**Text S1**

**Validation of tsetse RNA-seq results with qPCR**. The RNA-seq expression values (log2 ratios) for 12 genes plotted against qPCR values (log2 ratios). The Pearson correlation coefficient (R=0.773) and goodness of fit (R2= 0.594) were high indicating correlation. This indicates the qPCR validates the tsetse RNA-seq data. \* indicates data that were obtained from other publications in literature [31].

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