

Table S1. Sampling information (per replicate, R) and morphometric measurements (mean total length \pm standard deviation of zebrafish juveniles, males and females studied for swimming capacity. TL = total length; T_E = embryonic temperature; n = number of samples.

Juveniles					Females				Males			
R1		R2			R1		R2		R1		R2	
T _E (°C)	n	TL	n	TL	n	TL (mm)	n	TL (mm)	n	TL (mm)	n	TL (mm)
24	13	12.6 \pm 0.9	13	13.1 \pm 0.6	10	28.5 \pm 1.3	5	28.2 \pm 1.1	7	27.8 \pm 0.9	16	27.4 \pm 1.1
28	15	12.4 \pm 0.7	14	13.4 \pm 0.7	12	28.3 \pm 0.9	8	27.0 \pm 1.3	14	28.2 \pm 1.5	13	26.8 \pm 1.3
32	11	12.4 \pm 0.8	10	13.5 \pm 1.0	11	28.7 \pm 1.4	6	27.4 \pm 1.8	8	29.1 \pm 1.5	13	27.2 \pm 1.3

Table S2. Sampling information (per replicate, R) and morphometric measurements (mean total length \pm standard deviation) of zebrafish juveniles, males and females studied for heart morphometry. TL = total length; T_E = embryonic temperature; n = number of samples.

Juveniles					Females				Males			
R1		R2			R1		R2		R1		R2	
T _E (°C)	n	TL	n	TL	n	TL (mm)	n	TL (mm)	n	TL (mm)	n	TL (mm)
24	9	12.7 \pm 0.9	5	12.9 \pm 0.3	4	28.7 \pm 1.8	3	28.4 \pm 1.3	4	27.4 \pm 1.1	2	28.0 \pm 0.8
28	11	12.4 \pm 0.8	5	12.9 \pm 0.9	3	27.9 \pm 1.2	2	27.0 \pm 1.3	3	27.8 \pm 1.7	3	27.0 \pm 1.2
32	10	12.7 \pm 0.9	5	13.1 \pm 1.2	3	28.7 \pm 1.5	3	26.7 \pm 2.2	3	29.8 \pm 1.5	3	26.0 \pm 0.5