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ABBREVIATIONS AND SYMBOLS

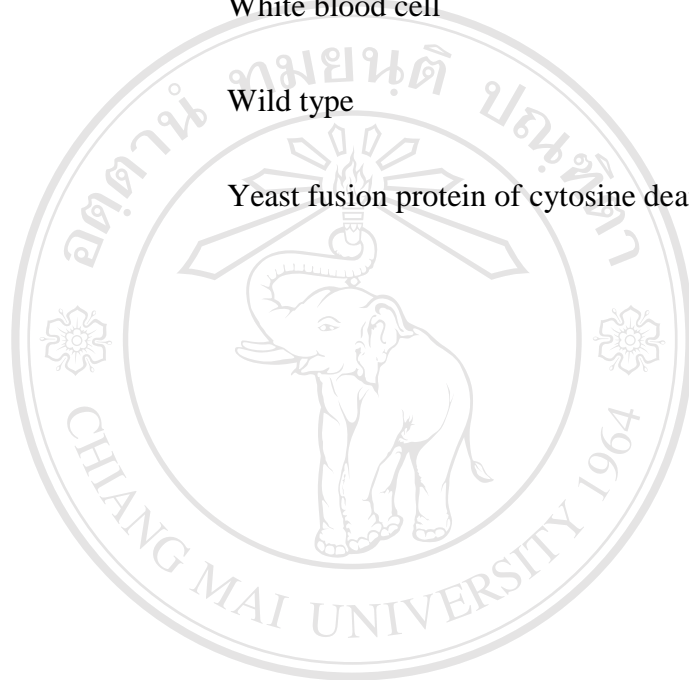
%	Percent
µg	Microgram
µl	Microliter
µM	Micromolar
5-FC	5-Fluorocytosine
A	Absorbance
Amp	Ampicillin resistant gene
ART	Artesunate
bp	Base pair
BSA	Bovine serum albumin
cDNA	Complementary deoxyribonucleic acid
CFU	Colony forming unit
cm	Centimeter
CO ₂	Carbon dioxide
CQ	Chloroquine
DDW	Deionized distilled water

DEPC	Diethyl pyrocarbonate
DHFR	Dihydrofolate reductase
DHFR-TS	Dihydrofolate reductase-thymidylate synthase
DMSO	Dimethylsulfoxide
DNA	Deoxyribonucleic acid
dNTPs	Deoxynucleotide triphosphate
DPI	Day post infection
DW	Distilled water
<i>E. coli</i>	<i>Escherichia coli</i>
ED ₅₀	Effective dose at 50%
eef1 α -a	Eukaryotic elongation factor 1 α -a
EPI	Episomal form
FACS	Fluorescence activated cell sorting
FBS	Fetal bovine serum
G	Gravity
g	Gram
gDNA	Genomic DNA
GFP	Green fluorescent protein
H ₂ O	Water

HPI	Hour post infection
hr	Hour
INT	Integration form
i.p.	Intraperitoneal
iRBC	Infected red blood cells
i.v.	Intravenous
kb	Kilobase
Kg	Kilogram
L	Liter
LB	Luria Bertani
M	Molar
min	Minute
ml	Milliliter
mM	Millimolar
mm	Millimeter
N ₂	Nitrogen
ng	Nanogram
nM	Nanomolar
O/N	Overnight

O ₂	Oxygen
°C	Degree Celsius
OD	Optical density
Pb	<i>Plasmodium berghei</i>
PBS	Phosphate buffered saline
PCR	Polymerase chain reaction
Pf	<i>Plasmodium falciparum</i>
PHZ	Phenylhydrazine-HCl
Pv	<i>Plasmodium vivax</i>
PYR	Pyrimethamine
RBC	Red blood cell
RNA	Ribonucleic acid
rpm	Revolutions per minute
RT	Room temperature
RT-PCR	Reverse transcriptase PCR
s	second
ssurRNA	Small subunit ribosomal RNA
Tg	<i>Toxoplasma gondii</i>
TS	Thymidylate synthase

UPRT	Uridyl phosphoribosyl transferase
UTR	Untranslated region
v/v	Volume per volume
w/v	Weight per volume
WBC	White blood cell
WT	Wild type
yFCU	Yeast fusion protein of cytosine deaminase and UPRT



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