



FigureS2: Expression differences between sexes. Distribution of expression statistics for genes with male-biased (MB), female-biased (FB), and unbiased (UB) expression in brain (grey), tail (yellow) and gonads (blue). (A) Boxplots show distribution of  $\log_2FC$  (Fold change: Male/Female). The lower median of each pair was used as cut-off for significant fold-change for that comparison (brain = 0.6; tail = 0.8; gonad = 1.8); (B) Boxplots show distribution of  $\log_2CPM$  (Counts per million) for sex-biased genes in each tissue pair. (C) Boxplots show distribution of coefficient of variation (CV) for all sex-biased genes (FDR < 0.1) with greater than 1.2-fold change in expression and all unbiased genes (FDR > 0.1). (D) Boxplots show distribution of coefficient of variation (CV) for sex-biased genes (FDR < 0.1) with greater than median-fold change in expression and all unbiased genes (FDR > 0.1). Outliers in Figure C and D are shown with black points.