Biofunctional analysis of *Vitellogenin* and *Vitellogenin receptor* in citrus red mites, *Panonychus citri* by RNA interference

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Supplementary Tables

Table S1 Primers used to verify the expression of target genes in different developmental stages by qRT-PCR analysis

Genes	Sequence	Gene expression in different body parts
VG-F	AATGGTTGCGTTGAATACTGC	q-Real-time PCR
VG-R	CTCTGGGATGAGGGGAATGT	q-Real-time PCR
VgR -F	CTGTTTGGTATAAGCGTGCCA	q-Real-time PCR
VgR -R	CAACCACAGCCAATGCACAA	q-Real-time PCR
GADPH-F	CAACCAATTGTCTTGCTCCTTTG	q-Real-time PCR
GADPH-R	CGGTAGCGGCAGGTATAATG	q-Real-time PCR

Table S2 Primers used to amplify target gene fragments for dsRNA synthesis and qRT-PCR analysis

Primers	Sequence	Purpose
VG-F	CTTTCCTTGCTGGTAACTACAT	Gene cloning
VG-R	GATCTTTCGGATCTCCTCCT	Gene cloning
T7+*VG*-F	GGATCCTAATACGACTCACTATAGGCTTTCCTTGCTGGTAACTACAT	dsRNA synthesis
T7+*VG*-R	GGATCCTAATACGACTCACTATAGGGATCTTTCGGATCTCCTCCT	dsRNA synthesis
q-*VG*-F	ATCCCAGAGGAATCCGTTATC	q-Real-time PCR
q-*VG*-R	GTCTCGGGCTGAAAGGTGA	q-Real-time PCR
VgR-F	TCAGAGGGAAGTCAAATCCG	Gene cloning
VgR-R	TCCCCAATCAGACCAGAAC	Gene cloning
T7+*VgR* -F	GGATCCTAATACGACTCACTATAGGTCAGAGGGAAGTCAAATCCG	dsRNA synthesis

T7+*VgR* -R	GGATCCTAATACGACTCACTATAGGTCCCCAATCAGACCAGAAC	dsRNA synthesis
q-*VG* -F	CAAATGGAACCGCAAGAACA	q-Real-time PCR
q-*VG* -R	CATCTCCTGCCAGGTCAATCT	q-Real-time PCR