

Supplementary Table S1. Primer sequences used in this study

Purpose	Name of primer	Primer sequences (5' → 3')
IbISA1 specific 5'RACE (degenerate primer)	Ibsu15Ra	GGGCTTCCACAAAGGCATTCAGCAA
	Ibsu15Rb	AAACCCTCCCTCCTGGCCACAATTCC
IbISA1 specific 3'RACE	Ibsu13Fa	TGCATGTTGATGGCTTCCGCTTTGA
	Ibsu13Fan1	TGCTTCCATCCTGACGAGAGTAGCAGGTG
IbISA2 specific 5'RACE	Ibisa25Ra	AGGAGGCCACATAAGTGCCAGGTGA
	Ibisa25Rb	ATCCCATTIGCGTGGACTTICTTGACCAT
IbISA2 specific 3'RACE	Ibisa23Fa	ATGGCTCTTTGCCGTTTGTGGGCTATG
	Ibisa23Fan1	TGCAAGGGGGCCACTGCTGAGAAGAC
IbISA3 specific 5'RACE	IbISA35Ra	GGGGAGCATCAAGTGGAGTGCCATCTG
	Ibisa35Ran1	CAAACCGAAACCCATCCACGTGATACTC
IbISA3 specific 3'RACE	IbISA33Fa	CAAAGGAGGCCAAATCCACGAGACCA
	Ibisa33Fan1	ATGCAAGTGCTGGTGGGGGACCCGT
IbISA1 full length sequence	Ibsu1-full-5F	GCTCAAATCGGAAATGGAGTTGATTCA
	Ibsu1-full-3R	GGTAAAACACACTCCTTTTCATGGTCA
IbISA2 full length sequence	Ibisa2-full-5F	GGCGCAGTCTCAAGTTCAATGCGGATT
	Ibisa2-full-3Rb	AATGATTGAACTGCAAAGCTTTTTATTAAA
IbISA3 full length sequence	Ibisa3-full-5F	CAGTTTCAGATTCCCTACACGAAAATA
	Ibisa3-full-3R	AAAATAATTTTGCCATAAATATGCAG
IbISA1 qRT-PCR	IbISA1RT_F	ATGGCCATACTCCAGGGATG
	IbISA1RT_R	ACCGATAACCACCTCGTTCC
IbISA2 qRT-PCR	IbISA2RT_F	AGGGGTAATGGCTCTCTCAGC
	IbISA2RT_R	TAGGACCTTCTCCCCACAGT
IbISA3 qRT-PCR	IbISA3RT_F	TATCACGTGGATGGGTTTCG
	IbISA3RT_R	CCACAATCCCATGGTTCTGA
COX qRT-PCR	IbCOXRT_F *	ACTGGAACAGCCAG
	IbCOXRT_R *	ATGCAATCTTCATGGGTTC
ARF qRT-PCR	IbARFRT_F *	CTTTGCCAAGAAGGAGATGC
	IbARFRT_R	AATCTTGTCTGGCCACCAA

* Primer sequences information obtained from Park et al. 2012