

Supplementary Table S1 Primer details of the genes analyzed in this study

PARN genotyping primers		
Target gene	Primer sequence	Amplicon size
PARN Geno	F-5'-GTTTCTCCTCAGGCTCTTCCT-3'	410 bp
	R-5'- CTGAACAGCTGGTACAGGTCA-3'	
Germ cell-specific genes		
<i>dyrk1a</i>	F-5' CCACCCAGGTAAGTCTGCTGAT-3' R-5' GTTGGTGACGACGCTTCTTT-3'	162 bp
<i>nanos1</i>	F-5' GACCAAGAACAGCAAGCACA-3' R-5' AATCCAGGTGTCCTCCGCT-3'	137 bp
<i>dnd1</i>	F-5' CTCGTGGAAGCTTTTCGGAA-3' R-5' GCTTCAGAACAAAGTGGGGTT-3'	162 bp
Ovary-associated genes		
<i>foxl2</i>	F-5' GTGCTTCATCAAGGTGCCTC-3' R-5' TACCCTTCACCGCCAAAGAG -3'	186 bp
<i>fncl</i>	F-5' ACCTCTCAGAGCACCTTGG -3' R-5' GGTGGAGTCTGCTTTTGTGG -3'	143 bp
<i>nanos2</i>	F-5' GCGGAGGGTTTCATCAGGA -3' R-5' AGAAGCCACAGGAGTCACG -3'	109 bp
<i>cyp19a1a</i>	F-5' TCATCTTGAGCAGGTCTGCA-3' R-5' CTTCCAGAGAGCCACATTTGAG-3'	143 bp
<i>piwil1</i>	F-5' AGGTGTTTCTGGGACTGCC-3' R-5' CTGGAAAAGCAAAGCCGAAC-3'	142 bp
Testis-associated genes		
<i>sox9a</i>	F-5' AGCGAACACTCAGGCCAGT-3' R-5' GATAACATCGCTGCTCAGCTC-3'	178 bp
<i>dmrt1</i>	F-5' TCCAACCAACCTAGGCAGTG-3' R-5' GAGTATGGAGTGGGCTGGTAAA-3'	132 bp
Other genes important in the development of both male and female zebrafish		
<i>brca2</i>	F-5' AGATGCTGCTGTTGAGACCC-3' R-5' GTGACATCTCGATTGGGACA -3'	165 bp
<i>cyp17a1</i>	F-5' CGTCCACAATCCACAGGTTC-3' R-5' ATGAGGAGCGGAGAAACAGG -3'	159 bp
<i>cyp11c1</i>	F-5' GTGCAGAGTCATCAGGAGGA -3' R-5' ATGCACGCACACAGATG -3'	146 bp

Abbreviations: bp, base pair; PARN, poly(A)-specific ribonuclease.