

Table S1. List of amplified loci, corresponding primer names and sequences, and full PCR conditions applied in this study.

Locus	Primer name	Primer sequence 5'-3'	PCR mixture	Thermal cycler conditions
<i>gapdh</i>	GDF1	CCCGTCAACGACCCCTTCATTGA	Reaction volume: 25µL Taq: 1 U PCR buffer: 1× MgCl ₂ : 1 - 2.5 mM dNTPs: 0.2 mM each Primers: 0.2 µM each Genomic DNA: 20 - 50 ng	Initial denaturation at 94 °C for 3 min, followed by 35 cycles of 94 °C for 30 s, 55 °C for 30 s, and 72 °C for 45 s, with a final extension at 72 °C for 5 min
	GDR1	GGGTGGAGTCGTACTTGAGCATGT		
<i>chs-1</i>	CHS-79F	TGGGGCAAGGATGCCTGGAAGAAG		Initial denaturation at 94 °C for 5 min, followed by 40 cycles of 94 °C for 30 s, 52 °C for 30 s, and 72 °C for 30 s, with a final extension at 72 °C for 7 min
	CHS-354R	TGGAAGAACCATCTGTGGGAGTTG		
<i>act</i>	ACT-512F	ATGTGCAAGGCCGGTTTCGC		Initial denaturation at 95 °C for 4 min, followed by 40 cycles of 95 °C for 30 s, 58 °C for 30 s, and 72 °C for 45 s, with a final extension at 72 °C for 7 min
	ACT-783R	TAGGAGTCCTTCTGACCCAT		
<i>tub2</i>	T1	AACATGCGTGAGATTGTAAGT		Initial denaturation at 95 °C for 5 min, followed by 40 cycles of 95 °C for 30 s, 55 °C for 30 s, and 72 °C for 45 s, with a final extension at 72 °C for 7 min
	Bt2-b	ACCCTCAGTGTAGTGACCCTTGGC		
<i>cal</i>	CL1C	GAATTCAAGGAGGCCTTCTC		Initial denaturation at 95 °C for 3 min, followed by 35 cycles of 95 °C for 30 s, 59 °C for 30 s, and 72 °C for 45 s, with a final extension at 72 °C for 7 min
	CL2C	CTTCTGCATCATGAGGTGGAC		
<i>gs</i>	GSF1	ATGGCCGATACATCTGG		Initial denaturation at 94 °C for 4 min, followed by 35 cycles of 94 °C for 45 s, 60 °C for 45 s, and 72 °C for 1 min, with a final extension at 72 °C for 10 min
	GSR1	GAACCGTCGAAGTTCCAC		
ApMat	AMF1	TCATTCTACGTATGTGCCCCG		Initial denaturation at 94 °C for 3 min, followed by 30 cycles of 94 °C for 45 s, 62 °C for 45 s, and 72 °C for 1 min, with a final extension at 72 °C for 7 min
	AMR1	CCAGAAATACACCGAACTTGC		