

SUPPLEMENTARY MATERIAL

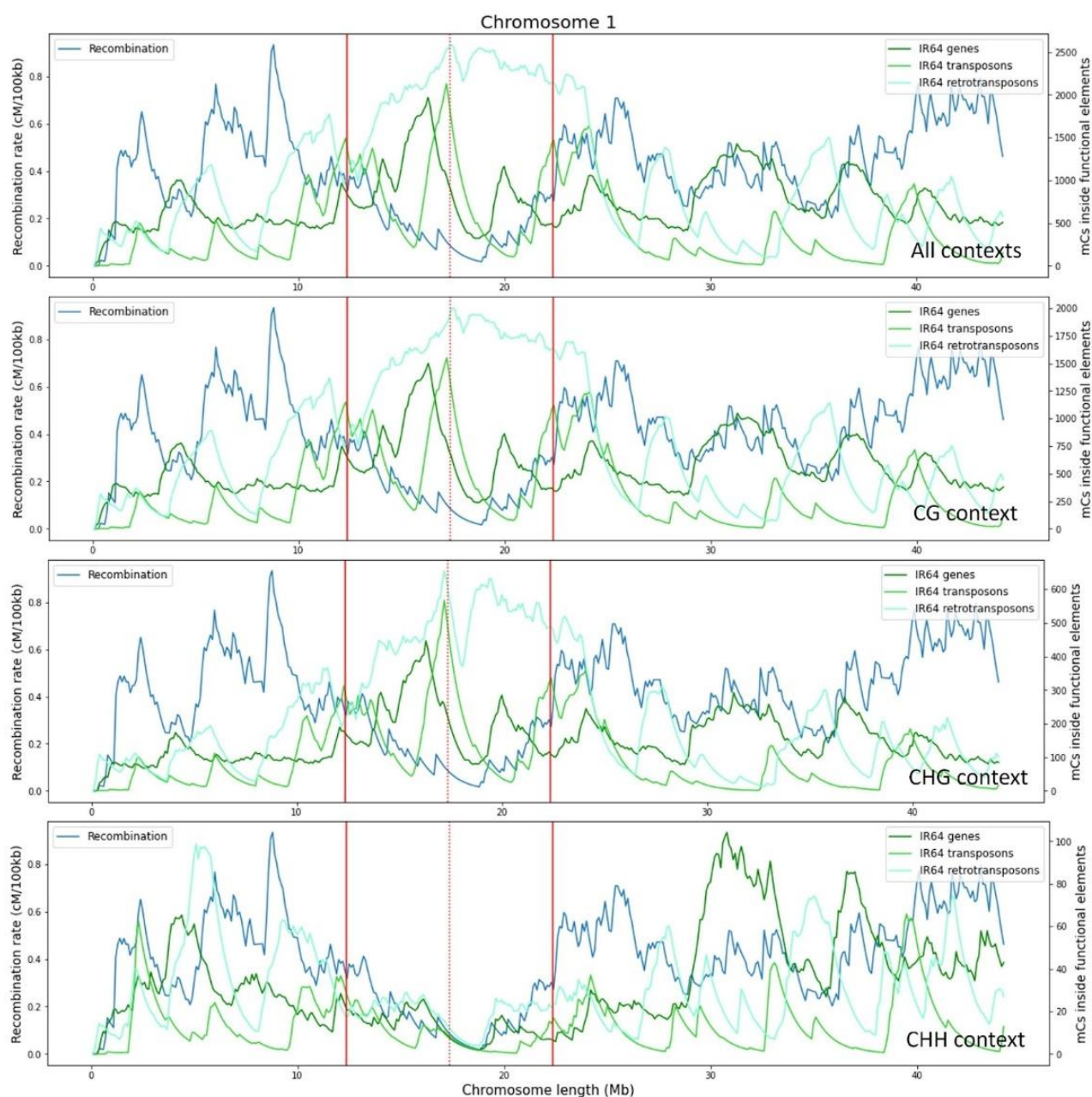


Figure S1. Recombination and methylated cytosines inside genes, transposons, and retrotransposons through chromosome 1 for the rice variety IR64. The centromere is represented by a red dotted line and the influence of the centromere region in recombination by red solid lines.

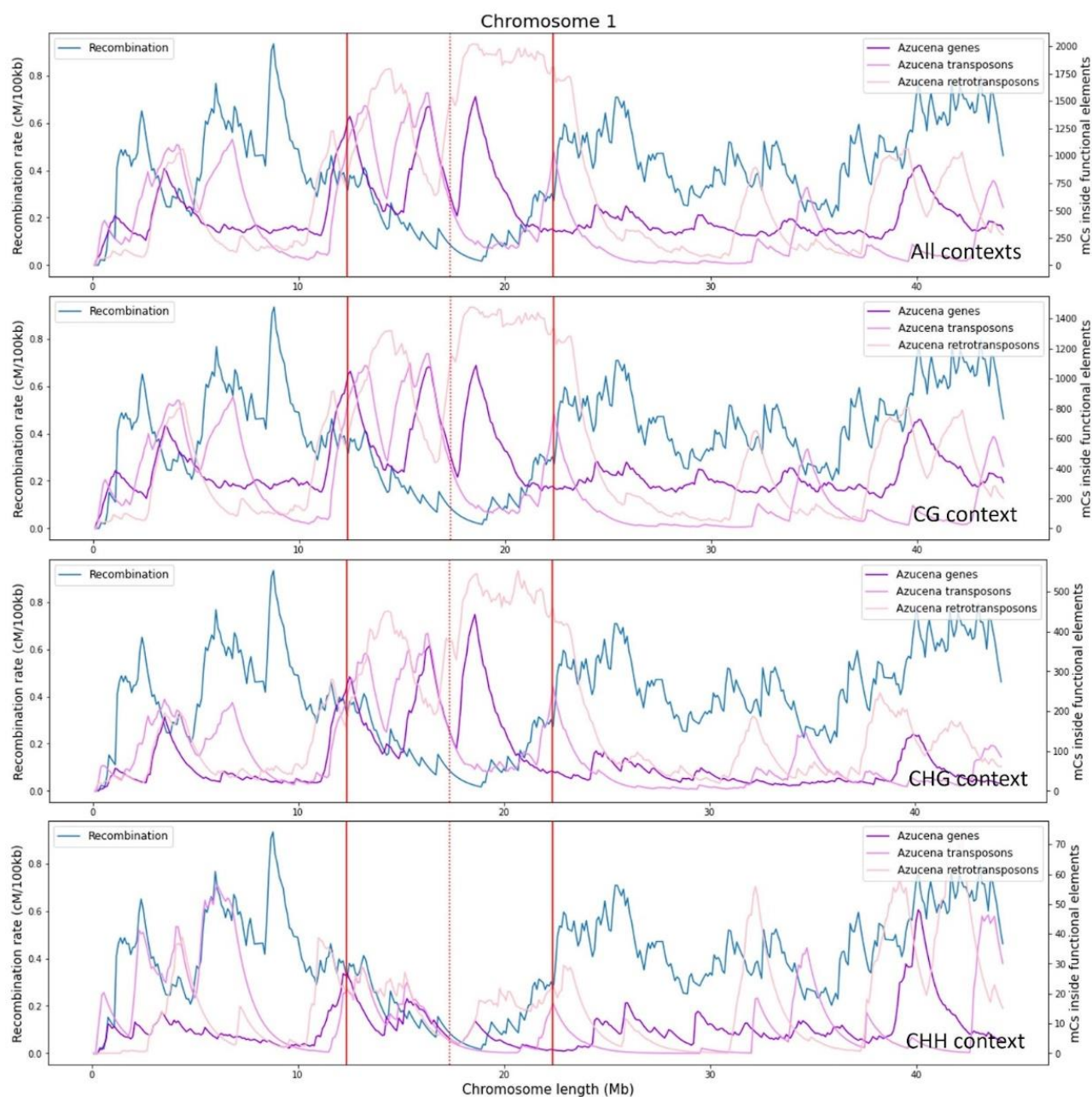


Figure S2. Recombination and methylated cytosines inside genes, transposons, and retrotransposons through chromosome 1 for the rice variety Azucena. The centromere is represented by a red dotted line and the influence of the centromere region in recombination by red solid lines.

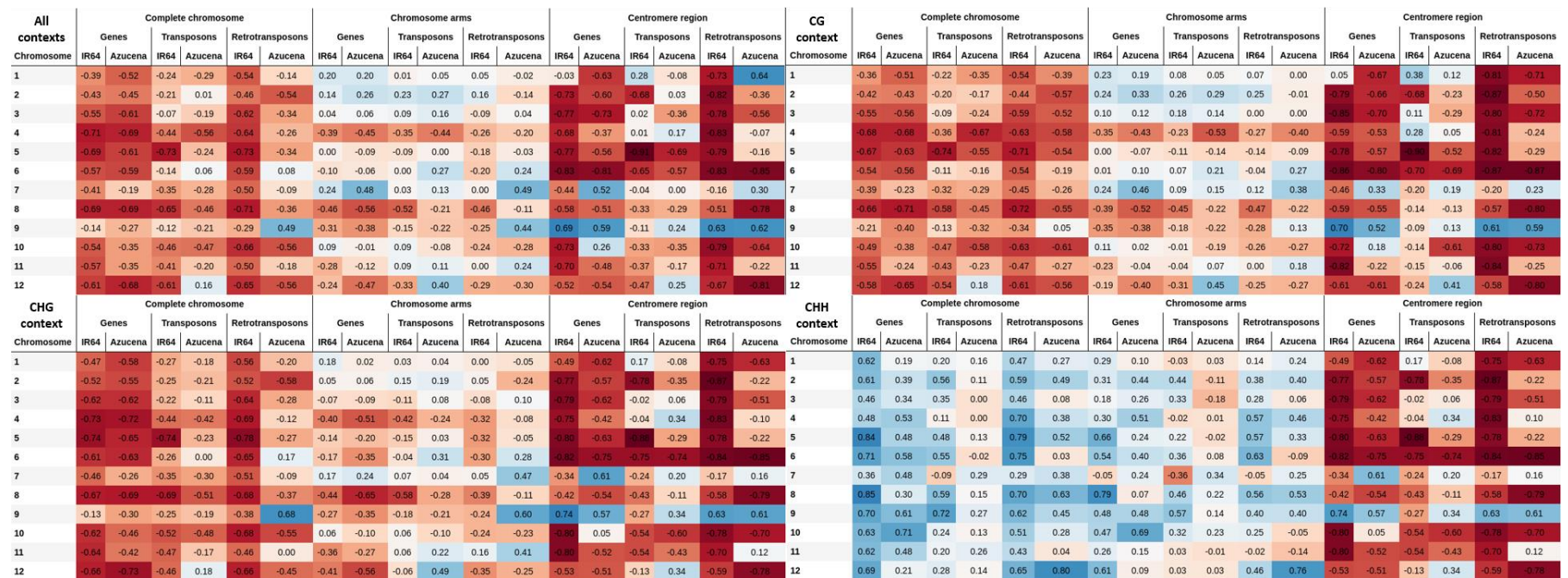


Figure S3. Correlations between recombination rates and the count of methylated cytosines in genes, transposons and retrotransposons rates for rice varieties IR64 and Azucena for each methylation context. Blue and red colors correspond to positive and negative correlations, respectively. The higher the correlation value, the higher the color intensity.