

Table S1. Quantification of cilia position

Method used to determine cilia position		Wild type	<i>Noto</i> ^{GFP/GFP}	<i>Noto</i> ^{Foxj1/Foxj1}	<i>Foxj1</i> ^{-/-}
Electron microscopy	Total number of cilia in <i>n</i> embryos	103 in four embryos	49 in eight embryos	99 in five embryos	100 in five embryos
	Anterior	0 (0.0%)	8 (16.3%)	8 (8.0%)	8 (8.0%)
	Posterior	78 (77.2%)	4 (8.2%)	13 (13.0%)	16 (16.0%)
	Middle	12 (11.9%)	27 (55.1%)	49 (49.0%)	50 (50.0%)
	Left	8 (7.9%)	7 (14.3%)	12 (12.0%)	14 (14.0%)
	Right	3 (3.0%)	3 (6.1%)	18 (18.0%)	11 (11.0%)
Immuno-fluorescence staining	Total number of cilia in <i>n</i> embryos	251 in six embryos	147 in eight embryos	182 in seven embryos	156 in seven embryos
	Anterior	6 (2.4%)	21 (14.3%)	23 (12.6%)	15 (9.6%)
	Posterior	194 (77.3%)	19 (12.9%)	25 (13.7%)	24 (15.4%)
	Middle	25 (10.0%)	74 (50.3%)	94 (51.6%)	86 (55.1%)
	Left	12 (4.8%)	17 (11.6%)	21 (11.5%)	17 (10.9%)
	Right	14 (5.6%)	16 (10.9%)	19 (10.4%)	14 (9.0%)