

SUPPLEMENTAL FIGURE LEGENDS

Supplemental Table I. Primer sequences for dsRNA region used in transgenic lines

Supplemental Table II. Primer sequences for qPCR to each *pgant*

Supplemental

Table 1. Primer sequences for generation of IR lines

gene	primers	product
<i>pgant3</i>	F: gcgagtgcctagcATGGCTGGAACCACTTCTTT R: gcgagtgcctagcTGACAGCATTATAAAGTACTGC	508
<i>pgant4</i>	F: taatacctaggCAACCTGGATGCCGGAGATCTGACC R: taatacctaggCTCGCAGGAATTGGCCACCACCTTG	504
<i>pgant35A</i>	F: taatacctaggACGCGCTGGTGTCCAATAACATAGG R: taatacctaggCTGGGCGTGTACTCAAAGGTATCAG	510
<i>CG30463</i>	F: taatacctaggCCTTCATCTGGCGGCGACGTTTCGACGACGATT R: taatacctaggCTTCCGCATCCTTTCCGCCTGTAGGTC	349
<i>CG10000</i>	F: ctagctagcATGCACGCAGGTGGAAAATATTGC R: ctagctagcGCGCTCCTGGTTCCTGAG	557

Supplemental

Table 2. Primer sequences for real-time PCR

gene	primers
<i>pgant1</i>	Sense: 5' - GAACCGAGAAGCCACGAATCATAC - 3' Anti-sense: 5' - TCTCCACTCCAATCTGACTCTGC - 3'
<i>pgant2</i>	Sense: 5' - CGTGCGGCGGAGGTCTG - 3' Anti-sense: 5' - AGGGAATGTTCTTGCGGAGTGG - 3'
<i>pgant3</i>	Sense: 5' - GGCGATGTGCTGACCTTCCTC - 3' Anti-sense: 5' - ACCTTGCGTGATTCCCTTAATGCG - 3'
<i>pgant4</i>	Sense: 5' - AGGAGGCGGTGGGTATGTTC - 3' Anti-sense: 5' - ACTGATTCGGTTGCGGATGG - 3'
<i>pgant5</i>	Sense: 5' - GGAGAAGTCTGCGTCGGAGTC - 3' Anti-sense: 5' - TCTGGCTGTCTGTCTGTGTGTC - 3'
<i>pgant6</i>	Sense: 5' - ATCTGGATGTGTGGTGGTCAAATG - 3' Anti-sense: 5' - CCTGGGACTCGGCTGATGG - 3'
<i>pgant7</i>	Sense: 5' - GAGCACACGAAGCACCTGATG - 3' Anti-sense: 5' - CGTATCTCCTTGAACCACCACTG - 3'
<i>pgant8</i>	Sense: 5' - CAGAATACGCTTCGGGAGTGTTAC - 3' Anti-sense: 5' - TCCAGGCAGAGTTTCGGTGATG - 3'
<i>pgant35A</i>	Sense: 5' - CTCTGTGCCGCCGTGGTG - 3' Anti-sense: 5' - CAATTTCCGCCTTCTCCGTTTCG - 3'
<i>CG10000</i>	Sense: 5' - TCACACGAGACAGGACACAATGG - 3' Anti-sense: 5' - GCCTAAACAAGCCGCACAATACG - 3'
<i>CG30463</i>	Sense: 5' - GCGGAGTTAATGTCCGAGGATTC - 3' Anti-sense: 5' - GTTCGGCGGTGCTATTGTGG - 3'
<i>CG31776</i>	Sense: 5' - AGCGAGAATGGAGGCAATCAGG - 3' Anti-sense: 5' - AATGGGACGGGTGACTATATGTGG - 3'
<i>18s rRNA</i>	Sense: 5' - GGACACGCAAACCTTCTCAACAGC - 3' Anti-sense: 5' - AATCTTCAGAGCCAATCCTTATCCC - 3'

<i>pgant5</i>	Sense: 5' - CTTTCTGGGCAAGCAGTTGGAGG - 3' Anti-sense: 5' - GGCACCCAGGAGACGTGC - 3'
<i>RpL37A</i>	Sense: 5' - GCCAAGCGCACCAAGAAGG - 3' Anti-sense: 5' - GCCGCAGAAGGAGCAAGTGTAC - 3'
<i>CG5828</i>	Sense: 5' - CAGCTTGCTGCCGGATCC - 3' Anti-sense: 5' - CGCGGAAGCAGTTGAACCAGTAATC - 3'