Supplementary materials

Supplementary materials for "*Effects of environmental enrichment on exposure to human-relevant mixtures of endocrine disrupting chemicals in zebrafish*". Authors: Lina Birgersson, Sanne Odenlund and Joachim Sturve

Supplementary Table S1. Composition and concentration of EDC mixtures associated with low birth weight within the EDC-MixRisk project.

Mixture component (parent compound)	Name	MIX G0	MIX G1
MEP (DEP)	Mono-ethyl phthalate	2.34E-08	3.204E-08
MBP (DBP)	Mono-butyl phthalate	2.00E-08	2.855E-08
MBzP (BBzP)	Mono-benzyl phthalate	9.1E-09	5.68E-09
MINP (DINP)	Mono-isononyl phthalate	1.79E-08	-
MEHP (DEHP)	Mono-ethyl hexyl phthalate	1.24E-08	2.051E-08
DPP	Dipentyl phthalate	-	4.9E-10
TCS	Triclosan	2.6E-09	3,00E-10
PFOS	Perfluorooctane sulfonate	8.9E-09	1.048E-08
PFOA	Perfluorooctanoic acid	2.9E-09	3.89E-09
PFHxS	Perfluorohexane sulfonate	2.8E-09	3.28E-09
3-PBA	3-Phenoxybenzoic acid	-	1.1E-10
p,p'DDE	p,p'-dichlorodiphenyldichloroethylene	-	5.9E-10
HCB	Hexachlorobenzene	-	1.6E-10
MINCH (DINCH)	1,2-Cyclohexane dicarboxylic acid diisononyl ester	-	5.2E-10
2-OH-PH	2-hydroxyphenanthrene	-	1.36E-09

Supplementary Table S2. List of genes tested and primers used for RT-qPCR

Gene	Forward primer (5'-3')	Reverse primer (5'-3')	Gene Accession
dio1	GTTCAAACAGCTTGTCAAGGACT	AGCAAGCCTCTCCTCCAAGTT	NM_001324404.1
dio2	GCATAGGCAGTCGCTCATTT	TGTGGTCTCTCATCCAACCA	NM_212789.4
dio3	GCGCGTACGGAGCTTACTTC	AGCTCGGAGATGCGGAATCC	NM_001256003.1
thra	CTATGAACAGCACATCCGACAAGAG	CACACCACACACGGCTCATC	NM_131396.1
thrb	TGGGAGATGATACGGGTTGT	ATAGGTGCCGATCCAATGTC	NM_131340.1
actβ	GCAGAAGGAGATCACATCCCTGGC	CATTGCCGTCACCTTCACCGTTC	NM_181601.4
gapdh	TGACCTGATGGCACACATGG	GATGGGAGAATGGTCGCGTA	NM_001115114.1
rplp0	CATCTCGCCCTTCTCCTACG	AGGAATCTCTTGTGCAGGGC	NM_131580.2