

Table S1. List of putative immune genes induced by oral administration of bacterial elicitors identified using microarray analysis.

Affymetrix ID	Gene ID	Name	Function	Fold Induction (<i>E. coli</i> /Cont.)
Ag.2R.258.1_a_at	AGAP004317	CLIP-C2	Clip-Domain Serine Protease	5.89
Ag.X.8.1_a_at	AGAP000693	Cecropin-1	Antimicrobial peptide	1.52
Ag.2L.130.0_CDS_s_at	AGAP006342	PGRP-S3	Peptidoglycan recognition protein	5.09
Ag.2L.139.0_CDS_at	AGAP006747	Rel-2	Transcription factor IMD pathway	2.69
Ag.3L.246.0_CDS_at	AGAP010690	NKRF-like	NF-kappa-B-repressing factor-like	1.59
Ag.3R.647.0_UTR_at	AGAP009978	DUOX	Dual oxidase	2.48
Ag.X.264.0_CDS_at	AGAP000999	TOLL5A	Toll-like receptor	6.80
Ag.2L.29.0_CDS_a_at	AGAP007347	Lysozyme	Lysozyme	4.58
Ag.X.20.0_CDS_at	AGAP000536	PGRP-S1	Peptidoglycan recognition protein	2.13
Ag.2R.65.0_CDS_a_at	AGAP001212	PGRP-LB	Peptidoglycan recognition protein	2.32
Ag.2R.1767.0_CDS_at	AGAP004036	HPx7	Heme Peroxidase	21.1

Note: The complete data set for this microarray experiment has been submitted to the NCBI Gene Expression Omnibus (GEO) database.

Table S2. Name, gene ID, and nucleotide sequence of primers used to determine mRNA expression levels using quantitative RT-PCR.

Name	Gene ID	Forward Primer (5'-3')	Reverse Primer (5'-3')
IMPer	AGAP013327-RA	GGGTGCTGTGTGACAATACG	CCATCGCGTTAAATTCACCT
Cecropin1	AGAP000693-RA	AGACCAACCAACCACCAAAC	TCTTTCCCAGCTTCTTCAGC
PGRP-S3	AGAP006342-RA	AACTTCCTGGTCGGTGAGAA	GTTGGTGAACGTGCCAATC
PGRP-LB	AGAP001212-RA	TACGTTGGCAAACAGCTGAC	ATGCGGGCATTGAGTAAAC
HPX8	AGAP004038-RA	ATGGAGCGTTTTTGATCCAG	TGATCCATCAGCGAGAAGAG
DUOX	AGAP009978-RA	CGAGCACAAGAACCATCTCA	GCTTAGCACCTTGCAATCC
NOS	AGAP008255-RA	GCTCGAACTATCTGGCCAAC	CCACTCTTGCCAGAACGAAC