

Supporting Information

S1 Table. Morpholino oligonucleotides used:

Target Gene	Sequence	Mode of Action
<i>foxc1a</i> -MO2	5'-CCT-GCA-TGA-CTG-CTC-TCC-AAA-ACG-G-3'	Translation blocking
<i>rippy1</i> -MO	5'-CAT-CGT-CAC-TGT-GTT-TTT-CGT-TTT-G-3'	Translation blocking

S2 Table. Primers used for mRNA probe preparation:

Target Gene	Forward primer	Reverse primer	Probe size (bp) [source]
<i>mesp-ba</i>	5'-GCA-AAC-CTC-AAG-CAA-GAA-CC-3'	5'- GAA-ATT-AAT-ACG-ACT-CAC-TAT-AGG-TAC-CGC-TCC-CTG-TAT-TGT-CC-3'	549
<i>foxc1a</i>	5'-GAG-ACA-TTG-GCC-ATC-TAG-GC-3'	5'- GAA-ATT-AAT-ACG-ACT-CAC-TAT-AGG-CTG-ACG-CAT-TTC-AAC-ACA-GC-3'	437
<i>rippy1</i>	5'-CTG-TGT-GCT-TTG-CCA-CTC-C-3'	5'- GAA-ATT-AAT-ACG-ACT-CAC-TAT-AGG-CAT-CAT-CTT-CAT-CAC-AGC-TTT-CC-3'	467
<i>tbx6</i>	5'-CAA-TCA-ATC-CCT-GCT-TGT-C-3'	5'- GAA-ATT-AAT-ACG-ACT-CAC-TAT-AGG-CGA-GGA-TCC-TGG-CAA-AG-3'	1067 [35]
<i>fgf8a</i>	5'-TCT-TCG-TAT-TGC-TGC-TCA-AGG-G-3'	5'- GAA-ATT-AAT-ACG-ACT-CAC-TAT-AGG-TAT-CCT-AAG-GTA-AAT-TTA-TTA-C-3'	453