SUPPLEMENTARY INFORMATION

Dioxin Exposure Alters Molecular and Morphological Responses to Thyroid Hormone in *Xenopus laevis* Cultured Cells and Prometamorphic Tadpoles

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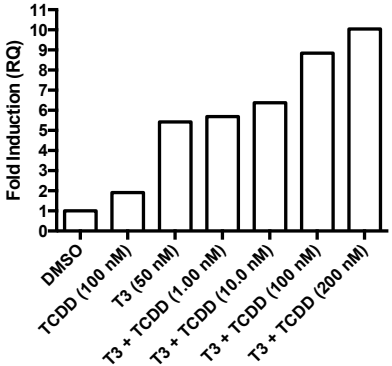
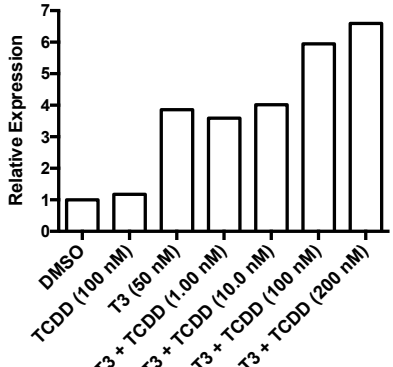
Figure S1. TR and AHR target mRNAs by T3 and graded concentrations of TCDD. (A) *klf9*, (B) *trβa*, (C) *trβb*, (D): *cyp1a6*, (E): *udpgt-1a*. XLK-WG cells were exposed to the indicated combinations of T3, TCDD, and/or DMSO vehicle (0.25%) for 24 h as indicated. mRNA abundance was measured by qPCR with β-actin as endogenous control and relative expression calculated by the ΔΔCt method. Bars represent the mean relative expression value from three technical replicates on a single plate. The experiment was repeated 2-3 times; a representative figure is depicted

Figure S2. TR and AHR target mRNAs by T3 and graded concentrations of FICZ. (A) *klf9*, (B) *trβa*, (C) *trβb*, (D): *cyp1a6*, (E): *udpgt-1a*. XLK-WG cells were exposed to the indicated combinations of T3, FICZ, and/or DMSO vehicle (0.25%) for 3 h as indicated. mRNA abundance was measured by qPCR with β-actin as endogenous control and relative expression calculated by the ΔΔCt method. Bars represent the mean relative expression value from three technical replicates on a single plate. He experiment was repeated twice; a representative figure is depicted.

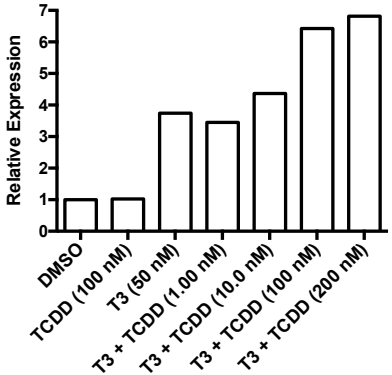
A: *klf9*



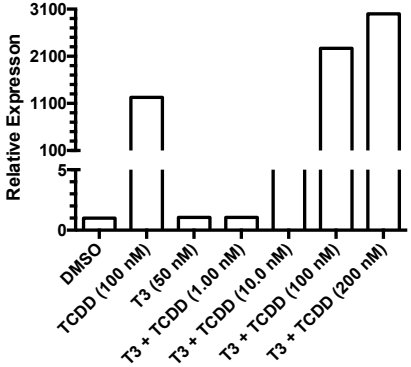
B: *trβa*



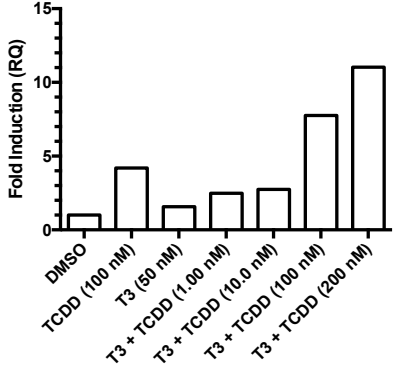
C: *trβb*



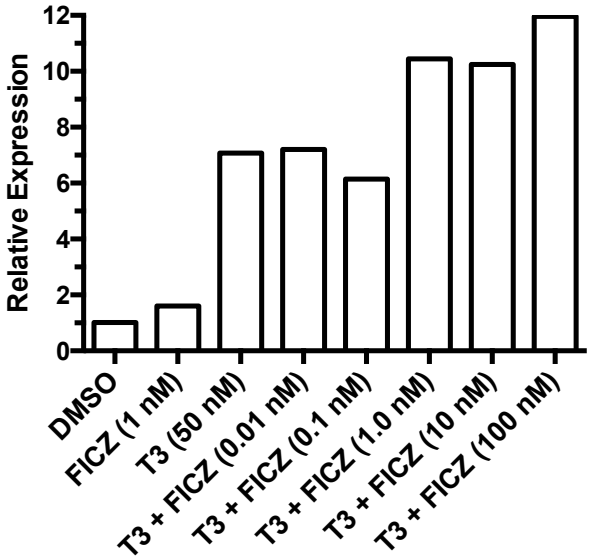
D: *cyp1a6*



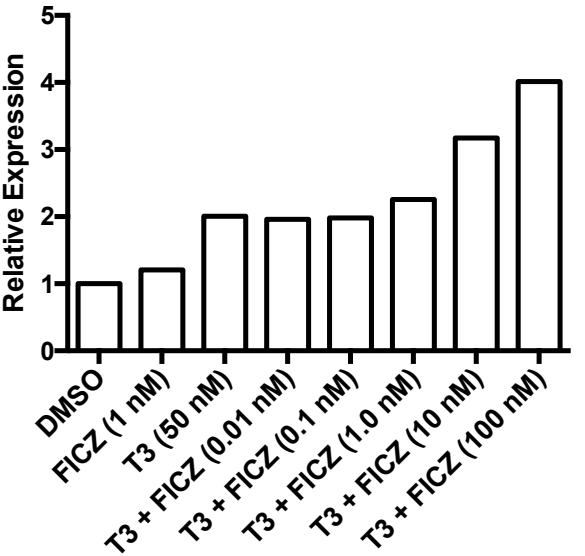
E: *ugt1a*



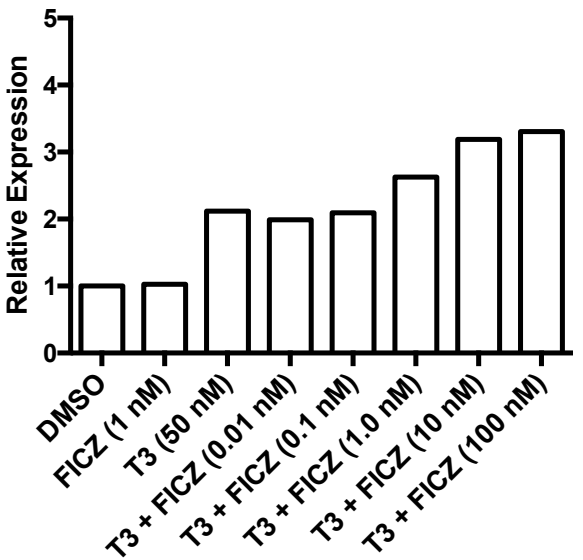
A: *klf9*



B: *trβa*



C: *trβb*



D: *cyp1a6*