

Table S1 Primers used in this study

Target gene	Primer Name	Sequence	Note
For vector construction			
<i>BvCYP76AD1</i>	BvCYP76AD1start	TCTAGAATGGATCATGCAACATTAGCAATG	Forward primer
	BvCYP76AD1stop	CTCGAGTCAATACCTAGGTATTGGAATAAG	Reverse primer
<i>MjDOD</i>	MjDODstart	TCTAGATGAAAGGAACATACTATATAA	Forward primer
	MjDODstop	GTCGACTTAATCAGTTTTTTGAGTGGTG	Reverse primer
<i>MjDOPA5GT</i>	MjDOPA5GTstart	TCTAGATGACCGCCATTAAAATGAACAC	Forward primer
	MjDOPA5GTstop	GTCGACTTATTGAAGAGAAGGTTCCAAC	Reverse primer
For qRT-PCR			
<i>BvCYP76AD1</i>	BvCYP76AD1_F	CAACGACGACTGATGATGTGCTA	Forward primer
	BvCYP76AD1_R	CTCGCCCATAGTGAGCTCATT	Reverse primer
<i>MjDOD</i>	MjDOD_F	TACCCTTTGCATGTGGCATTAG	Forward primer
	MjDOD_R	CAGCCCAGCTTCGATGAATAA	Reverse primer
<i>MjDOPA5GT</i>	MjDOPA5GT_F	TGCTAAAGACGTGGGCTCAAC	Forward primer
	MjDOPA5GT_R	GGACACATATGCGCTTGTACCA	Reverse primer
<i>ACTIN</i>	TfACT3_F	GTCAGCCACACAGTCCCAATC	Forward primer
	TfACT3_R	AGCGAGATCAAGACGGAGGAT	Reverse primer