- 1 Evaluation of reference genes for real-time quantitative PCR analysis in southern corn
- 2 rootworm, Diabrotica undecimpunctata howardi (Barber)

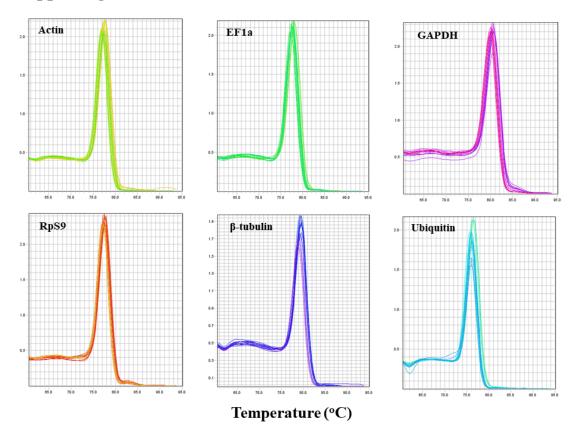
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- 6 (Saumik Basu and Adriano E. Pereira contributed equally to the manuscript)

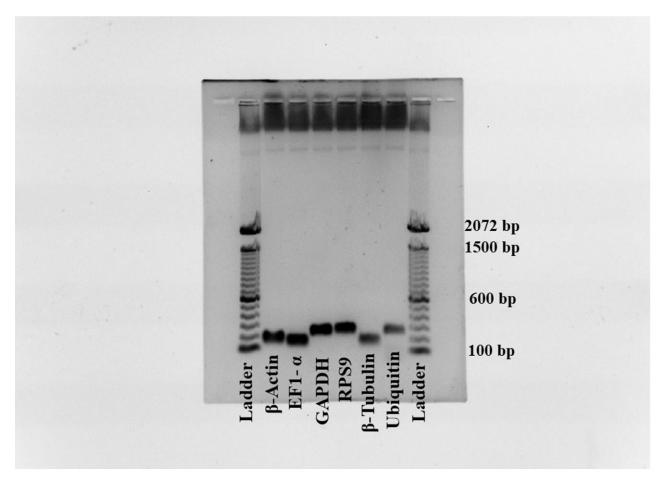
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- 12 0915

14 Supporting information

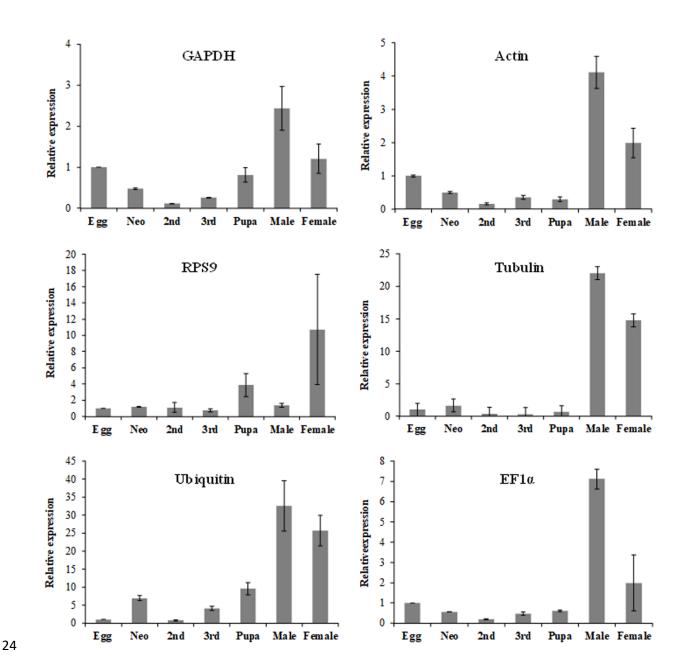


Supplemental Figure 1. Melting curve analyses showing the presence of single peak for the six genes evaluated (*Actin*, *EF1α*, *GAPDH*, *RpS9*, *Tubulin* and *Ubi*) in SCR which confirmed RT-qPCR amplification by their specific primers.



Supplemental Figure 2. PCR amplification of six SCR HKGs, *Actin*, *EF1α*, *GAPDH*, *RpS9*,

22 Tubulin and Ubi using gene-specific primers.



Supplemental Figure 3. Relative gene expression of SCR HKGs *Actin*, *EF1α*, *GAPDH*, *RpS9*, *Tubulin* and *Ubi* performed in the different life stages egg, neonate, second instar, third instar, pupa, adult male and female, using RT-qPCR.