

Table 1. **Description of the malaria based CpG-like oligonucleotides**

Name	Sequence	Chromosomes (no. of repeats)	Genes
CpG1	TCGTCGTCTTCGTCGTC*	4(4); 7(1); 8(1)	VAR erythrocyte membrane protein 1 (PfEMP1)
GC1	TGCTGCTCTTGCTGCTC*	N/A	Negative control
CpG2	TCGTCGTCGTCGTCGTC*	3(1); 6(1); 8(2)	Hypothetical protein
			VAR erythrocyte membrane protein 1 (PfEMP1)
			VAR erythrocyte membrane protein 1 (PfEMP1)
GC2	TGCTGCTGCTGCTGCTC*	N/A	Negative control
2007	TCGTCGTTGTCGTTTTGTCGTT*	N/A	Type B human CpG positive control

*Fully phosphorothioate backbone.