Supplementary Material

Transcriptomic Analysis of Zebrafish TDP-43 Transgenic Lines

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# Supplementary Figures and Tables

## Supplementary Figure S1



**Figure S1.** Western blot showing the expression of the human transgenes at 2 days post fertilization without (-) or with (+) a one hour heat shock at 38.5°C. The conditions shown are wild-type embryos, embryos from one independent TDP-43G348C line (A-TDP-43G348C), a second independent TDP-43G348C line (B-TDP-43G348C) and from the TDP-43WT line.

## Supplementary Table S1

**Table S1**. Differentially expressed genes upon expression of human mutant TDP-43**.** We found 159 differentially expressed genes in embryos expressing human mutant TDP-43 compared to heat-shock wild-type embryos by filtering with a *p*-value < 0.05. 67 genes are up-regulated (green cells) and 92 genes are down-regulated (red cells). The log2 fold change (log2FC), the p value and the base mean values from the DESeq analysis have been provided for each gene. Genes highlighted in blue are the ones with homologs that are also misregulated in the study from White and colleagues (White et al., 2018).