**S6 Text: List of gene fragments used in this study (5’ to 3’).**

Partial Toxoplasma U6 promoter, BstYam tRNA cassette (AvrII, XbaI flanks)

CCTAGGCCTGACGCGCCTCCTGCAGAACGCGAGACACTGGGATATGTAGAGCCAAGGGGGAAACCTTCGAACTCTCGAATGTCTTCTCTGACAAGAATCATATTTCCATCAGTTCTGTCAGATTTTCAAATGGCGACCTGCAGAGGCCTGCTTCCTCCCTGTGCGCTCTTCGAAGGGGCTTTCTGTCGCGCAGGGTCACCTCGTCCCCGAAGGGGGTGTTTGCCTTCTGGTAAATGGGGATGTCAAGTTGGAGGGGTAGCGAAGTGGCTAAACGCGGCGGACTCTAAATCCGCTCCCTTTGGGTTCGGCGGTTCGAATCCGTCCCCCTCCATTTTTTTTTCTTTTTCtctaga

*Plasmodium* G2 coding sequence codon optimized for *Toxoplasma*

ATGGGCCAGATCAGTTCCAAGGAAGATGAGATTGAAAAGCAAAATATCTATGCGACTTACCCTGGACTGGAACAGCAGCTTGATATGGTGTTCGCGTGCCATGACATTTCTAAACAAGGAAAGTTGTCGTACAAGACAGTTGAAATGATCCTGAGGCACTTTTTGATGCAATGCGGGTTTATGGAGTACGTGTGCAGATTTGTCGACGAGAACGGAACCTTGGATTTGAAGCACGTGTCCAATTATCTTTCTATCAAGAAATTGATGTACAAATTGAAATGCTGCGGGGAAAGTATGCTCACGCTGGACGAAATGAAAGAGTTGGTTATTATCTTCCTCAAGAAAATTTCCGACACCTATACCGAGGATCAGACCAAATGGCTGGAGCAAATGAAGTCGTCGCAAGAGCAACAAGATAAGGCTCTCGAAGAGGCTATGTATAAATACGAAAAGAACATTCTGTTTCATCATGCGGTGAAGGAACAGCAAATTCTTCAGAATGATAAAAAACTGAATGAGTGGAATGAGAACGTGGAGAATGCGTATGAGGCACAACAAGAAATTTTGCGGCAATTCGAATCCTCCAGGAAGAAAAATATTGATATTTCTCTGGAGAAAAACAACGAACTGATTATCGCAAAAGACTATATTGACAAGATCAAGGAAGCTGCTACGGATAACAAGTATGATAATTCCAAATGTTTCATCTATCCAGCGTCTTCTGCGCCTTGCGGCGCATGTACGAGCGCTGGCGCCATCATCCACCATAGGCGATACAAGGAAAAACGTAGGAAGAAAGAGTATAGCTTGTGCTTA