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Electronic Supplementary Materials

Table S3. Quantification of behaviours separated by sex within normoxia- and anoxia-treated zebrafish. Data are mean ± s.e.m.

Experiment	Treatment	Normoxia		Anoxia	
		Males	Females	Males	Females
Adult dyadic social interactions	Chases initiated	8.2±4.4	4.7±2.9	51.3±19.0	57.5±5.7
	Bites given	99.0±44.2	92.3±60.6	349.3±108.1	504±126.1
	Freezes entered	43.0±15.7	40.0±12.2	10.2±9.4	6.0±3.6
Adult mirror aggression test	Bites at mirror	168.5±28.0	194.3±70.0	273.5±151.5	306.0±49.3
	Parallel mirror inspections	41.4±7.7	61.2±10.5	33.0±12.4	50.6±7.9
	Time in mirror zone (s)	412.9±157.9	289.9±82.8	370.2±128.5	447.6±75.0
	Time in intermediate zone (s)	515.5±151.9	455.84±123.0	482.1±145.9	546.2±106.8
	Time in back zone (s)	571.7±159.2	754.4±163.6	647.8±182.6	515.6±103.7
	Time spent moving (s)	648.4±164.7	732.5±184.3	619.5±157.3	692.2±128.1
	Time spent not moving (s)	851.6±164.7	767.6±184.3	854.8±383.1	718.7±146.4
Adult light/dark tank test	Zone transitions	23.6±3.7	32.8±8.1	21.7±4.8	16.0±4.7
	Latency to enter light zone (s)	58.1±23.2	83.7±52.7	58.6±29.9	85.9±42.9
	Duration in light zone (%)	10.2±2.5	19.4±8.8	13.2±5.9	8.8±3.2