

Table S1				
Gene ID	PlasmoDB annotation	Protein Name or Symbol	average log2 Ratio normalized Kelch13 from Birnbaum et al. 2020	proteins analyzed in this study
PF3D7_1343700	kelch protein K13	K13	6.29	
PF3D7_0606000	protein KIC1	KIC1	4.43	
PF3D7_1227700	protein KIC2	KIC2	4.03	
PF3D7_1246300	protein KIC4	KIC4	3.83	
PF3D7_0914400	protein KIC4	KIC3	3.64	
PF3D7_1438400	metacaspase-like protein	MCA2	3.63	X
PF3D7_1025000	Eps15-like protein	Eps15	3.50	
PF3D7_1138700	protein KIC5	KIC5	3.39	
PF3D7_1243400	conserved Plasmodium protein, unknown function		3.24	X
PF3D7_0813000	protein KIC7	KIC7	3.13	
PF3D7_1442400	protein KIC9	KIC9	3.03	
PF3D7_0609700	protein KIC6	KIC6	2.98	
PF3D7_0104300	ubiquitin carboxyl-terminal hydrolase 1, putative	UBP1	2.90	
PF3D7_0204300	<i>conserved Plasmodium protein, unknown function</i>		2.84	
PF3D7_1014900	protein KIC8	KIC8	2.78	
PF3D7_0915400	ATP-dependent 6-phosphofructokinase	PFK9	2.58	
PF3D7_1365800	<i>conserved Plasmodium protein, unknown function</i>		2.53	X
PF3D7_1122500	protein KIC10	KIC10	2.44	
PF3D7_1447800	calponin homology domain-containing protein, putative		2.19	X
PF3D7_1142100	conserved Plasmodium protein, unknown function	KIC11*	1.65	X
PF3D7_1345600	inner membrane complex protein		1.55	
PF3D7_0103100	<i>vacuolar protein sorting-associated protein 51, putative</i>	VP51	1.55	X
PF3D7_0109000	<i>photosensitized INA-labeled protein PHIL1, putative</i>	PHIL1	1.49	
PF3D7_1117900	<i>conserved Plasmodium protein, unknown function</i>		1.46	
PF3D7_0408100	conserved Plasmodium protein, unknown function		1.45	
PF3D7_1247400	peptidyl-prolyl cis-trans isomerase FKBP35	FKBP35	1.45	
PF3D7_0721100	<i>conserved Plasmodium protein, unknown function</i>		1.42	
PF3D7_1016200	<i>Rab3 GTPase-activating protein non-catalytic subunit, putative</i>		1.41	
PF3D7_0708400	heat shock protein 90	HSP90	1.41	
PF3D7_1329100	myosin F	MyoF	1.32	X
PF3D7_1329500	conserved Plasmodium protein, unknown function	KIC12*	1.32	X
PF3D7_0717600	conserved Plasmodium protein, unknown function	IMC32	1.30	
PF3D7_0405700	lysine decarboxylase, putative	UIS14	1.23	X
PF3D7_0907200	<i>GTPase-activating protein, putative</i>		1.15	X
PF3D7_0822900	<i>conserved Plasmodium protein, unknown function</i>	PIC2	1.15	
PF3D7_1018200	<i>serine/threonine protein phosphatase 8, putative</i>	PPP8	1.13	
PF3D7_1141300	conserved Plasmodium protein, unknown function	APR1	1.11	

KICs (Birnbaum et al. 2020)  
new candidates  
new candidates not analyzed  
BioID baits (Birnbaum et al. 2020)  
considered false positives / IMC proteins  
renamed in current manuscript  
\*  
*italic* less stringent filtering group (significant with FDR<1% in 2 out of 4 reactions of any bait (Birnbaum et al. 2020))