

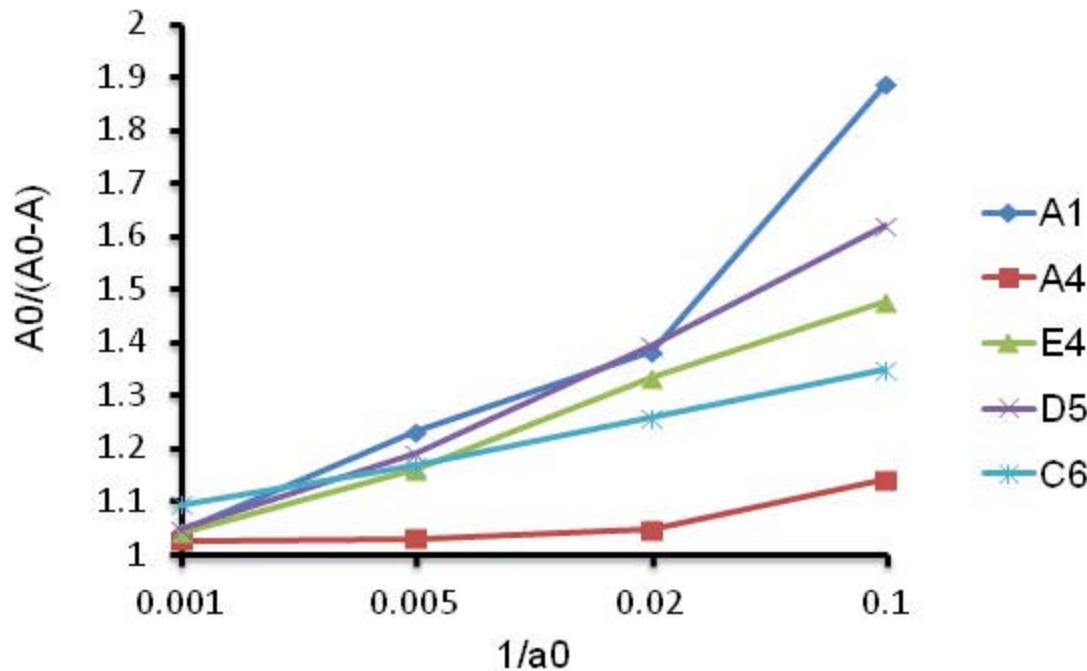
Hakimi et al. Supplementary Table S1

Gene	PlasmoDB ID	Primers
PfTPx-1	PF3D7_1438900	F: 5'-CAATTACAT <u>ATGG</u> CATCATATGTAGGAAG-3' (<i>Nde</i> I)
		R: 5'-CAATTAGAATT <u>CTTACA</u> ACTTTGATAAAATATT-3' (<i>EcoR</i> I)
PvTPx-1	PVX_118545	F: 5'- <u>CATATGCC</u> GACATACGTAGGAAAGG-3' (<i>Nde</i> I)
		R: 5'-GGATT <u>CTTATA</u> ATGTGGACAAATACTGCGC-3' (<i>BamH</i> I)
PkTPx-1	PKH_126740	F: 5'- <u>CATATGGT</u> GACATACGTAGGAAAAGAAGC -3' (<i>Nde</i> I)
		R: 5'- <u>GAATTCTTATA</u> ATGTGGACAAATATTGCGC-3' (<i>EcoR</i> I)

Hakimi et al. Supplementary Table S2

Gene	Accession number	Non-synonymous	Synonymous	Total SNP
		SNPs	SNPs	
HRP-II	PF3D7_0831800	80	127	207
PfLDH	PF3D7_1324900	2	1	3
Aldolase	PF3D7_1444800	2	24	26
PfTPx-1	PF3D7_1438900	0	2	2

Hakimi et al. Supplementary Figure S1



Hakimi et al. Supplementary Figure S2

PfTPx-1	1	MAS YVG REAP YFKA EAVFA ADNT FGEVNL HD FIGKKYVLLYFYPL DFTFVC PSEIIIALDKA	60
PvTPx-1	1	MPT YVG KEAP FFKA EAVFG DNS FGEVNL TQFIGKKYVLLYFYPL DFTFVC PSEIIIALDKA	60
PkTPx-1	1	MVT YVG KEAP FFRAE AVFG DNS FGEVNL SQFIGKKYVLLYFYPL DFTFVC PSEIIIALDKA	60
PfTPx-1	61	LDAFKERNVELI GCS VDSKYTHLAWKKTPLTKGGIGNIQHTLISDI TKSISRSYNVLFGD	120
PvTPx-1	61	LDAFHERNVELL GCS VDSKYTHLAWKKTPLAKGGIGNIKHTLLSDIT KKSISKDYNVLFD	120
PkTPx-1	61	LDAFHERNVELL GCS VDSKYTHLAWKKTPREKGGIGNIKHTLLSDISKSISRDYNVLFD	120
PfTPx-1	121	SVSLRAFVLIDKQGVVQHLLVNNLAI GRSVVEEVLRIIDAVQHHEQHGDVCPANWKGKV	180
PvTPx-1	121	SVSLRAFVLIDMNGIVQHLLVNNLAI GRSVDEILRIIDAIQHHEKYGDVCPANWKGKV	180
PkTPx-1	121	SVSLRAFVLIDKNGIVQHLLVNNLALGRSVDEILRIIDALQHHEKYGDVCPANWKGKV	180
PfTPx-1	181	MKPSEEQVSEYL SKL	195
PvTPx-1	181	MKPSEEQVQAQYL STL	195
PkTPx-1	181	MKPSEEQVQAQYL STL	195