A) Bar graph showing the percentage of sex-biased genes on different chromosomes. The X chromosome has a significantly higher percentage of male-biased genes compared to female-biased genes (p < 0.0001). The 2L and 2R chromosomes have a similar distribution of male- and female-biased genes, while 3L and 3R chromosomes have a slight bias towards female-biased genes.

B) Density plot showing the distribution of log (FPKM) values for male- and female-biased genes on the X chromosome. The X chromosome has a higher density of male-biased genes compared to female-biased genes (p = 0.02).