

Table S1. Perimeters of the pronephric duct

Ductal region	Outer perimeter (μm)					
	2 dpf			4 dpf		
	Wild type (<i>n</i>)	Mutant (<i>n</i>)	<i>P</i>	Wild type (<i>n</i>)	Mutant (<i>n</i>)	<i>P</i>
Anterior	48.7 \pm 1.7 (5)	49.9 \pm 3.4 (4)	0.52	63.6 \pm 7.1 (8)	94.4 \pm 5.4 (3)	<0.001
Medial	45.9 \pm 3.2 (8)	50.3 \pm 5.8 (7)	0.09	32.3 \pm 2.2 (6)	68.5 \pm 20.8 (7)	<0.01
Posterior	47.6 \pm 5.5 (6)	53.4 \pm 5.0 (9)	0.05	32.7 \pm 2.2 (4)	73.7 \pm 9.8 (10)	<0.0001
Inner perimeter (μm)						
Anterior	8.6 \pm 2.0	15.0 \pm 2.4	<0.01	17.3 \pm 3.5	47.6 \pm 5.0	<0.0001
Medial	11.8 \pm 2.1	21.8 \pm 4.0	<0.0001	9.8 \pm 0.4	29.1 \pm 11.1	<0.01
Posterior	9.9 \pm 1.2	24.1 \pm 5.8	<0.0001	8.0 \pm 2.1	30.6 \pm 9.2	<0.001

n, number of ducts analyzed.