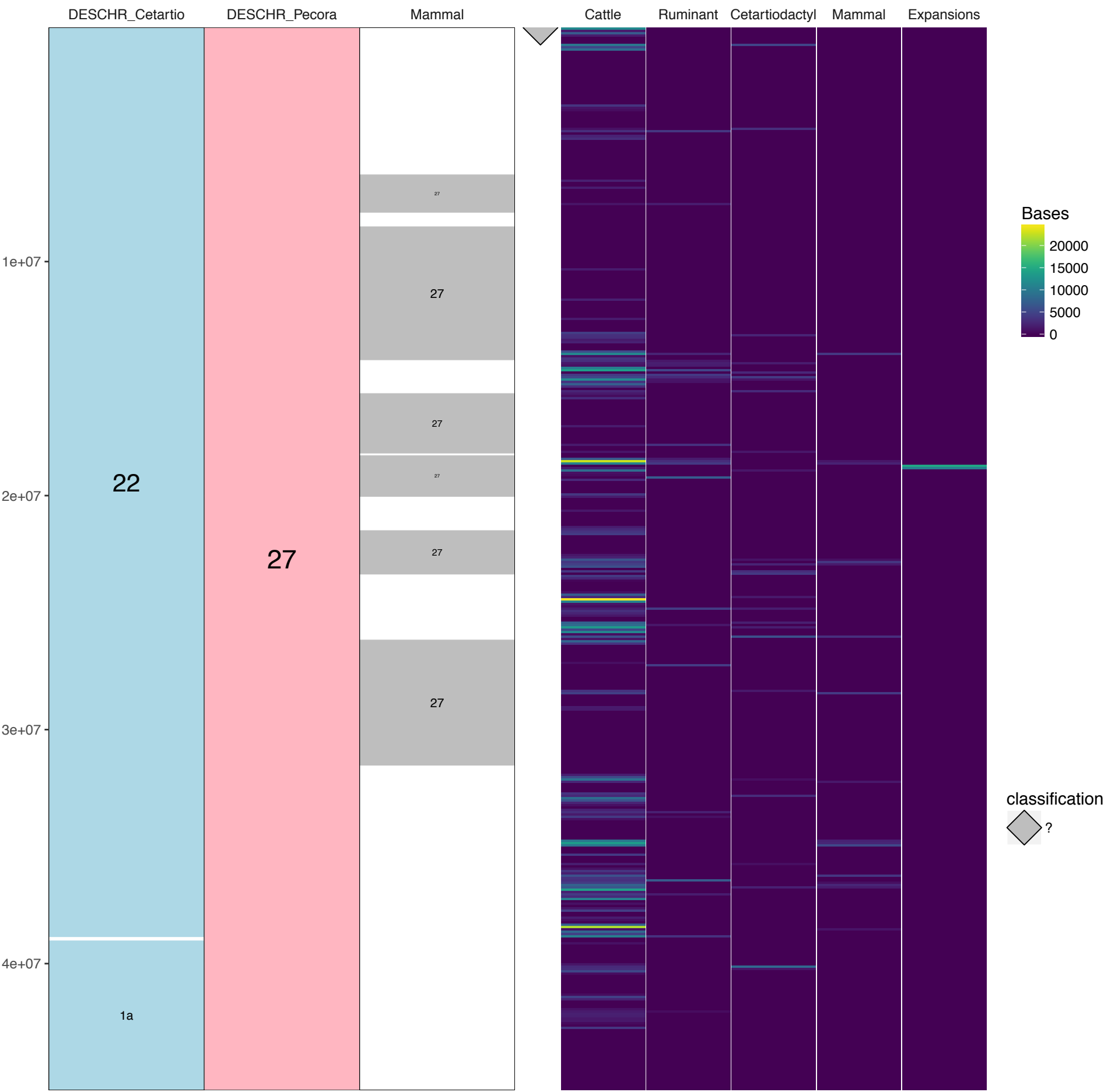
Cattle chr25



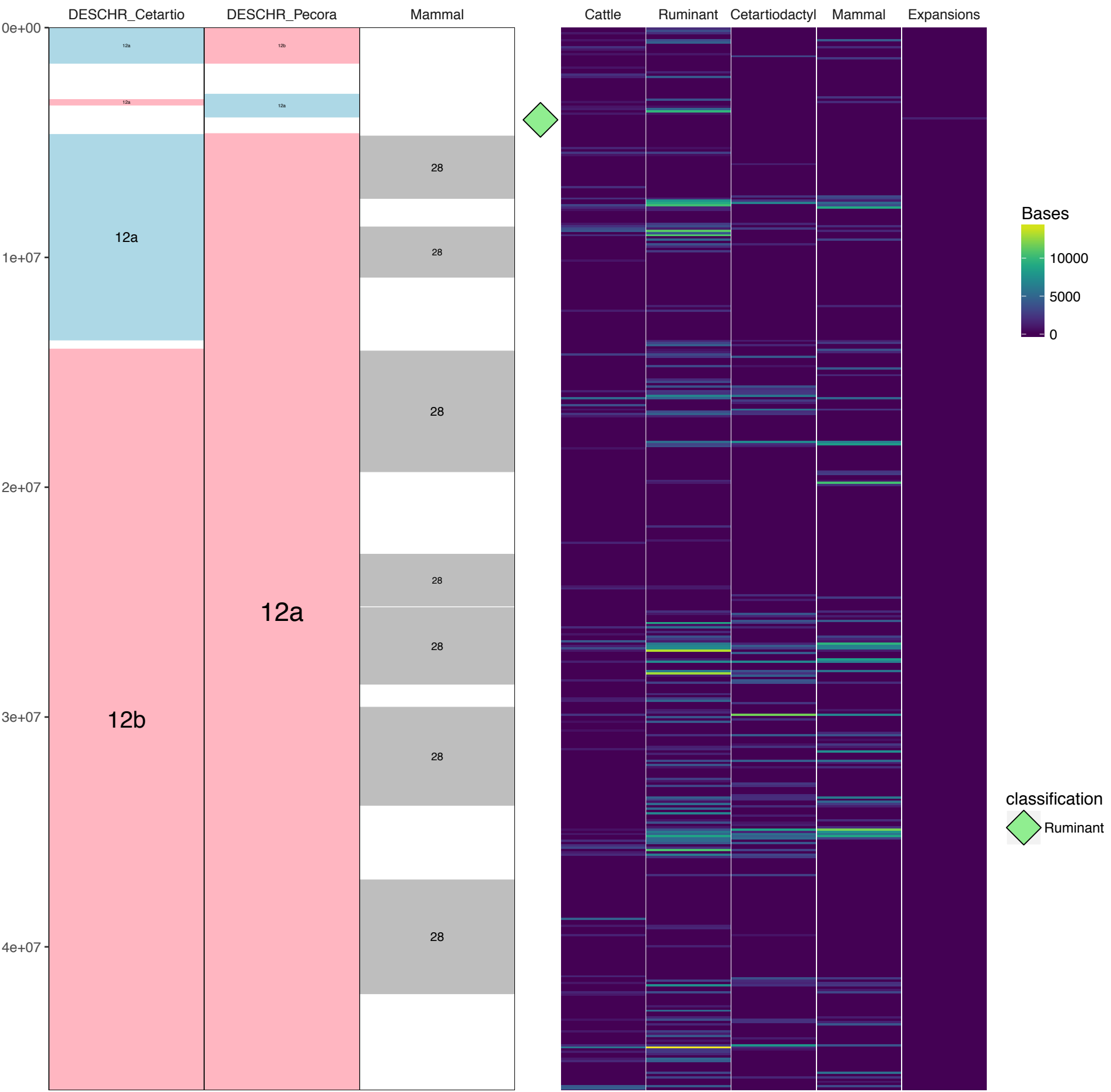
Cattle chr26



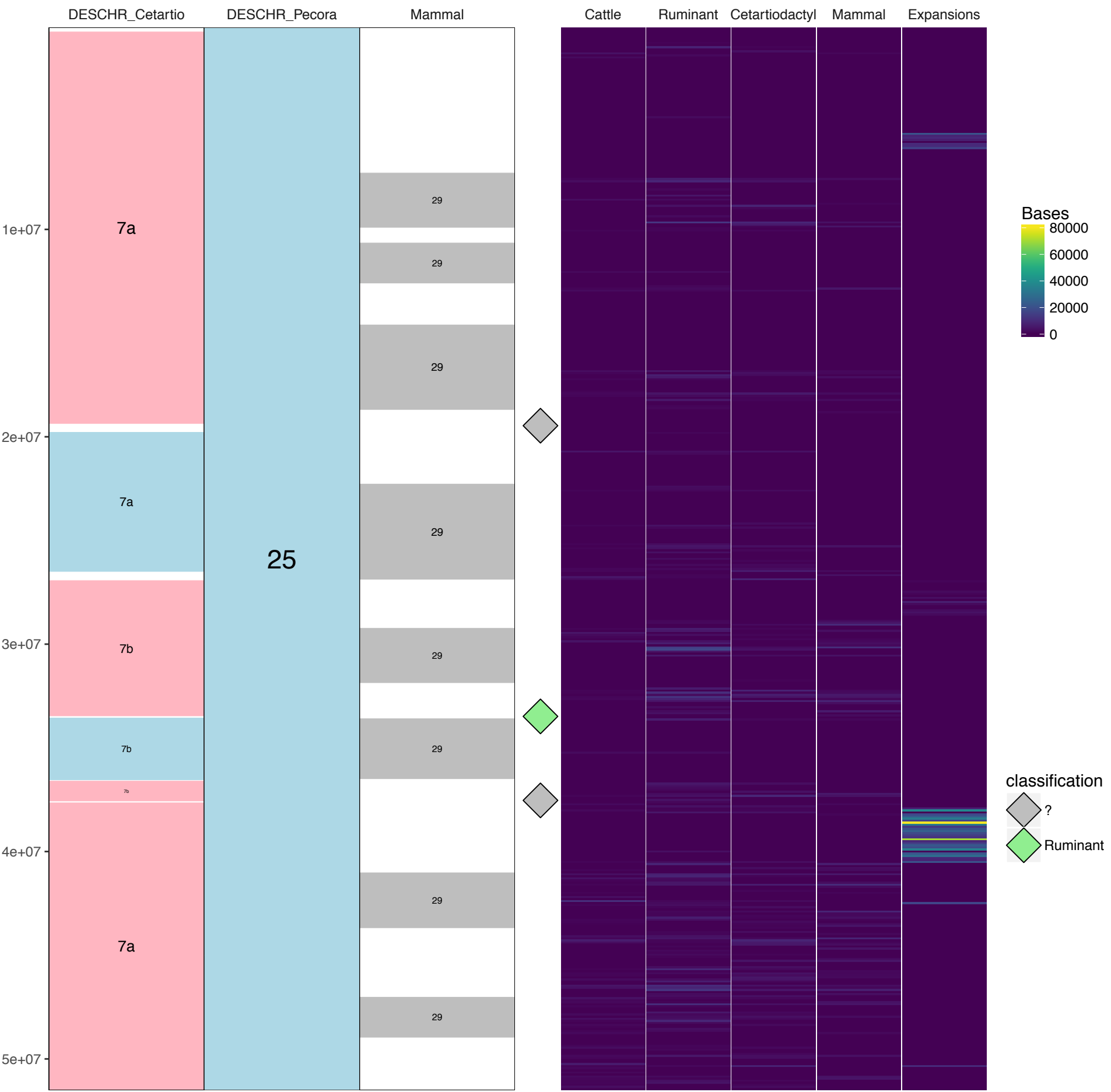
Cattle chr27



Cattle chr28



Cattle chr29



Cattle chrX

