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Assignment 7

The dormant diapause stages in the soil, waiting for the inundation of the habitat which triggers hatching and commencement of a new life cycle. In the picture we can see that there is not much gene expression during this stage because it is not active yet or has hatched

We can see more gene expression and development during the larvae stages but in the the peaks are still similar maybe hinting this particular species (Rio pearlfish) under when the diapause stage and is in the hatching larvae stage.

In the picture of my screenshot RNAseq is colored orange, ATACseq is colored green, and the annotation is colored red.

The gene is LOC119414798.

The scale bar is at 17pb and the distance is about from 15,050 – 15,064kb