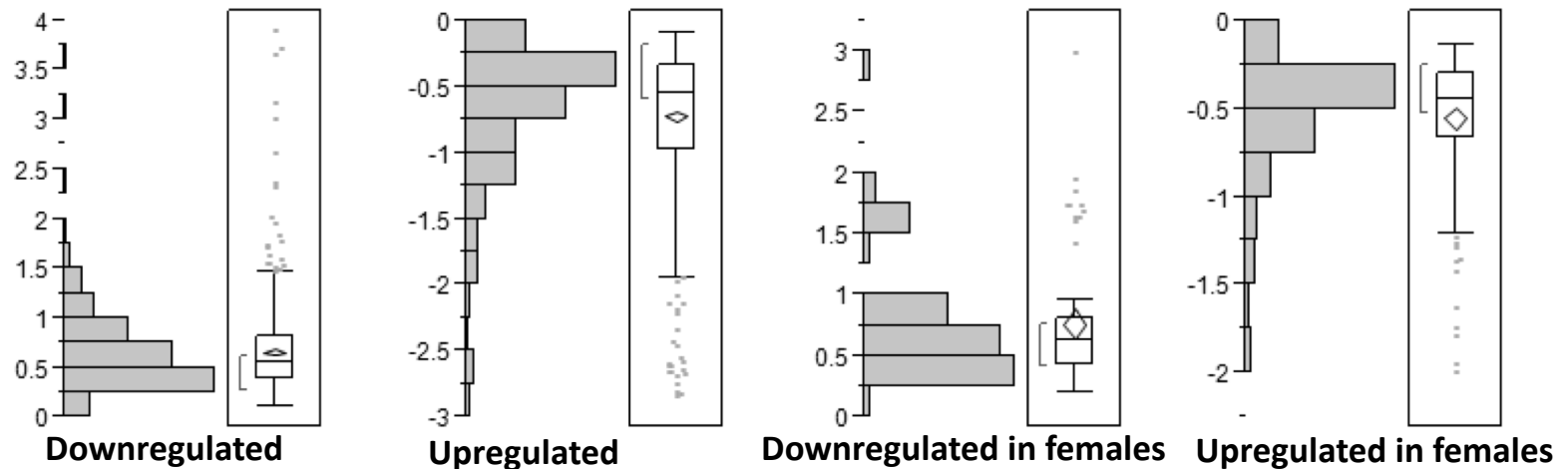


**Figure S3: Distribution of exon-level estimates of expression differences within males and females.** For each category in Figure 2 (see legend) the distribution of the estimate of the expression difference (as the difference in  $\ln$ -RPKM) is shown as a vertical histogram. Positive values result from lower expression with reduced insulin signaling, relative to control (downregulation in  $\ln R^{\text{DN}}$ ) and negative values result from increased expression with reduced insulin signaling, relative to control (upregulation in  $\ln R^{\text{DN}}$ ). Outlier box plots show the median (vertical line), interquartile range (within the box), and the mean and upper and lower 95% confidence intervals (diamond). The densest region of the data is indicated by the bracket on the left side of the box. **A.** Expression differences within females and **B.** Expression differences within males.

### A. Within Females



### B. Within Males

