

## Electronic Supplementary Material

### Table S1 Experimental Conditions

Details of experimental set up conditions and fish husbandry regime

Parameter	Experimental Conditions
Water Temperature	28 ± 1°C
Dissolved Oxygen	≥ 60 % saturation
pH	6.5 – 8.5
Photoperiod	12h:12h light:dark 07:00 – 19:00 with an artificial dawn/dusk transition of 20 minutes
Feeding Regime	2x/day <ul style="list-style-type: none"> <li>• freshly hatched <i>Artemia nauplii</i> (4 % body weight per day; ZM Premium Grade <i>Artemia</i>, ZM, Hampshire, UK)</li> <li>• pelleted food (300 pellet, Special Diets Service, Witham, UK)</li> </ul>
Aquaria	450 x 350 x 300 mm in dimension 12L working volume and a flow-through of 6 tank volume changes per day. Contained a central spawning site, consisting of a metal tray (150 x 100 x 20 mm) filled with glass marbles and an artificial weed placed in the middle. Opaque dividers were placed between aquaria to prevent visual interactions between neighbouring spawning groups.
Analysis of clotrimazole concentrations (µg/L) (for more information, refer to Brown <i>et al.</i> , 2011)	Chemical analysis was undertaken on Exposure Days -1, 1, 5, 8, 14, 21, 30, 41, 54, 68, 82 and 96, in control and exposure tanks. Control (0 µg L <sup>-1</sup> nominal) <ul style="list-style-type: none"> <li>• Arithmetic mean 2.98 µg L<sup>-1</sup></li> <li>• Geometric mean 2.87 µg L<sup>-1</sup></li> <li>• 95 % CI 0.57</li> <li>• Limit of Detection 0.5 µg L<sup>-1</sup></li> </ul> Clotrimazole (5µg L <sup>-1</sup> nominal) <ul style="list-style-type: none"> <li>• Arithmetic mean 0 µg L<sup>-1</sup></li> <li>• Geometric mean 0 µg L<sup>-1</sup></li> <li>• 95 % CI 0.1</li> <li>• Limit of Detection 0.5 µg L<sup>-1</sup></li> </ul>
Fish Health and General Condition	All fish responded well to feeding and were checked twice daily for any visible signs of ill health or abnormal swimming behaviour. Visual observations to confirm normality and apparent health of internal organs were made during necropsy.

## Table S2 Fish Size

Standard length and wet weight for zebrafish in each treatment group

Experiment I: average size difference between male fish in spawning groups  $0.017 \pm 0.002$ g [mean  $\pm$  standard error]; average size difference between female and male fish in spawning groups  $0.092 \pm 0.010$ g

Experiment II: average size difference between male fish in spawning groups  $0.014 \pm 0.003$ g; average size difference between female and male fish in spawning groups  $0.090 \pm 0.007$ g

Fish Size		Control		Clotrimazole Exposed ( $2.9 \mu\text{g L}^{-1}$ )	
		Outbred	Inbred	Outbred	Inbred
Female	Weight (g)	$0.321 \pm 0.02$	$0.315 \pm 0.03$	$0.315 \pm 0.02$	$0.331 \pm 0.02$
	Standard Length (mm)	$25.98 \pm 8.2$	$26.54 \pm 8.4$	$26.31 \pm 8.3$	$26.31 \pm 8.3$
Male	Weight (g)	$0.252 \pm 0.01$	$0.241 \pm 0.01$	$0.242 \pm 0.01$	$0.247 \pm 0.01$
	Standard Length (mm)	$25.73 \pm 5.8$	$25.72 \pm 5.8$	$25.88 \pm 5.8$	$25.19 \pm 5.6$