

## LIST OF ABBREVIATIONS

<b>Abbreviation or symbol</b>	<b>Term</b>
iRBCs	infected red blood cells
<i>P. falciparum</i>	<i>Plasmodium falciparum</i>
<i>P. vivax</i>	<i>Plasmodium vivax</i>
<i>P. malaria</i>	<i>Plasmodium malaria</i>
<i>P. ovale</i>	<i>Plasmodium ovale</i>
<i>P. berghei</i>	<i>Plasmodium berghei</i>
<i>P. yoelii</i>	<i>Plasmodium yoelii</i>
ICAM-1	Intercellular adhesion molecule 1
EMP-1	Erythrocyte membrane protein 1
HSPs	Heat shock proteins
°C	Celsius degree
<i>PfHsp70s</i>	<i>Plasmodium falciparum</i> heat shocks proteins 70
RBCs	Red blood cells
%	Percent
TNF	Tumor necrosis factor
E- selectin	Endothelial adhesion molecule 1
P- selectin	Granule membrane protein 140 kDa, antigen CD62
IL-1	Interleukin 1
IL-6	Interleukin 6
TNF- $\alpha$	Tumor necrosis factor alpha
GPI	Glycosylphosphatidylinositol
kDa	Kilo Dalton
TUNEL assay	Terminal uridine deoxynucleotidyl transferase dUTP nick end labeling
PF11_0487	Predicted secreted/cell surfaceglycosyl transferase

## LIST OF ABBREVIATIONS (Cont.)

Abbreviation or symbol	Term
ADF3	Actin-depolymerizing factor related to gelsolin.
Ca <sup>2+</sup>	Calcium
HSF	Heat shock factor
Pfj 1	Heat Shock Protein DnaJ homologues from <i>Plasmodium falciparum</i>
Mdj1	Mitochondrial DnaJ homologue of <i>Saccharomyces cerevisiae</i>
GGM	Glycine – Glycine – Methionine
BSA	Bovine serum albumin
CQ	Chloroquine
MQ	Mefloquine
QN	Quinine
Ars	Artesunate
HEPES	N-[2-hydroxyethyl]Piperazine-N'-[2-ethanesulfonic acid
mM	Mili molar
KCl	Potassium chloride
Rpm	Round per minute
μl	Micro liter
ml	Mili liter
PBS	Phosphate buffered saline
SDS	Sodium dodecylsulphate
h	Hour
HS	Heat shock group
Non-HS	non- heat shock group
R	Ring stage
T	Trophozoite stage

**LIST OF ABBREVIATIONS (Cont.)**

<b>Abbreviation or symbol</b>	<b>Term</b>
S	Schizonts stage
PIRBC	Parasite infected red blood cell
PRBC	Pack red blood cell
RNAs,	Ribonucleic acid
rRNA	Ribosomal ribonucleic acid
HRPIII	Histidine rich proteins II
MSP-1	Merozoite surface protein-1
CSP	Circumsporozoite protein
<i>Pfemp1</i>	<i>Plasmodium falciparum</i> erythrocyte membrane protein 1