

Supplemental Information

Genome-Scale Identification of Essential

Metabolic Processes for Targeting

the *Plasmodium* Liver Stage

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Table S1: Relative abundance (mean) and standard for genes included in the pilot screen pilot screen, related to Figure 1. Displayed are the mean values (and standard deviations, SD) for relative of abundance of genes in the pilot screen. Those genes with a published liver stage phenotype are shown with an asterisk beside the Gene ID.

Gene ID	Gene name	B1		MG		SG		B2		Reference related to liver stage phenotype
		Relative abundance	SD	Relative abundance	SD	Relative abundance	SD	Relative abundance	SD	
PBANKA_0514900	P28	1.000	0.201	0.900	0.266	0.926	0.193	2.197	0.565	-
PBANKA_0515000	P25	1.000	0.020	1.471	0.409	1.421	0.219	2.954	0.597	-
PBANKA_1034400	PM4	1.000	0.031	0.464	0.413	0.394	0.217	0.343	0.075	-
PBANKA_1037800	SOAP	1.000	0.385	1.232	0.128	1.332	0.293	2.725	0.654	-
PBANKA_1104200	BCKDHB	1.000	0.195	0.325	0.076	0.242	0.339	0.180	0.204	-
PBANKA_1401600	-	1.000	0.332	0.191	0.199	0.140	0.243	0.471	0.751	-
PBANKA_0315000	-	1.000	0.410	1.477	0.429	1.229	0.174	2.469	0.758	-
PBANKA_0401200	ABCB4	1.000	0.533	1.304	0.653	1.789	0.749	2.398	0.948	-
PBANKA_0519800	-	1.000	0.147	0.003	0.003	0.001	0.001	0.024	0.022	-
PBANKA_0833100	M18AAP	1.000	0.384	1.388	0.226	1.275	0.284	2.358	0.091	-
PBANKA_0933700	MAPK2	1.000	0.155	0.564	0.145	0.910	0.166	1.628	0.558	-
PBANKA_1038300	TRAM	1.000	0.197	0.965	0.226	0.772	0.123	1.038	0.100	-
PBANKA_1133400	EF-1alpha	1.000	0.417	1.117	0.092	1.072	0.135	2.667	1.717	-
PBANKA_1217700	DOZI	1.000	0.463	0.082	0.042	0.036	0.013	0.017	0.022	-
PBANKA_1357500	LipA	1.000	0.267	1.411	0.437	1.492	0.525	0.086	0.024	-
PBANKA_0615900	CRMP2	1.000	1.234	1.686	2.098	1.189	1.845	2.991	4.898	-
PBANKA_0702700	ROM3	1.000	0.146	2.491	0.509	0.669	0.086	1.401	0.262	-
PBANKA_0933500	ROM1	1.000	0.127	0.913	0.178	1.278	0.371	1.898	0.917	-

PBANKA_1411100	BCKDHA1	1.000	0.216	0.233	0.135	0.167	0.086	0.167	0.126	-
PBANKA_0101100*	PALM	1.000	0.282	1.259	0.157	1.289	0.023	0.081	0.029	(Haussig, <i>et al.</i> , 2011)
PBANKA_0501200*	UIS4	1.000	0.193	1.385	0.201	1.395	0.253	0.069	0.031	(Mueller <i>et al.</i> , 2005)
PBANKA_0506500*	ZIPCO	1.000	0.143	0.716	0.212	0.584	0.150	0.282	0.040	(Sahu <i>et al.</i> , 2014)
PBANKA_0714900*	aLipDH	1.000	0.410	1.708	0.206	1.526	0.304	0.075	0.027	(Pei <i>et al.</i> , 2010)
PBANKA_0808100*	B9	1.000	0.103	1.612	0.612	1.581	0.288	0.086	0.043	(Annoura <i>et al.</i> , 2014)
PBANKA_0902100*	SLARP	1.000	0.607	1.464	0.738	1.498	0.614	0.126	0.052	(Silvie, <i>et al.</i> , 2008)
PBANKA_1002100*	P36	1.000	0.234	1.286	0.322	1.526	0.184	0.074	0.034	(Ishino, <i>et al.</i> , 2005)
PBANKA_1002200*	P36p	1.000	0.234	1.076	0.378	1.552	0.392	0.060	0.024	(Ishino, <i>et al.</i> , 2005)
PBANKA_1006300*	PLP1	1.000	0.790	1.599	1.414	1.193	1.097	0.122	0.025	(Ishino, <i>et al.</i> , 2005a)
PBANKA_1024600*	LISP1	1.000	0.186	1.466	0.351	1.283	0.153	0.159	0.100	(Ishino <i>et al.</i> , 2009)
PBANKA_1125100*	FabB/F	1.000	0.304	1.565	0.338	1.419	0.239	0.074	0.031	(Vaughan <i>et al.</i> , 2009)
PBANKA_1128100*	PL	1.000	0.363	1.221	0.299	1.346	0.476	0.636	0.559	(Burda <i>et al.</i> , 2015)
PBANKA_1302800*	TPx1	1.000	0.241	1.400	0.115	1.299	0.125	2.169	0.494	(Yano <i>et al.</i> , 2008)
PBANKA_1338200*	FabZ	1.000	0.059	1.515	0.303	1.425	0.289	0.079	0.035	(Vaughan <i>et al.</i> , 2009)
PBANKA_1349800*	TRAP	1.000	0.409	1.142	0.276	0.372	0.056	0.063	0.036	(Sultan <i>et al.</i> , 1997)