

Cardiovascular effects of PCB 126 (3,3',4,4',5-Pentachlorobiphenyl) in zebrafish embryos and impact of co-exposure to redox modulating chemicals

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Supplementary material

Table S1. Target genes and specific primers used in this study.

Gene name	Common name	Accession number	Primer sequence (Forward and reverse 5'-3')	Reference
GAPDH	<i>Glyceraldehyde-3-phosphate dehydrogenase</i>	NM_001115114	AGGCAGAAGGCGGCAAAC AAGACACCAGTAGACTCCACAAC	[1]
HSP70	<i>Heat shock cognate 70-kd</i>	NM_131397	GGTTCGATGACCCTGTAGTG GGACCATGGAGGAAATCTCT	This study
GPX1A	<i>Glutathione peroxidase 1a</i>	NM_001007281	ACCTGTCCGCGAAACTATTG TGACTGTTGTGCCTCAAAGC	This study
CAT	<i>Catalase</i>	NM_130912	GCTCCACCACGTGAATAAAC GGAGCTCAACTCTTCATCCA	This study
SOD1	<i>Superoxide dismutase 1, soluble</i>	Y12236	TGTCAGCGGGCTAGTGCTT GTCGTCTGGCTTGTGGAGTG	[2]
SOD2	<i>Superoxide dismutase 2, mitochondrial</i>	NM_199976	AGCCAAAGTCACGCTTTATG GGTGATGTGACAACCCAAGT	This study
CYP1A	<i>Cytocrome P450, family 1, subfamily A</i>	AF210727	CGACTGCAAAGAGAATTGGA CTTTGGATGTGCAGTGAGGA	[3]
GSTP1	<i>Glutathione S-transferase pi 1</i>	NM_131734.3	TCATTGACGTGATGAACGAC ATCTGATCACCAACCAGGAA	This study

[1] Klüver, N.; Yang, L.; Busch, W.; Scheffler, K.; Renner, P.; Strähle, U.; Scholz, S. Transcriptional Response of Zebrafish Embryos Exposed to Neurotoxic Compounds Reveals a Muscle Activity Dependent hspb11 Expression *PLoS One* **2011**, *6*, e29063.

[2] Banni, M.; Chouchene, L.; Said, K.; Kerkeni, A.; Messaoudi, I. Mechanisms underlying the protective effect of zinc and selenium against cadmium-induced oxidative stress in zebrafish *Danio rerio*. *BioMetals* **2011**, *24*, 981–992.

[3] Grimes, A. C.; Erwin, K. N.; Stadt, H. A.; Hunter, G.L.; Gefroh, H. A.; Tsai, H. J.; Kirby, M. L. PCB126 exposure disrupts zebrafish ventricular and branchial but not early neural crest development. *Toxicol Sci* **2008**, *106*, 193–205.