

Gene	Annotation	Name
PBANKA_1002500	sporozoite-specific protein S10	S10
PBANKA_0901300	membrane associated erythrocyte binding-like protein	MAEBL
PBANKA_0501200	early transcribed membrane protein	UIS4
PBANKA_1465051	Plasmodium exported protein	
PBANKA_1400800	protein UIS3	UIS3
PBANKA_1206800	zinc finger (CCCH type) protein	
PBANKA_1236200	conserved Plasmodium protein	
PBANKA_1349800	thrombospondin-related anonymous protein	TRAP
PBANKA_1433700	conserved Plasmodium protein	
PBANKA_1425200	sporozoite surface protein 3	SSP3
PBANKA_1432300	cell traversal protein for ookinetes and sporozoites	CeITOS
PBANKA_1006200	sporozoite invasion-associated protein 1	SIAP1
PBANKA_1349300	conserved Plasmodium protein	
PBANKA_1225000	serine/threonine protein kinase, FIKK family	
PBANKA_1236100	ribosomal large subunit pseudouridylate synthase	
PBANKA_1340100	L-lactate dehydrogenase	LDH
PBANKA_1204200	IMP1-like protein	IMP4
PBANKA_1422900	conserved protein	
PBANKA_0605900	conserved Plasmodium protein	
PBANKA_1306500	TRAP-like protein	TREP
PBANKA_1328000	serine/threonine protein phosphatase UIS2	UIS2
PBANKA_0209100	thrombospondin-related sporozoite protein	TRSP
PBANKA_0813000	inhibitor of cysteine proteases	ICP
PBANKA_1350500	parasitophorous vacuolar prot. 3	PV3
PBANKA_1312700	gamete egress and sporozoite traversal protein	GEST
PBANKA_0601600	nuclear export mediator factor	NEMF
PBANKA_0403200	circumsporozoite (CS) protein	CSP
PBANKA_1005200	conserved Plasmodium protein	
PBANKA_0720800	RNA-binding protein NOB1	NOB1
PBANKA_1107700	SET domain protein	SET9

Max Expr.	Literature phenotype
8	Liver (Togiri et al., 2019)
5	SG (Kariu et al., 2002)
30+	Liver (Mueller et al., 2005)
30+	
30	Liver (Mueller et al., 2005)
8	
10	
sustained	Motility (Sultan et al., 1997)
5	
20	Motility (Harupa et al., 2014)
25	Skin + Liver (Kariu et al., 2006)
sustained	SG (Engelmann et al., 2009)
25	
8	Oocysts (Jaiyan et al., 2016)
10	
5	
0	
0	
20	
0	Motility (Combe et al., 2009)
25	Liver (Zhang et al., 2016)
20	Liver (Labaied et al., 2007)
8, 25	SG (Boysen et al., 2013), Liver (Lehmann et al., 2014)
8	
20	Skin (Talman et al., 2011)
18	
sustained	Sporozoite development (Menard et al., 1997)
18	
5	
5	

RMgmDB

SG sporozoites (RMgm-2710)

SG sporozoites (RMgm-220)

Liver (RMgm-1934)

Liver (RMgm-1449)

no phenotype (RMgm-374, -3195)

SG sporozoites (RMgm-149, -1344)

Egress (RMgm-312)

no phenotype (RMgm-3858)

Oocysts (RMgm-46)

Egress (RMgm-109, -233)

no data (RMgm-3295)

no data (RMgm-3185)

SG sporozoites (RMgm-145, -159)

Liver (RMgm-1366)

Liver (RMgm-34)

SG sporozoites (RMgm-1114, -970)

Liver (RMgm-667)

Sporozoites (RMgm-9)

Liver (RMgm-2722)