

Ipconazole Disrupts Mitochondrial Homeostasis and Alters GABAergic Neuronal Development in Zebrafish

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Table S1. RT-PCR primers

Types	Official Gene name	Forward primer	Reverse primer	Zebrafish mRNA ID
Control	β -actin	GTGATGGTTGGCATG GGACAG	CCAGTTGGTCACAA TACCGTGC	NM_131031.2
Mitochondria genome maintenance	tk2	CCTGTATGAGGACTG GCTGA	TCTGTTCTCCTCAAA CTGATGC	XM_017356845.2
	polg	GGTGACCAGTGAAGA CCGATA	GTCCACTGCGCTAA AGAAGG	XM_001921095.6
	twnk	TGTGGGCTGACAAGTT TGAGG	TGTCCACAGACAGA TTTCTTG	NM_001277598.2
	polrmt	ACCCGCTGCCGCCTTA TTTT	TCCAGCGAGCTCTG CTTCTTC	XM_005170522.3
	tfam	GCGAAAGATTGCCCA GCAGT	TTGTCGTTTTTCCTCC GCAA	NM_001077389.1
Mitochondria fusion & fission	mfn2	GGCAGGACCAGTAAC GGAAA	TTTCGTCCGACCCTT CAGTG	XM_005172484.4
	dnm1l	CGCAGAGTAGCGGGA AGAG	CATCCACTCCGTTCT CCTCG	XM_005163049.2
Mitochondria respiratory complexes I-V	ndufs4	TGTAGGCTGGCAGAG GGACA	GACAGGCCGAAACA GGATGG	NM_001020676.1
	sdha	TGGTATGCCGTTTCAGC CGTA	GGCCAAGTCTTTGG CATTGG	NM_200910.1
	uqcrc2b	GACCTCACGGGAAGG GTGAA	TCAGTGTGCTGGTGC TGCTG	NM_001001589.1

	cox5ab	GGTCACCGGAGCTTC AGGAT	TCGAGCCGAGAGGT AGAAAAACC	NM_001305577.1
	atp5fa1	TTCTTGAGCCGACAC TGGA	CGAACACCACAACA CCAACG	NM_001077355.1
Oxidative stress	gpx1a	AGATGTCATTCTGCA CACG	AAGGAGAAGCTTCC TCAGCC	NM_001007281.2
	sod1	GGGCAACCGATAGT GTGAG	ACCCTTCCCCAAGTC ATCCT	NM_131294.1
	sod2	CCGGACTATGTAAA GCCATCT	ACACTCGGTTGCTCT CTTTCTCT	NM_199976.1
	nrf2a	ATGTCTAAATGCAG CCAAGCC	CGGTAGCTGAAGTC GAACAC	XM_005172511.4
Apoptotic marker	bcl2a	AGGAAAATGGAGGTT GGGATG	TGTTAGGTATGAAA ACGGGTGGA	NM_001030253.2
	baxa	GGCTATTTCAACCAG GGTTCC	TGCGAATCACCAAT GCTGT	NM_131562.2
	casp9	AAATACAGAGCAAGG CAACC	CACAGGGAATCAAG AAAGG	NM_001007404.2
	apaf1	TTCTACAGTAAACGC CCACC	TATCTAGTATTTCCC CATATTCC	XM_021475139.1
	casp3a	CCGCTGCCCATCACTA	ATCCTTTCACGACCA TCT	NM_131877.3
	casp8	GGAATGATCTGGAAG CCTGGG	TCCGGCAAAAGGCA GTGTAA	NM_131510.2
Necroptotic marker	ripk1	TCCTGGACCAAACCA TCAGC	ACTGACTCCTCAATT CGGGC	NM_001043350.1
	ripk3	AGCAAAGCCTTCGAC GTGTA	CATCCAGTCCTTCGG TCTCG	XM_001343791.5
Heat shock protein marker	hsp70	GCACAAGAAGGACAT CAGTCAGA	CGATGCCCTCGTAC AGAGAGT	NM_001362359.1
Neurotransmitter marker	slc17a6b	GAAGTGACCGAGGAT GGACG	TTGCTTTTATGGCCA CGCCT	NM_001005398.1
	gad1b	G TTCAGCCATCCTGGT CAGA	CCTTGTCTCCGGTGT CGTAG	XM_009302104.3
	th	GACGGAAGATGATCG GAGACA	CCGCCATGTTCCGAT TTCT	NM_131149.1
oligodendrocytes/ myelin marker	olig1	CGGACTGAAAGTTTG AAGAATGC	TCCTGTTACCCGTAC CATTCTTG	XM_005167653.4
	olig2	ATCCGTCCAGTTGTGG CACT	TGGTGGAAGCAGAG GATGGT	NM_178100.1
	mbp	CCGTCGTGGAGACGT CAA	CGAGGAGAGGACAC AAAGCT	XM_021468312.1