

Table S1. Cardiac edema in *jagged* 2/3 morphants, with and without co-injection of human *Jagged 1* mRNA

Morphants	Cardiac edema	No cardiac edema
J2+3 (<i>n</i> =144)	127 (88%)	17 (12%)
J2+3 + human J1 mRNA (<i>n</i> =33)	4 (12%)	29 (88%)

Table S2. Phenotypic abnormalities in *jagged*, *notch*, and compound *jagged* and *jagged/notch* morphant larvae

Morphant	Biliary	Cardiac edema	Pancreas	Kidney	CF	Small ears
<i>J1</i>	-	-	-	NA	-	+
<i>J2</i>	+	+*	+*	NA	-	-
<i>J3</i>	-	-	-	NA	+	+
<i>J1+2</i>	+	+	-	NA	-	+
<i>J1+3</i>	-	-	-	NA	+	+
<i>J2+3</i>	+	+	+	+	+	+
<i>N2</i>	-	-	-	NA	-	-
<i>N5</i>	+	+	-	NA	-	-
<i>N2+5</i>	+	+	+	+	-	-
<i>J2+N2</i>	+	+	+	NA	-	-
<i>J2+N5</i>	+	+	+	NA	-	-
<i>J3+N2</i>	-	+	-	NA	+	+
<i>J3+N5</i>	+	+	+	NA	+	+

+, indicated phenotype present in 80-100% of injected 5-dpf larvae.

-, indicated phenotype present in 0-5% of injected 5-dpf larvae.

NA, larvae not analyzed for indicated phenotype.

CF, craniofacial defects.

*Present only in morphants injected with high doses of morpholino.