Exogenous application of gallic acid induces the direct defense of tea plant to *Ectropis obliqua* larvae

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**Supplementary Table S1.** Primers for qRT-PCR analysis.

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| Primers | Primer sequence (5'–3') |
| *CsOPR3-QF* | CTCTCTCACAGGGTGGTGCT |
| *CsOPR3-QR* | CCAGGGCAATGTGGAAACCC |
| *CsJAZ1-QF* | CGGCCATAGACACTCCTCCA |
| *CsJAZ1-QR* | TGGCATGCCGAGACTGAGAT |
| *CsPAL2-QF* | CCAATTCCTTGCCAATCCTGTAAC |
| *CsPAL2-QR* | CAACTGCCTCGGCTGTCTTTCT |
| *CsSDH1-QF* | TTGTGCTCCATTGATGAGTC |
| *CsSDH1-QR* | GAGGAGGATTTGGAGGTCTC |
| *GAPDH-QF* | GACTGGAGAGGTGGAAGAGC |
| *GAPDH-QR* | AGCCATTCCAGTCAATTTCC |



**Supplementary Figure 1.** Effect ofGA on the weight gain of tea geometrid larvae in artificial diet assay. Data are presented as means ± SE (*n* = 40, Student’s *t* test).



**Supplementary Figure 2.** Effects of GA treatment on the accumulation of metabolites in tea plant. 1. Isovitexin; 2. Cosnosiin; 3. Luteolin-7-o-glucoside; 4. Isoquerctrin; 5. Isoorientin; 6. Eriodictuol-7-o-glucoside; 7. epigallocatechin; 8. epicatechin; 9. gallocatechin. The data are presented as means + SE (*n* = 3, Student’s *t* test).