Figure 6

a

b

	PfaI	Pviv	Pkno	Pcyn	Pber
NADPH:quinone reductase					
Hydroxymethylpyrimidine kinase					
Phosphomethylpyrimidine kinase					
Thiamine phosphate diphosphorylase					
Tetrahydrobiopterin–4a–carbinolamine dehydratase					
L–Proline,2–oxoglutarate:oxygen oxidoreductase (4–hydroxylating)					
Nitric–oxide synthase					
1–acylglycerol acylhydrolase (16:0)					
1–acylglycerol acylhydrolase (18:0)					
1–acylglycerol acylhydrolase (18:1(11Z))					
Phosphoethanolamine methyltransferase					
ATP diphosphohydrolase–apyrase					
5'–nucleotidase (IMP)					
5'–nucleotidase (GMP)					

Absent / Present

c Thiamine metabolism

	P. falciparum	P. berghei
HMPK1	--	✕
PMPK	--	✕
TMPPP	--	✕
THMP	--	--
TMDPK	--	100%
TDP	--	--
THMDP	--	--
TMPKr	--	--

d Choline metabolism

	P. falciparum	P. berghei
ETHAK	--	--
ETHAMPtg	--	--
PETHMTg	--	✕
SMPD3g	--	--
CEPTC	100%	100%
CHLPCTD	100%	100%
CHOLPtg	--	--
CHOLK	3%	100%
LPASE	--	--
GPDDA1	--	--
CHOLtu	3%	100%

e Pantothenate metabolism

P. falciparum

	T	Schizont	GII	GV	Ook
DPCOAKc	100%	100%	100%	--	--
DPCOAtc	100%	100%	100%	--	--
PTPATi	100%	100%	100%	--	--
PPCDC	100%	100%	100%	--	--
PPNCL2	100%	100%	100%	--	--
PNTK	100%	100%	100%	--	--
PNTOt6	100%	100%	100%	--	--
EX_pnto-R(e)	100%	100%	100%	--	--

P. berghei

	T	Schizont	GII	GV	Ook
DPCOAKc	--	--	--	--	--
DPCOAtc	--	--	--	--	--
PTPATi	--	--	--	--	--
PPCDC	--	--	--	--	--
PPNCL2	--	--	--	--	--
PNTK	--	--	--	--	--
PNTOt6	--	--	--	--	--
EX_pnto-R(e)	--	--	--	--	--