

Table S1. Primers used in this work

Primer name	Hybridization target	Sequence (5' to 3')	Orientation
GTRORF_ATGfw	CYC8 gene (<i>X. dendrorhous</i>)	ATGGCGATTGGAAACAGTGTAG	F
GTRORF_TGARv		TCAGGCTTTGACATCTTCCATTTT	R
GTR_RT1Fwd		GTGCCACCTCCGCCTCAAG	F
GTR_RT2Fwd		GGTACGGGATTGGTATTCTG	F
GTR_RT3Fwd		CACGGTGGGAAGAAGATCTCC	F
GTR_RT4Fwd		GACATTCAGACACCTACCCTG	F
GTR_RT5Fwd		CGACTTCCGGTGGAAACAG	F
GTR_RT6Fwd		CTTCCATCTCTTTCTTCGCC	F
GTR_RT7Fwd		CTTCCCTTATTACTTCTTGCC	F
GTR_RT1Rev		CGCGGTCGGGTGAACGTC	R
GTR_RT2Rev		GAAAGCCTCCTCTGCATGC	R
GTR_RT3Rev		GGAACGGAGATCTGGCGCC	R
GTR_RT5Rev		CGACAGCGTCCGAATTAGAC	R
GTR_RT6Rev		GAGGCCGAAGCATTAGCAG	R
GTR_RT7Rev		GACACAACATATACACAGCCG	R
Tup1C1fw	TUP1 gene (<i>X. dendrorhous</i>)	ATGCTCGACGCCGTCAAAAG	F
Tup1C1Rv		CTAATCCCTAACGGAATCATAC	R
Tup1C2fw		GATGCAGATCCAAAATAGCTCC	F
Tup1 C3fw		GGCACAAGAAGTCCCACTCC	F
Tup1 C4fw		CGAACGATTTGTTTCTCCCC	F
Tup1 C5fw		GATACGTAGCAGCGGGTTCG	F
Tup1 C6fw		CCGTTGGAGTTTCAAATGAC	F
Tup1C2Rv		GCACACTTCTGTCCTTTGAAC	R
Tup1C3Rv		CGAGCTGAACACCCGCTCTG	R
Tup1C4Rv		GTTTGAGAACTTGACGCAGC	R
Tup1C5Rv		AGTGAGTGGAGGAAGGCTG	R
Tup1C6Rv		GTGCGAGGTGAGAGATTTTCG	R
Tup1g1Rv		CCATAGTTGGAAGATGATTAC	R
Tup1g2Rv		CCCAATCGCACTCACTTGAC	R
Tup1g3fw		CACGCATCCAGGCTCGGCG	F
Tup1g3Rv		CCCCGACCCTTGACCTCG	R
M13Fw	pBluescript II SK(-)XR	GTAAAACGACGGCCAG	F
M13Rev		GGAACAGCTATGACCATG	R
HF	<i>hph</i> gene (<i>E. coli</i>)	ATGAAAAAGCCTGAACCTACC	F
HR		CTATTCCTTTGCCCTCGGAC	R
ZF	<i>ble</i> gene (<i>S. hindustanus</i>)	ATGGCCAAGTTGACCAAGTGC	F
ZR		TCAGTCCTGCTCCTCGGCC	R
zeoc-sense-Fw		ACGACGTGACCCTGTTTCATCA	F
zeoc-antisense-Rv		TGATGAACAGGGTCACGTCGT	R
PEFForEV	EF-1 α promoter (<i>X. dendrorhous</i>)	GATATCGGCTCATCAGCCGACAGTT	F
pef rev o		TTTGAAGCTGTTTCGAGATAG	R
gpdTF	GPDH terminator (<i>X. dendrorhous</i>)	ACGGTTCTCTCCAAACCCTC	F
GPDHtRev		ATCATGAGAGATGACGGAG	R
TDH3t.F	TDH3 terminator (<i>S. cerevisiae</i>)	TCCCTCTGTGAGTGAATTTACTTTAAATC	F
TDH3t.R		ATCCTGGCGGAAAAAATTCATTTG	R
OligodT ¹⁸	PolyA region	TTTTTTTTTTTTTTTTTT	R
OligodT ³⁰		TTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	R
LR12R	rDNA 28S	CTGAACGCCTCTAAGTCAGAA	F
5SRNA	rDNA 5S	ATCAGACGGGATGCGGT	R
Primers used in RT-qPCR analyses.			
mactF-RT	<i>ACT</i> gene (<i>X. dendrorhous</i>)	CCGCCCTCGTGATTGATAAC	F
mactR-RT		TCACCAACGTAGGAGTCCTT	R
midif-RT	<i>idi</i> gene (<i>X. dendrorhous</i>)	TCCGAACCGAAGGACTCAGTTT	F
midir-RT		GGACATCAAGTGGCAGGTCT	R
mfpsf2-RT	<i>FPS</i> gene (<i>X. dendrorhous</i>)	TGGTACAAAGTTGAGGGAGTGCT	F
mfpsr2-RT		AGCGGTCAACAGATCGATGAG	R

mcrtEF-RT	<i>crtE</i> gene (X. <i>dendrorhous</i>)	TGTTGGCATGCTACATACCG	F
mcrtER-RT		GTTGGGCGAAGCTTGAAGAT	R
mmcrtYBF2-RT	<i>crtYB</i> gene (X. <i>dendrorhous</i>)	TCGCATATTACCAGATCCATCTGA	F
mmcrtYBR2-RT		GGATATGTCCATGCGCCATT	R
mmcrtIF-RT	<i>crtI</i> gene (X. <i>dendrorhous</i>)	CATCGTGGGATGTGGTATCG	F
mmcrtIR-RT		GGCCCCTGATCGAATCGATAA	R
mcrtSF-RT	<i>crtS</i> gene (X. <i>dendrorhous</i>)	ATGGCTCTTGCAGGGTTTGA	F
mcrtSR-RT		TGCTCCATAAGCTCGATCCCAA	R
mcrtRF-RT	<i>crtR</i> gene (X. <i>dendrorhous</i>)	CTGGGAAACAAGACCTACGA	F
mcrtRR-RT		GGAACCTCGGTTACGACAAA	R
HMGR_Real_2_F	<i>HMGR</i> gene (X. <i>dendrorhous</i>)	GGCCGATCGCTATACATCCGTTT	F
HMGR_Real_2_R		ATCCAGTTGATGGCAGAAGGCT	R
grg2real FW1	<i>grg2</i> gene (X. <i>dendrorhous</i>)	CATCAAGACCTCTGTCACCAAC	F
grg2real RV1		TTGGCGTCAGACGAGGACT	R
Inv real FW1	<i>INV</i> gene (X. <i>dendrorhous</i>)	AGACCATCTGGCCTTCTCAA	F
Inv real RV1		AGGACCGAACTAGTGGATGTG	R
pdcreal FW1	<i>PDC</i> gene (X. <i>dendrorhous</i>)	TCAACACTGAGCTGCCCCACT	F
pdcreal RV1		ATTCCGAATCGGGAAGCACA	R
PDA1_F	<i>PDA1</i> gene (X. <i>dendrorhous</i>)	GGATTCTGCCACTTGACGAT	F
PDA1_R		TCGGCAATAACTCCCTTCAC	R

EF-1 α : 1 α elongation factor; GPDH: glyceraldehyde-3-phosphate dehydrogenase. F: Forward; R: Reverse.