

Supplementary Table 1 – PCR Primers for *See-Thru-Gonad* mutation genotyping.

Gene	Phenotype	Target	Primer Sequence
<i>vasa:vasa-eGFP</i> ^[1]	Germline enhanced green fluorescent protein	gDNA/ cDNA	Fwd: ACCACATGAAGCAGCAGCACT Rev: CTTCTCGTTGGGGTCTTTGC
<i>microphthalmia-associated transcription factor a (mitfa)</i>	Nacre (-/-)	gDNA/ cDNA	Fwd: AAGTTTGGGAATCAAGCTACAG Rev: CTCTTTTGCCAGGGCTCTGAC
<i>mitochondrial inner membrane protein 17 (mpv17)</i>	Transparent (-/-)	gDNA	Fwd: CCGTTTGTTCATAATGTGGCATC Rev: GCGTCTGAGATAGAGTTGACCTGA
		cDNA	Fwd: ATGGCGGGTCTTTGGAGATC Rev: GTCCCTCTGAAGTTTGGCAAC

[1] Krøvel and Olsen (2002)