



Supplementary Figure S2. Q-PCR analysis of *tfam* expression. Q-PCR analysis of expression of *tfam* exon 2,5 and 6-7 at day 4 in zebrafish injected with 2 ng *tfam* splice-MO compared to the Ctrl-MO (n= 6 per injected condition from gene expression analysis samples). Analysis of *tfam* exon 5 and exon 6-7 showed respectively 41% and 40% expression in *tfam* splice-MO injected embryos at day 4. This indicates that ~60% of *tfam* RNA is subjected to nonsense-mediated decay and that only half of the residual 40% *tfam* RNA is exon 2 containing wild-type RNA. Bars indicate mean values with SEM. P-values are calculated using ANOVA, * p-value < 0.05.