

**Supplementary Table 1. Primers used in this study.**

<b>Name</b>	<b>Sequence (5'-3')</b>	<b>Experiment</b>
<i>BvADH-F</i>	CATTGCGATAAAGGAAAGGCC	Amplify <i>BvADH</i> fragment (753 bp)
<i>BvADH-R</i>	CGCGTAGAGCGTCTGAGCCTAT	
<i>BvCYP76AD1S-F</i>	CATTGCGATAAAGGAAAGGCC	Amplify <i>BvCYP76AD1S</i> fragment (766 bp)
<i>BvCYP76AD1S-R</i>	TTGCCAATATCGACGGCTTGGC	
<i>BvDODA1S-F</i>	CATTGCGATAAAGGAAAGGCC	Amplify <i>BvDODA1S</i> fragment (763 bp)
<i>BvDODA1S-R</i>	ATGAGCACGCCATCATTCTTGAG	
<i>cDOPA5GT-F</i>	CATTGCGATAAAGGAAAGGCC	Amplify <i>cDOPA5GT</i> fragment (1346 bp)
<i>cDOPA5GT-R</i>	CGCCAGAGGAATGGCTTCTCG	
<i>tdTOMATO-F</i>	CAACATTACAATTTACTA	Amplify <i>tdTOMATO</i> fragment (1551 bp)
<i>tdTOMATO-R</i>	TGGTGATTTTTGCGGACT	
<i>RolB-F</i>	GCCAGCATTTTTGGTGA ACT	Amplify <i>RolB</i> fragment (703bp)
<i>RolB-R</i>	GGCACTGAACTTGCCGTTAT	
<i>RolC-F</i>	ATGGCGGAATTTGACCTATG	Amplify <i>RolC</i> fragment (433bp)
<i>RolC-R</i>	TTAGTTCATCTGCCCATCC	
<i>BvADH-qF</i>	CAACACATCCACCACAGCAA	Quantify <i>BvADH</i> gene expression
<i>BvADH-qR</i>	CGATCTTGAGCTTCACGTCG	
<i>BvCYP76AD1S-qF</i>	AGATCAACCACCTCCTCGTG	Quantify <i>BvCYP76AD1S</i> gene expression
<i>BvCYP76AD1S-qR</i>	GCAGGTTGATGATGTCGGAC	
<i>BvDODA1S-qF</i>	GAGACAGACGAGAAGAGGGG	Quantify <i>BvDODA1S</i> gene expression
<i>BvDODA1S-qR</i>	TGAGCACGCCATCATTCTTG	
<i>cDOPA5GT-qF</i>	GGTGTCCCTCTTCCATTCCA	Quantify <i>cDOPA5GT</i> gene expression
<i>cDOPA5GT-qR</i>	CCTGTAGAGCCCACATCCTT	
<i>tdTOMATO-qF</i>	CCGATTACAAGAAGCTGTCC	Quantify <i>tdTOMATO</i> gene expression
<i>tdTOMATO-qR</i>	CTTCACCTTGTAGATCAGCG	
<i>β-actin770-qF</i>	CTCACCTGCTCGCTCTATCG	<i>qRT-PCR</i> internal reference
<i>β-actin770-qR</i>	CCAGCCTTGACCATTCCAGT	