

Table S1: Sequences and efficiency of oligonucleotides used in quantitative RT-PCR to assess *Asaia* and *Plasmodium* density and the expression of immune genes *CEC1*, *DEF1*, *CTL4* and *TEP1*.

Gene	Forward (5'-3')	Reverse (5'-3')	Eff. %	Reference
<i>Asaia</i>	TAGCGTTGCTCGGAATGACTGG	CGTATCAAATGCAGCCCCAAGG	99.4	Capone et al. 2013
<b>Pl. 28S</b>	GTGGCCTATCGATCCTTA	GCGTCCCAATGATAGGAAGA	97	Jaramillo-Gutierrez et al. 2009
<i>An. stephensi</i>				
<b>S7</b>	AGCAGCAGCAGCACTTGATTTG	TAAACGGCTTTCTGCGTCACCC	96.7	Capone et al. 2013
<b>DEF1</b>	GCGGTGGAGAACTATCGCGC	GCGATGCAATGCGCGGCAC	100.4	This work
<b>CECA</b>	GCCAGACGGAAGCGGGACG	CCACCACGGGAGAGCTTTCTC	99.6	This work
<b>CTL4</b>	GATTGGAGCGAACACTCTTGCG	CGAAAGCTGATTACCGGTCGG	99.5	This work
<b>TEP1</b>	ACGGACAGCGAGGCTTTAGC	CTGAACCGTATCGCCCGG	99.6	This work
<i>An. gambiae</i>				
<b>S7</b>	AGAACCAGCAGACCACCATC	CTGCAAACCTTCGGCTATTC	93.5	Kambris et al. 2009
<b>DEF1</b>	CATGCCGCGCTGGAGAACTA	GATAGCGGCGAGCGATACAGTGA	95	Kambris et al. 2009
<b>CEC1</b>	CCAGAGACCAACCAACCACCAA	GCACTGCCAGCACGACAAAAGA	98.2	Kambris et al. 2009
<b>CTL4</b>	ATCGGAATGTCGATCGCTAC	GTGTCCGGCGATCAAACCTAT	95.3	Kambris et al. 2009
<b>TEP1</b>	GTTCCAGGAGCGTACGTTGG	CCTGGCGAACAGACCCAAGCTG	99.9	Kambris et al. 2009

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