categories	gene_id	descrit	GO process	GO process description	log2FoldChange	padj
Cell Signaling (Kinases and Phosphatases)	PF3D7_1104900	calcium/calmodulin-dependent protein kinase put	GO:0006468	protein phosphorylation	3,101020035	0,022589027
	PF3D7_1228300	NIMA related kinase 1	GO:0006468	protein phosphorylation	3,00756132	0,005867392
	PF3D7_0417800	cdc2-related protein kinase 1	GO:0006468	protein phosphorylation	2,821179987	0,015252056
	PF3D7_0214600	serine/threonine protein kinase putative	GO:0006468	protein phosphorylation	2,582051921	0,001203328
	PF3D7_0731400	serine/threonine protein kinase FIKK family	N/A	N/A	2,221740929	0,022380124
	PF3D7_1471400	diacylglycerol kinase putative	GO:0007205;GO:0007165	protein kinase C-activating G protein-coupled receptor signaling pathway;signal transduction	2,209492488	0,02336011
	PF3D7_1009600	protein phosphatase putative	N/A	N/A	2,168610618	0,047635087
	PF3D7_1403900	serine/threonine protein phosphatase CPPED1 put	N/A	N/A	2,043680685	0,043329245
	PF3D7_1223100	cAMP-dependent protein kinase regulatory subunit	GO:0001932	regulation of protein phosphorylation	1,960034235	0,045261484
	PF3D7_1208900	protein phosphatase putative	N/A	N/A	1,751153311	0,005984697
	PF3D7_0802600	adenylyl cyclase beta	GO:0009190;GO:0035556	cyclic nucleotide biosynthetic process;intracellular signal transduction	1,707061791	0,010207204
	PF3D7_0810500	protein phosphatase PPM7 putative	GO:0006470	protein dephosphorylation	1,541041009	0,024607748
	PF3D7_0726200	serine/threonine protein kinase FIKK family	GO:0006468	protein phosphorylation	1,5173444	0,040527129
	PF3D7_0314400	serine/threonine protein phosphatase 6 putative	N/A	N/A	1,498404783	0,048933745
	PF3D7_1138400	guanylyl cyclase	GO:0009190;GO:0035556; GO:0015914	cyclic nucleotide biosynthetic process;intracellular signal transduction;phospholipid transport	1,43844958	0,036975048
	PF3D7_1124600	ethanolamine kinase	N/A	N/A	1,393682119	0,047391842

	PF3D7_0515300	phosphatidylinositol 3-kinase	GO:0046854;GO:0048015	phosphatidylinositol phosphate biosynthetic process;phosphatidylinositol-mediated signaling	1,378101292	0,043329245
Host Invasion and Interaction (Export & Surface)	PF3D7_0808200	plasmepsin X	GO:0006508	proteolysis	3,262771153	0,000196557
	PF3D7_1478300	Plasmodium exported protein unknown function	N/A	N/A	3,064923656	0,034401626
	PF3D7_0410000	erythrocyte vesicle protein 1	N/A	N/A	2,987940321	0,003982503
	PF3D7_1335000	MSP7-like protein	N/A	N/A	2,900655605	0,034658049
	PF3D7_1102300	Plasmodium exported protein unknown function	N/A	N/A	2,691216082	0,000211098
	PF3D7_0800700	surface-associated interspersed protein 8.3 (SURFI	N/A	N/A	2,549877186	0,001515505
	PF3D7_0103900	parasite-infected erythrocyte surface protein	N/A	N/A	2,375910056	0,000363152
	PF3D7_1478600	EMP1-trafficking protein	N/A	N/A	2,312061034	0,00226814
	PF3D7_0500800	mature parasite-infected erythrocyte surface antig	N/A	N/A	2,2072507	0,021769006
	PF3D7_0930300	merozoite surface protein 1	GO:0009405	obsolete pathogenesis	2,136624313	0,04706778
	PF3D7_1323500	plasmepsin V	GO:0006508	proteolysis	2,057697683	0,015795882

	PF3D7_0831100	surface-associated interspersed protein 8.1 (SURFI	N/A	N/A	2,033472366	0,043329245
	PF3D7_0301700	Plasmodium exported protein unknown function	N/A	N/A	2,005312108	0,020441746
	PF3D7_1452000	rhoptry neck protein 2	N/A	N/A	1,843214798	0,036975048
	PF3D7_0201500	Plasmodium exported protein (hyp9) unknown func	N/A	N/A	1,803854001	0,021346347
	PF3D7_0113400	Plasmodium exported protein unknown function	N/A	N/A	1,647705425	0,012545384
	PF3D7_0731500	erythrocyte binding antigen-175	GO:0009405	obsolete pathogenesis	1,553084774	0,033147018
	PF3D7_0831400	Plasmodium exported protein unknown function	N/A	N/A	1,460945089	0,040527129
	PF3D7_0101100	exported protein family 4	N/A	N/A	1,458358688	0,040840908
	PF3D7_0324300	exported protein family 4	N/A	N/A	1,458358688	0,040840908
	PF3D7_1115300	cysteine proteinase falcipain 2b	GO:0006508	proteolysis	1,419833745	0,048555236
	PF3D7_1327600	nicotinate-nucleotide adenylyltransferase	GO:0009058	biosynthetic process	3,169853946	0,004821251
	PF3D7_0920000	long chain fatty acid elongation enzyme putativ	N/A	N/A	2,952323112	0,010882188
	PF3D7_0422000	steroid dehydrogenase putative	GO:0055114	oxidation-reduction process	2,681807198	0,001904783

Metabolism and Organelle Homeostasis	PF3D7_1469600	biotin carboxylase subunit of acetyl CoA carboxyla	GO:2001295	malonyl-CoA biosynthetic process	2,589862501	0,000703594
	PF3D7_0306400	FAD-dependent glycerol-3-phosphate dehydrogenase%2	GO:0006072;GO:0055114	glycerol-3-phosphate metabolic process;oxidation-reduction process	2,215372103	0,033545112
	PF3D7_1124500	pyruvate dehydrogenase E1 component subunit alpha	N/A	N/A	2,192177324	0,013029873
	PF3D7_1415700	serine C-palmitoyltransferase putative	GO:0009058	biosynthetic process	2,147721862	0,021539238
	PF3D7_1401500	lysophospholipase putative	N/A	N/A	2,108995013	0,012816886
	PF3D7_1477900	acyl-CoA synthetase pseudogene	N/A	N/A	1,796153963	0,039788998
	PF3D7_1147500	protein farnesyltransferase subunit beta	GO:0018343	protein farnesylation	1,580438133	0,027987226
	PF3D7_0215300	acyl-CoA synthetase	N/A	N/A	1,540582182	0,029825831
	PF3D7_0319000	P-type ATPase putative	GO:0015914	phospholipid transport	1,471492472	0,021346347
	PF3D7_0723700	metallo-hydrolase/oxidoreductase putative	N/A	N/A	1,421481356	0,047911513
	PF3D7_1352100	ABC transporter B family member 6 putative	GO:0055085	transmembrane transport	1,360124338	0,049211024
	PF3D7_0926700	glutamine-dependent NAD(+) synthetase putative	GO:0009435	NAD biosynthetic process	1,331279696	0,043329245

	PF3D7_1406600	ATP-dependent Clp protease regulatory subunit ClpC	N/A	N/A	4,151153123	0,00513642
	PF3D7_0609400	mitochondrial cardiolipin synthase putative	N/A	N/A	1,986747503	0,028831454
Protein Machinery and Structure	PF3D7_1140500	myosin F putative	N/A	N/A	4,164733931	0,011953888
	PF3D7_1102200	DnaJ protein putative	N/A	N/A	4,132781247	0,000786453
	PF3D7_1210000	50S ribosomal protein L1 apicoplast putative	N/A	N/A	3,375651668	0,022528364
	PF3D7_0504700	centrosomal protein CEP120 putative	N/A	N/A	3,221609128	0,006361272
	PF3D7_1431600	succinyl-CoA ligase [ADP-forming] subunit beta	GO:0006099	tricarboxylic acid cycle	3,013178599	0,003910741
	PF3D7_1219000	formin 2	N/A	N/A	2,72796563	0,000326922
	PF3D7_1201100	RESA-like protein with PHIST and DnaJ domains	N/A	N/A	2,536132195	0,019634166
	PF3D7_1333200	ubiquitin-activating enzyme	GO:0006464	cellular protein modification process	2,474486753	0,001298715
	PF3D7_1469000	translation initiation factor IF-1	GO:0006413	translational initiation	2,40570558	0,029740816
	PF3D7_1473700	nucleoporin NUP116/NSP116 putative	N/A	N/A	2,009236489	0,020412047
	PF3D7_0407900	AAA family ATPase putative	N/A	N/A	1,763711476	0,033545112
	PF3D7_0708500	heat shock protein 86 family protein	N/A	N/A	1,387974551	0,007951166
	PF3D7_0707400	AAA family ATPase putative	GO:0007005	mitochondrion organization	1,242870201	0,036749419
	PF3D7_1350900	transcription factor with AP2 domain(s)	N/A	N/A	3,986255864	0,000364506

	PF3D7_0910900	DNA primase large subunit putative	GO:0006269	DNA replication, synthesis of RNA primer	3,566993987	0,000877569
	PF3D7_0414000	structural maintenance of chromosomes protein 3	GO:0051301;GO:0051276	cell division;chromosome organization	2,825992808	0,018951068
	PF3D7_0711400	histone deacetylase complex subunit SAP18 putat	N/A	N/A	2,608893204	0,00167544
	PF3D7_0501800	chromosome assembly factor 1	GO:0006325;GO:0006351	chromatin organization;transcription, DNA-templated	2,600471231	0,034658049
	PF3D7_1211700	DNA replication licensing factor MCM5 putative	GO:0032508;GO:0006260	DNA duplex unwinding;DNA replication	2,582209381	0,001624423
	PF3D7_0314700	zinc finger protein putative	N/A	N/A	2,434017804	0,043063088
	PF3D7_0203900	5'-3' exonuclease N-terminal resolvase-like dom	GO:0006261	DNA-dependent DNA replication	2,39798288	0,044202955
	PF3D7_0725000	exonuclease I putative	GO:0006281	DNA repair	2,379662936	0,001515505
	PF3D7_1429200	transcription factor with AP2 domain(s) putativ	GO:0006355	regulation of transcription, DNA-templated	2,367319287	0,021346347

Replication, Transcription, and Chromatin Modification	PF3D7_1318400	structural maintenance of chromosomes protein 2	GO:0051301;GO:0051276	cell division;chromosome organization	2,302043104	0,022528364
	PF3D7_1356600	regulator of chromosome condensation putative	N/A	N/A	2,17824082	0,020412047
	PF3D7_0925700	histone deacetylase 1	GO:0016575	histone deacetylation	2,175190147	0,000877569
	PF3D7_1013000	zinc finger protein putative	N/A	N/A	2,147538838	0,040840908
	PF3D7_1314200	telomerase reverse transcriptase	N/A	N/A	2,062587269	0,00929503
	PF3D7_0411900	DNA polymerase alpha catalytic subunit A	N/A	N/A	2,00987268	0,033448901
	PF3D7_1106600	DEAD/DEAH box helicase putative	N/A	N/A	1,830681841	0,010854646
	PF3D7_0411400	DEAD box ATP-dependent RNA helicase putative	N/A	N/A	1,800951101	0,021386543
	PF3D7_0204600	5'-3' exonuclease putative	GO:0000956	nuclear-transcribed mRNA catabolic process	1,559308571	0,048555236

	PF3D7_0510500	topoisomerase I	GO:0006265	DNA topological change	1,431548838	0,005867392
	PF3D7_0711500	regulator of chromosome condensation putative	N/A	N/A	1,35146086	0,042952633
	PF3D7_0420300	transcription factor with AP2 domain(s)	GO:0006355	regulation of transcription, DNA-templated	1,325875648	0,018106973
	PF3D7_0516300	tRNA pseudouridine synthase putative	GO:0009451;GO:0001522	RNA modification;pseudouridine synthesis	1,322049787	0,024607748
	PF3D7_0827800	SET domain protein putative	N/A	N/A	1,116542735	0,029740816
	PF3D7_0308600	pre-mRNA-processing factor 19 putative	GO:0006281;GO:0000398; GO:0007023;GO:0016567; GO:0007021	DNA repair;mRNA splicing, via spliceosome;post-chaperonin tubulin folding pathway;protein ubiquitination;tubulin complex assembly	1,076822201	0,043329245
Sexual Stage Development (Gametocytes / Ookinetes)	PF3D7_1404300	secreted ookinete adhesive protein putative	N/A	N/A	4,460298952	0,001218099
	PF3D7_0320400	oocyst capsule protein	N/A	N/A	3,696350544	0,000598654
	PF3D7_0408600	sporozoite invasion-associated protein 1	N/A	N/A	3,203054022	0,027987226

	PF3D7_0202400	gamete antigen 27/25 putative	N/A	N/A	2,448375922	0,015007902
	PF3D7_0315200	circumsporozoite- and TRAP-related protein	N/A	N/A	2,176648054	0,007299904
	PF3D7_0729100	conserved Plasmodium protein unknown function	GO:0000256	allantoin catabolic process	2,671354491	0,010207204
	PF3D7_1440500	allantoicase putative	GO:0000256	allantoin catabolic process	2,274562744	0,033809873
	PF3D7_0216600	MtN3-like protein	GO:0008643	carbohydrate transport	1,238880247	0,037623616
	PF3D7_0619400	cell division cycle protein 48 homologue putati	GO:0051301	cell division	1,335856952	0,040527129
	PF3D7_0322400	regulator of initiation factor 2 (eIF2)	GO:0051301	cell division	1,224282403	0,040527129
	PF3D7_0923800	thioredoxin reductase	GO:0045454;GO:0055114	cell redox homeostasis;oxidation-reduction process	2,262744002	0,000932498
	PF3D7_0508800	single-stranded DNA-binding protein	GO:0006260	DNA replication	3,860666092	0,009724848
	PF3D7_1145100	coatomer subunit gamma putative	GO:0006886;GO:0016192	intracellular protein transport;vesicle-mediated transport	2,598069449	0,000598654
	PF3D7_1209400	cytosolic iron-sulfur protein assembly protein 1%2	GO:0016226	iron-sulfur cluster assembly	2,773763584	0,017244908
	PF3D7_1330500	conserved Plasmodium protein unknown function	GO:0045721	negative regulation of gluconeogenesis	1,473050386	0,048481532
	PF3D7_1238700	conserved Plasmodium protein unknown function	GO:0051260	protein homooligomerization	3,338699085	0,021346347
	PF3D7_0207800	serine repeat antigen 3	GO:0006508	proteolysis	3,978581662	5,06825E-05
	PF3D7_1136900	subtilisin-like protease 2	GO:0006508	proteolysis	2,563755575	0,007299904
	PF3D7_1235200	V-type K+-independent H+-translocating inorganic p	GO:1902600	proton transmembrane transport	2,545093368	0,010517002
	PF3D7_0526500	conserved Plasmodium protein unknown function	GO:0006396;GO:0006397	RNA processing;mRNA processing	1,103715266	0,030939179
	PF3D7_1132400	conserved Plasmodium membrane protein unknown f	GO:0055085	transmembrane transport	2,682406681	0,001085369

	PF3D7_0112200	multidrug resistance-associated protein 1	GO:0055085;GO:0042908	transmembrane transport;xenobiotic transport	3,007858396	0,002393288
	PF3D7_0407800	conserved Plasmodium protein unknown function	N/A	N/A	6,515979645	0,000328262
	PF3D7_1035300	glutamate-rich protein	N/A	N/A	5,108701806	0,000683122
	PF3D7_1313600	conserved Plasmodium protein unknown function	N/A	N/A	4,992974808	1,30083E-05
	PF3D7_1326600	conserved Plasmodium protein unknown function	N/A	N/A	4,779660285	0,002569602
	PF3D7_0423700	early transcribed membrane protein 4	N/A	N/A	3,758303357	0,000765256
	PF3D7_1023700	conserved Plasmodium protein unknown function	N/A	N/A	3,594793305	0,002391132
	PF3D7_1326500	conserved Plasmodium protein unknown function	N/A	N/A	3,410412136	0,001431145
	PF3D7_0508900	conserved Plasmodium protein unknown function	N/A	N/A	3,370516148	0,001966138
	PF3D7_1146800	conserved Plasmodium protein unknown function	N/A	N/A	3,286225181	0,016510923
	PF3D7_1301200	glycophorin binding protein	N/A	N/A	3,27217886	0,006179259
	PF3D7_1362700	conserved Plasmodium protein unknown function	N/A	N/A	3,223555801	0,008769271
	PF3D7_0927600	RNA-binding protein putative	N/A	N/A	3,125679891	0,021539238
	PF3D7_1141100	conserved Plasmodium protein unknown function	N/A	N/A	3,120522895	0,001085369
	PF3D7_0414700	GTP-binding protein putative	N/A	N/A	3,086545098	0,039337152
	PF3D7_1019700	conserved Plasmodium protein unknown function	N/A	N/A	3,016041161	0,022380124
	PF3D7_0424200	reticulocyte binding protein homologue 4	N/A	N/A	2,972952837	0,007299904
	PF3D7_0811600	conserved Plasmodium protein unknown function	N/A	N/A	2,939530161	0,002827102
	PF3D7_0307900	conserved Plasmodium protein unknown function	N/A	N/A	2,892671341	0,012024356
	PF3D7_0903300	conserved Plasmodium membrane protein unknown f	N/A	N/A	2,849972309	0,021539238
	PF3D7_1014300	conserved protein unknown function	N/A	N/A	2,80027032	0,000159918

Unassigned genes	PF3D7_1322400	conserved Plasmodium protein unknown function	N/A	N/A	2,781254001	0,018724994
	PF3D7_0321100	conserved Plasmodium protein unknown function	N/A	N/A	2,757273954	0,02514875
	PF3D7_1322300	conserved Plasmodium protein unknown function	N/A	N/A	2,75468849	0,033545112
	PF3D7_1415600	conserved Plasmodium protein unknown function	N/A	N/A	2,706019606	0,009187573
	PF3D7_1423500	conserved Plasmodium protein unknown function	N/A	N/A	2,604364413	0,002391132
	PF3D7_1474000	probable protein unknown function	N/A	N/A	2,578988	0,022528364
	PF3D7_0915500	conserved Plasmodium protein unknown function	N/A	N/A	2,577572337	0,028091538
	PF3D7_0522100	conserved Plasmodium protein unknown function	N/A	N/A	2,482465909	0,021346347
	PF3D7_1328000	conserved Plasmodium protein unknown function	N/A	N/A	2,477987365	0,011599884
	PF3D7_1221700	FbpA domain protein putative	N/A	N/A	2,475735329	0,039337152
	PF3D7_0404500	6-cysteine protein	N/A	N/A	2,440034538	0,007001734
	PF3D7_0411800	conserved Plasmodium protein unknown function	N/A	N/A	2,400906859	0,042557726
	PF3D7_0103400	zinc-carboxypeptidase putative	N/A	N/A	2,368567037	0,00167544
	PF3D7_0914900	BSD-domain protein putative	N/A	N/A	2,360115311	0,001270395
	PF3D7_1310700	RNA-binding protein putative	N/A	N/A	2,325730011	0,033516759
	PF3D7_1314000	conserved Plasmodium protein unknown function	N/A	N/A	2,32430752	0,049211024
	PF3D7_1449200	conserved Plasmodium protein unknown function	N/A	N/A	2,313776082	0,02066629
	PF3D7_1317700	conserved Plasmodium protein unknown function	N/A	N/A	2,228041004	0,013261644
	PF3D7_1218000	thrombospondin-related apical membrane protein	N/A	N/A	2,15569181	0,043329245
	PF3D7_1328500	alpha/beta-hydrolase putative	N/A	N/A	2,154192996	0,008617557
	PF3D7_1131800	oxysterol-binding protein putative	N/A	N/A	2,103355448	0,026577172
	PF3D7_0926500	conserved Plasmodium protein unknown function	N/A	N/A	2,102087354	0,039877558

	PF3D7_0305100	conserved Plasmodium protein unknown function	N/A	N/A	2,088017136	0,019394125
	PF3D7_1009500	metalloprotease putative	N/A	N/A	2,075103323	0,043329245
	PF3D7_1442400	conserved Plasmodium protein unknown function	N/A	N/A	2,074342061	0,004687285
	PF3D7_0920400	conserved Plasmodium protein unknown function	N/A	N/A	2,053677482	0,014941035
	PF3D7_0410700	ribosome biogenesis GTPase A putative	N/A	N/A	2,006043715	0,041311933
	PF3D7_0531000	conserved Plasmodium protein unknown function	N/A	N/A	1,998657779	0,027989859
	PF3D7_0723300	conserved Plasmodium protein unknown function	N/A	N/A	1,998185073	0,00154775
	PF3D7_1448300	conserved Plasmodium protein unknown function	N/A	N/A	1,995456767	0,002240249
	PF3D7_0620000	conserved Plasmodium protein unknown function	N/A	N/A	1,973630028	0,030601773
	PF3D7_1019100	conserved Plasmodium protein unknown function	N/A	N/A	1,963002726	0,045649949
	PF3D7_1016900	early transcribed membrane protein 10.3	N/A	N/A	1,960766699	0,029158625
	PF3D7_1335300	reticulocyte binding protein 2 homologue b	N/A	N/A	1,95207662	0,027987226
	PF3D7_1466200	conserved Plasmodium protein unknown function	N/A	N/A	1,915706233	0,018951068
	PF3D7_1418800	signal recognition particle RNA	N/A	N/A	1,896898132	0,047664696
	PF3D7_0526600	conserved Plasmodium protein unknown function	N/A	N/A	1,872513879	0,040527129
	PF3D7_0629400	RNA-binding protein putative	N/A	N/A	1,851439003	0,048555236
	PF3D7_1455300	conserved Plasmodium protein unknown function	N/A	N/A	1,839812156	0,028230984
	PF3D7_1474200	conserved Plasmodium membrane protein unknown f	N/A	N/A	1,818808204	0,040527129
	PF3D7_1355600	conserved Plasmodium protein unknown function	N/A	N/A	1,81713771	0,034658049
	PF3D7_1348400	conserved Plasmodium membrane protein unknown f	N/A	N/A	1,75385257	0,040840908
	PF3D7_1243900	double C2-like domain-containing protein	N/A	N/A	1,73454416	0,043329245

	PF3D7_1227600	cyclin related protein putative	N/A	N/A	1,729588063	0,022380124
	PF3D7_0104600	conserved Plasmodium protein unknown function	N/A	N/A	1,710115895	0,030601773
	PF3D7_1317300	conserved Plasmodium protein unknown function	N/A	N/A	1,70395726	0,017244908
	PF3D7_1343300	conserved Plasmodium protein unknown function	N/A	N/A	1,699672192	0,027846213
	PF3D7_1013200	conserved Plasmodium protein unknown function	N/A	N/A	1,655029227	0,010854646
	PF3D7_1305900	conserved Plasmodium protein unknown function	N/A	N/A	1,654493659	0,047251705
	PF3D7_0307700	conserved Plasmodium protein unknown function	N/A	N/A	1,649099955	0,043661457
	PF3D7_0520800	conserved Plasmodium protein unknown function	N/A	N/A	1,636809878	0,037623616
	PF3D7_1003600	inner membrane complex protein 1c putative	N/A	N/A	1,625941328	0,048933745
	PF3D7_0304000	inner membrane complex protein 1a putative	N/A	N/A	1,615768762	0,045163631
	PF3D7_1344100	krox-like protein putative	N/A	N/A	1,614067937	0,04718274
	PF3D7_0104200	StAR-related lipid transfer protein	N/A	N/A	1,610709387	0,021922258
	PF3D7_1327300	conserved Plasmodium protein unknown function	N/A	N/A	1,554821211	0,033448901
	PF3D7_0504800	conserved Plasmodium protein unknown function	N/A	N/A	1,545391142	0,046757926
	PF3D7_1359600	conserved Plasmodium protein unknown function	N/A	N/A	1,414392322	0,044202955
	PF3D7_0627600	conserved Plasmodium protein unknown function	N/A	N/A	1,411962887	0,040840908
	PF3D7_0923400	conserved Plasmodium protein unknown function	N/A	N/A	1,401810898	0,021514754
	PF3D7_1354900	conserved Plasmodium protein unknown function	N/A	N/A	1,387786846	0,028831454
	PF3D7_0703200	conserved Plasmodium protein unknown function	N/A	N/A	1,361058336	0,043329245
	PF3D7_1237500	conserved Plasmodium protein unknown function	N/A	N/A	1,250895211	0,047712271

	PF3D7_1140800	conserved Plasmodium protein unknown function	N/A	N/A	1,226020502	0,040527129
	PF3D7_0506500	conserved Plasmodium protein unknown function	N/A	N/A	1,139978387	0,047712271

DNA Dynamics and Transcription	PF3D7_1006800	single-strand telomeric DNA-binding protein GBP2%2	N/A	N/A	-1,11284192	0,040840908
	PF3D7_1314900	general transcription factor IIH subunit 2	GO:0006281;GO:0006289; GO:0006351	DNA repair;nucleotide-excision repair;transcription, DNA-templated	-1,203406959	0,031816209
	PF3D7_0320900	histone H2A variant putative	N/A	N/A	-1,223529056	0,048933745
	PF3D7_1343400	DNA repair protein RAD5 putative	N/A	N/A	-1,234172518	0,036333116
	PF3D7_0110400	DNA-directed RNA polymerase II subunit RPB9 put	GO:0006379;GO:0006351	mRNA cleavage;transcription, DNA-templated	-1,259781308	0,04291599
	PF3D7_1033600	myb2 transcription factor putative	GO:0008380;GO:0006397	RNA splicing;mRNA processing	-1,299918233	0,015252056
	PF3D7_1115500	transcription factor with AP2 domain(s) putativ	GO:0006355	regulation of transcription, DNA-templated	-1,475158431	0,027846213
	PF3D7_1433500	DNA topoisomerase 2	GO:0006259;GO:0006265	DNA metabolic process;DNA topological change	-1,531287659	0,00167544
	PF3D7_1364800	DNA-directed RNA polymerases I II and III su	GO:0006351	transcription, DNA-templated	-1,698387329	0,005145856
	PF3D7_1006200	DNA/RNA-binding protein Alba 3	N/A	N/A	-1,922775137	0,003888889
	PF3D7_0205500	DNA-directed RNA polymerase II 16 kDa subunit p	GO:0006352;GO:0044237	DNA-templated transcription, initiation;cellular metabolic process	-2,827726115	0,002473244
	PF3D7_1037600	DNA repair helicase RAD25 putative	GO:0006289;GO:0006367	nucleotide-excision repair;transcription initiation from RNA polymerase II promoter	-2,898349711	0,000124641
	PF3D7_0502400	merozoite surface protein 8	N/A	N/A	-1,197093167	0,04567814
	PF3D7_1002000	Plasmodium exported protein (hyp2) unknown func	N/A	N/A	-1,322036251	0,027145337
	PF3D7_1149200	ring-infected erythrocyte surface antigen	N/A	N/A	-1,357164777	0,029740816

Exported and Surface Proteins	PF3D7_0206800	merozoite surface protein 2	GO:0007155	cell adhesion	-1,36364772	0,046197178
	PF3D7_1201400	Plasmodium exported protein unknown function	N/A	N/A	-1,554117507	0,034401626
	PF3D7_1148800	Plasmodium exported protein (hyp11) unknown fun	N/A	N/A	-1,587233805	0,026701656
	PF3D7_0301800	Plasmodium exported protein unknown function	N/A	N/A	-1,692965367	0,020370827
	PF3D7_1038000	antigen UB05	N/A	N/A	-1,719996743	0,006302634
	PF3D7_0304600	circumsporozoite (CS) protein	N/A	N/A	-1,967406699	0,04291599
	PF3D7_1463500	fam-a protein	N/A	N/A	-2,360490037	0,003888889
	PF3D7_0631600	exported protein family 4	N/A	N/A	-9,988295388	6,17132E-08
	PF3D7_0601000	exported protein family 4	N/A	N/A	-0,290649214	0,020441746
	PF3D7_0726500	ubiquitin carboxyl-terminal hydrolase putative	GO:0016579;GO:0006511	protein deubiquitination;ubiquitin-dependent protein catabolic process	-1,105990012	0,029381577
	PF3D7_0104300	ubiquitin carboxyl-terminal hydrolase 1 putativ	GO:0006511	ubiquitin-dependent protein catabolic process	-1,143355882	0,031544699
	PF3D7_0305700	ubiquitin-conjugating enzyme E2 putative	N/A	N/A	-1,150534103	0,041851304
	PF3D7_1203900	ubiquitin-conjugating enzyme E2	N/A	N/A	-1,180178176	0,040527129
	PF3D7_0803000	peptidyl-prolyl cis-trans isomerase	GO:0006397;GO:0000413	mRNA processing;protein peptidyl-prolyl isomerization	-1,195084975	0,031816209
	PF3D7_0514600	ribose-5-phosphate isomerase putative	GO:0009052	pentose-phosphate shunt, non-oxidative branch	-1,254604155	0,044699098
	PF3D7_0527100	ubiquitin-conjugating enzyme E2 N putative	N/A	N/A	-1,310447746	0,043329245
	PF3D7_1113400	ubiquitin domain-containing protein DSK2 putati	N/A	N/A	-1,499046776	0,004687285

Homeostasis and Stress	PF3D7_0727400	proteasome subunit alpha type-5 putative	GO:0043161;GO:0051603; GO:0006511	proteasome-mediated ubiquitin-dependent protein catabolic process;proteolysis involved in cellular protein catabolic process;ubiquitin-dependent protein catabolic process	-1,521832763	0,020412047
	PF3D7_1460400	ubiquitin carboxyl-terminal hydrolase isozyme L3	GO:0006511	ubiquitin-dependent protein catabolic process	-1,647139108	0,02137443
	PF3D7_1427200	selenoprotein	N/A	N/A	-1,913482511	0,043329245
	PF3D7_0909300	apoptosis-related protein	N/A	N/A	-1,982992984	0,006361272
	PF3D7_0623500	superoxide dismutase [Fe]	GO:0055114;GO:0006801	oxidation-reduction process;superoxide metabolic process	-2,448941986	0,002240249
	PF3D7_0109600	cold-shock protein putative	N/A	N/A	-2,475161721	0,004687285
	PF3D7_0501100	heat shock protein 40 type II	GO:0006457	protein folding	-2,53860734	6,63861E-05
RNA Metabolism and Splicing	PF3D7_1407300	pre-mRNA-splicing factor 38B putative	GO:0008380;GO:0006397	RNA splicing;mRNA processing	-0,949471699	0,034807597
	PF3D7_0503300	serine/arginine-rich splicing factor 12	N/A	N/A	-1,177390255	0,04263524
	PF3D7_1133800	RNA (uracil-5-)methyltransferase putative	GO:0006396	RNA processing	-1,180830169	0,022380124
	PF3D7_1414800	small nuclear ribonucleoprotein-associated protein	N/A	N/A	-1,237175341	0,036975048
	PF3D7_0623100	nuclear polyadenylated RNA-binding protein NAB2	GO:1900364;GO:0043488	negative regulation of mRNA polyadenylation;regulation of mRNA stability	-1,255861754	0,022380124
	PF3D7_1119300	splicing factor U2AF small subunit putative	GO:0000398	mRNA splicing, via spliceosome	-1,353724353	0,011599884
	PF3D7_1439100	DEAD/DEAH box helicase putative	N/A	N/A	-1,497382272	0,037623616
	PF3D7_1445600	RNA-binding protein putative	N/A	N/A	-1,521026969	0,029381577
	PF3D7_0205700	RNA-binding protein putative	N/A	N/A	-1,54910086	0,048933745

	PF3D7_1465300	tRNA 3'-trailer sequence RNase putative	N/A	N/A	-1,56832483	0,018958326
	PF3D7_0309800	YTH domain-containing protein putative	N/A	N/A	-1,596657478	0,011865847
	PF3D7_0722500	pre-mRNA-splicing factor CWC15 putative	GO:0000398	mRNA splicing, via spliceosome	-1,62166865	0,010882188
	PF3D7_0610100	pre-mRNA-splicing factor SLU7 putative	GO:0000398	mRNA splicing, via spliceosome	-1,736655651	0,004123577
	PF3D7_0929200	RNA-binding protein putative	N/A	N/A	-1,849956423	0,00902473
	PF3D7_0916600	methyltransferase putative	N/A	N/A	-2,105422963	0,022380124
	PF3D7_1320900	RNA-binding protein putative	N/A	N/A	-2,219460687	0,007959863
	PF3D7_1348200	step II splicing factor putative	GO:0000398	mRNA splicing, via spliceosome	-2,351628651	0,007299904
	PF3D7_0720000	exosome complex component CSL4 putative	GO:0006396	RNA processing	-2,486112707	0,002471735
	PF3D7_1423800	vacuolar protein sorting-associated protein 3 p	GO:0016192	vesicle-mediated transport	-1,103507393	0,046508342
	PF3D7_0419600	ran-specific GTPase-activating protein 1 putati	GO:0046907;GO:0043547	intracellular transport;positive regulation of GTPase activity	-1,119526217	0,037543986
	PF3D7_1114700	serine/threonine protein kinase putative	GO:0006468	protein phosphorylation	-1,151311872	0,025109146
	PF3D7_0714300	palmitoyltransferase DHHC4 putative	N/A	N/A	-1,164595462	0,033809873
	PF3D7_1002100	EMP1-trafficking protein	N/A	N/A	-1,240185736	0,019743865
	PF3D7_1365700	SNARE associated Golgi protein putative	N/A	N/A	-1,283023092	0,048288598
	PF3D7_0818200	14-3-3 protein	N/A	N/A	-1,430426406	0,016942418
	PF3D7_1138500	protein phosphatase 2C	GO:0006470	protein dephosphorylation	-1,550594756	0,007951166
	PF3D7_0629900	sec14-like cytosolic factor or phosphatidylinosito	N/A	N/A	-1,697920192	0,002270461

Signaling and Transport	PF3D7_1361100	protein transport protein Sec24A	GO:0006888;GO:0006886	endoplasmic reticulum to Golgi vesicle-mediated transport;intracellular protein transport	-1,799015651	0,000877569
	PF3D7_0934800	cAMP-dependent protein kinase catalytic subunit	GO:0006468	protein phosphorylation	-1,892132838	0,043329245
	PF3D7_0713400	serpentine receptor putative	N/A	N/A	-1,918988893	0,006964473
	PF3D7_0609800	palmitoyltransferase DHHC2 putative	N/A	N/A	-1,98329984	0,013900021
	PF3D7_0709000	chloroquine resistance transporter	GO:0042908	xenobiotic transport	-2,219427148	0,003349061
	PF3D7_1136500	casein kinase 1	GO:0006468	protein phosphorylation	-2,494117657	0,009970204
	PF3D7_1115900	palmitoyltransferase DHHC9	N/A	N/A	-2,5114225	0,005867392
	PF3D7_0108400	mitochondrial carrier protein putative	N/A	N/A	-2,527935799	0,021346347
	PF3D7_1476400	serine/threonine protein kinase FIKK family	N/A	N/A	-2,546504207	0,006179259
	PF3D7_0301200	serine/threonine protein kinase FIKK family	GO:0006468	protein phosphorylation	-2,842801244	0,001085369
	PF3D7_1027900	palmitoyltransferase DHHC10 putative	N/A	N/A	-2,919538649	0,004796232
	PF3D7_1362100	14-3-3 protein	N/A	N/A	-3,006225903	0,017787473
	PF3D7_0609100	zinc transporter ZIP1 putative	GO:0030001;GO:0055085	metal ion transport;transmembrane transport	-3,300073154	2,05629E-05
	PF3D7_0910600	SNARE protein	GO:0016192	vesicle-mediated transport	-3,594128412	0,002391132
	PF3D7_1123400	translation elongation factor EF-1 subunit alph	N/A	N/A	-1,01867347	0,026267147
	PF3D7_1341200	60S ribosomal protein L18 putative	GO:0006412	translation	-1,124688402	0,043020466
	PF3D7_1317800	40S ribosomal protein S19	GO:0006412	translation	-1,131666423	0,021514754
	PF3D7_1242700	40S ribosomal protein S17 putative	GO:0006412	translation	-1,134795394	0,047268411

Translation and Ribosome Biogenesis	PF3D7_1424100	60S ribosomal protein L5 putative	GO:0006412	translation	-1,152588191	0,019242776
	PF3D7_1460700	60S ribosomal protein L27	GO:0006412	translation	-1,195350398	0,04263524
	PF3D7_1338300	elongation factor 1-gamma putative	GO:0006414	translational elongation	-1,223183949	0,016434568
	PF3D7_1244800	cytoplasmic translation machinery associated prote	N/A	N/A	-1,300167867	0,013239267
	PF3D7_1142500	60S ribosomal protein L28	GO:0006412	translation	-1,328514111	0,029381577
	PF3D7_0814000	60S ribosomal protein L13-2 putative	GO:0006412	translation	-1,331190321	0,012661087
	PF3D7_1426000	60S ribosomal protein L21	GO:0006412	translation	-1,33138081	0,029740816
	PF3D7_0503800	60S ribosomal protein L31	GO:0006412	translation	-1,332867578	0,024324363
	PF3D7_1414300	60S ribosomal protein L10 putative	GO:0006412	translation	-1,344706117	0,017787473
	PF3D7_1143400	translation initiation factor eIF-1A putative	GO:0006413	translational initiation	-1,375349666	0,019434015
	PF3D7_0322900	40S ribosomal protein S3A putative	GO:0006412	translation	-1,394940878	0,015252056
	PF3D7_0317600	40S ribosomal protein S11 putative	GO:0006412	translation	-1,429712611	0,017956983
	PF3D7_1331800	60S ribosomal protein L23 putative	GO:0006412	translation	-1,431179891	0,019434015
	PF3D7_0312800	60S ribosomal protein L26 putative	GO:0006412	translation	-1,460138587	0,018106973
	PF3D7_1004000	60S ribosomal protein L13 putative	GO:0006412	translation	-1,50370556	0,020412047
	PF3D7_1105400	40S ribosomal protein S4 putative	GO:0006412	translation	-1,50897663	0,004345815
	PF3D7_1144000	40S ribosomal protein S21	GO:0006412	translation	-1,52916788	0,006361272
	PF3D7_1465900	40S ribosomal protein S3	GO:0006412	translation	-1,533583158	0,006179259
	PF3D7_0304400	60S ribosomal protein L44	GO:0006412	translation	-1,548663445	0,036449864

	PF3D7_0528200	eukaryotic translation initiation factor 3 subunit	GO:0001732	formation of cytoplasmic translation initiation complex	-1,559087691	0,012516853
	PF3D7_0621800	nascent polypeptide-associated complex subunit alp	N/A	N/A	-1,597234411	0,002086713
	PF3D7_0422400	40S ribosomal protein S19	GO:0006412	translation	-1,615830264	0,00513642
	PF3D7_0716800	eukaryotic translation initiation factor 3 subunit	GO:0001732	formation of cytoplasmic translation initiation complex	-1,633008201	0,005984697
	PF3D7_0307100	40S ribosomal protein S12 putative	GO:0006412	translation	-1,633448327	0,022162398
	PF3D7_1408600	40S ribosomal protein S8e putative	GO:0006412	translation	-1,64622491	0,004301051
	PF3D7_0903900	60S ribosomal protein L32	GO:0006412	translation	-1,647632987	0,002391132
	PF3D7_0316800	40S ribosomal protein S15A putative	GO:0006412	translation	-1,754060072	0,002240249
	PF3D7_0710600	60S ribosomal protein L34	GO:0006412	translation	-1,807842059	0,000765256
	PF3D7_0815600	eukaryotic translation initiation factor 3 subunit	GO:0001732	formation of cytoplasmic translation initiation complex	-1,810263118	0,00184124
	PF3D7_1243600	translation initiation factor SUI1 putative	GO:0006413	translational initiation	-1,814702377	0,009805268
	PF3D7_1351400	60S ribosomal protein L17 putative	GO:0006412	translation	-1,945906582	0,001085369
	PF3D7_1308300	40S ribosomal protein S27	GO:0006412	translation	-1,972444786	0,0099575
	PF3D7_1431700	60S ribosomal protein L14 putative	GO:0006412	translation	-2,04501061	0,000765256
	PF3D7_0520000	40S ribosomal protein S9 putative	GO:0006412	translation	-2,064291961	0,001875927
	PF3D7_1323400	60S ribosomal protein L23	GO:0006412	translation	-2,073724812	0,002590299
	PF3D7_0727200	cysteine desulfurase putative	GO:0044571	[2Fe-2S] cluster assembly	-1,262670407	0,030601773
	PF3D7_0720700	phosphoinositide-binding protein putative	GO:0006886	intracellular protein transport	-1,163261953	0,022380124
	PF3D7_0617100	AP-2 complex subunit alpha putative	GO:0006886;GO:0016192	intracellular protein transport;vesicle-mediated transport	-2,042290004	0,003423893

	PF3D7_0209100	phospholipase A2 putative	GO:0016042;GO:0006629	lipid catabolic process;lipid metabolic process	-1,536459463	0,00564887
	PF3D7_0409300	conserved Plasmodium protein unknown function	GO:0032259	methylation	-1,553690563	0,040527129
	PF3D7_1022100	conserved Plasmodium protein unknown function	GO:0032259	methylation	-1,810135678	0,015359358
	PF3D7_1018600	conserved Plasmodium protein unknown function	GO:0032259;GO:0008033	methylation;tRNA processing	-1,635630171	0,004053849
	PF3D7_0422300	alpha tubulin 2	GO:0007017	microtubule-based process	-1,162518542	0,013640828
	PF3D7_0819000	conserved Plasmodium protein unknown function	GO:0006379;GO:0006378	mRNA cleavage;mRNA polyadenylation	-1,559122313	0,006179259
	PF3D7_0919000	nucleosome assembly protein	GO:0006334	nucleosome assembly	-1,339836547	0,019761601
	PF3D7_1367500	NADH-cytochrome b5 reductase putative	GO:0055114	oxidation-reduction process	-1,714192967	0,027846213
	PF3D7_1321800	protein transport protein SFT2 putative	GO:0015031;GO:0016192	protein transport;vesicle-mediated transport	-1,246519965	0,040840908
	PF3D7_1411200	rhomboid protease ROM8	GO:0006508	proteolysis	-1,251663893	0,010207204
	PF3D7_0214400	conserved Plasmodium protein unknown function	GO:0042274	ribosomal small subunit biogenesis	-1,188370196	0,034658049
	PF3D7_1110200	pre-mRNA-processing factor 6 putative	GO:0006396;GO:0000398	RNA processing;mRNA splicing, via spliceosome	-1,44451194	0,007951166
	PF3D7_1250700	conserved Plasmodium protein unknown function	GO:0006367	transcription initiation from RNA polymerase II promoter	-2,102129284	0,008011926
	PF3D7_1315900	exportin-T putative	GO:0006409;GO:0071528	tRNA export from nucleus;tRNA re-export from nucleus	-1,250003643	0,034658049
	PF3D7_1249100	conserved Plasmodium protein unknown function	GO:0006400	tRNA modification	-1,280623202	0,0195185
	PF3D7_1025000	formin 2 putative	N/A	N/A	-1,135924008	0,043329245
	PF3D7_1447200	conserved Plasmodium protein unknown function	N/A	N/A	-1,174834926	0,023090237
	PF3D7_1028500	conserved Plasmodium protein unknown function	N/A	N/A	-1,20430946	0,047359302
	PF3D7_0321900	cyclic amine resistance locus protein	N/A	N/A	-1,245078539	0,046144727
	PF3D7_0615600	conserved Plasmodium protein unknown function	N/A	N/A	-1,268096776	0,043329245
	PF3D7_1121100	conserved Plasmodium protein unknown function	N/A	N/A	-1,298795404	0,043661457

Unassigned genes	PF3D7_0305300	conserved Plasmodium membrane protein unknown f	N/A	N/A	-1,302432278	0,039877558
	PF3D7_0817900	high mobility group protein B2	N/A	N/A	-1,325334481	0,020412047
	PF3D7_0830400	conserved Plasmodium protein unknown function	N/A	N/A	-1,356494886	0,022862716
	PF3D7_1110300	conserved Plasmodium protein unknown function	N/A	N/A	-1,363096361	0,015284118
	PF3D7_0322700	conserved Plasmodium protein unknown function	N/A	N/A	-1,380918448	0,015889808
	PF3D7_0209700	RING zinc finger protein putative	N/A	N/A	-1,419472275	0,010207204
	PF3D7_1233600	asparagine and aspartate rich protein 1	N/A	N/A	-1,428660223	0,021539238
	PF3D7_1474600	conserved Plasmodium membrane protein unknown f	N/A	N/A	-1,438558489	0,007167424
	PF3D7_0505900	conserved Plasmodium protein unknown function	N/A	N/A	-1,454143289	0,043661457
	PF3D7_0918700	conserved Plasmodium protein unknown function	N/A	N/A	-1,455444518	0,007951166
	PF3D7_1251100	conserved Plasmodium protein unknown function	N/A	N/A	-1,495128862	0,034658049
	PF3D7_1138700	conserved Plasmodium protein unknown function	N/A	N/A	-1,507916524	0,007299904
	PF3D7_0508600	conserved Plasmodium protein unknown function	N/A	N/A	-1,51200661	0,023090237
	PF3D7_1250200	conserved Plasmodium membrane protein unknown f	N/A	N/A	-1,528854113	0,007299904
	PF3D7_1013400	conserved Plasmodium protein unknown function	N/A	N/A	-1,537329985	0,040527129
	PF3D7_0912500	SAP domain-containing protein putative	N/A	N/A	-1,628507769	0,004536048
	PF3D7_1218400	triose or hexose phosphate/phosphate translocator%	N/A	N/A	-1,654663118	0,003412973
	PF3D7_1002900	conserved Plasmodium protein unknown function	N/A	N/A	-1,698461245	0,031544699
	PF3D7_1445700	conserved Plasmodium protein unknown function	N/A	N/A	-1,769296358	0,002636373
	PF3D7_0934900	conserved Plasmodium protein unknown function	N/A	N/A	-1,792289082	0,022380124

	PF3D7_1319400	conserved Plasmodium protein unknown function	N/A	N/A	-1,808725972	0,007900869
	PF3D7_0829100	conserved protein unknown function	N/A	N/A	-1,831201589	0,019434015
	PF3D7_1466600	conserved Plasmodium protein unknown function	N/A	N/A	-1,879859363	0,044970584
	PF3D7_0216200	conserved Plasmodium protein unknown function	N/A	N/A	-1,903960025	0,015359358
	PF3D7_0818600	BEM46-like protein putative	N/A	N/A	-1,930205896	0,016291953
	PF3D7_1113200	conserved Plasmodium protein unknown function	N/A	N/A	-1,932572865	0,041223375
	PF3D7_1247100	conserved Plasmodium protein unknown function	N/A	N/A	-1,982477316	0,04291599
	PF3D7_0724500	conserved Plasmodium protein unknown function	N/A	N/A	-2,042865547	0,047268411
	PF3D7_1234500	conserved Plasmodium protein unknown function	N/A	N/A	-2,05467992	0,014785595
	PF3D7_1204500	conserved Plasmodium protein unknown function	N/A	N/A	-2,077025686	0,027987226
	PF3D7_1432900	SF-assemblin putative	N/A	N/A	-2,131795486	0,028230984
	PF3D7_0404800	conserved Plasmodium protein unknown function	N/A	N/A	-2,137745229	0,048555236
	PF3D7_1109400	essential nuclear protein 1 putative	N/A	N/A	-2,31629953	0,000176083
	PF3D7_0823100	RWD domain-containing protein putative	N/A	N/A	-2,339921115	0,006179259
	PF3D7_1333400	conserved protein unknown function	N/A	N/A	-2,354696823	0,010186438
	PF3D7_0517200	conserved Plasmodium protein unknown function	N/A	N/A	-2,660574293	0,000765256
	PF3D7_1465400	conserved Plasmodium protein unknown function	N/A	N/A	-2,734658756	0,000873286
	PF3D7_0822400	conserved Plasmodium protein unknown function	N/A	N/A	-2,761599778	0,028584315
	PF3D7_0911800	conserved Plasmodium protein unknown function	N/A	N/A	-2,844154799	0,003136903
	PF3D7_1251000	conserved Plasmodium protein unknown function	N/A	N/A	-2,970902572	0,04291599
	PF3D7_0822500	dynein light chain 1	N/A	N/A	-3,678924167	0,022380124

	PF3D7_0919000	nucleosome assembly protein	GO:0006334	nucleosome assembly	-1,339836547	0,019761601
	PF3D7_1367500	NADH-cytochrome b5 reductase putative	GO:0055114	oxidation-reduction process	-1,714192967	0,027846213
	PF3D7_1321800	protein transport protein SFT2 putative	GO:0015031;GO:0016192	protein transport;vesicle-mediated transport	-1,246519965	0,040840908
	PF3D7_1411200	rhomboid protease ROM8	GO:0006508	proteolysis	-1,251663893	0,010207204
	PF3D7_0214400	conserved Plasmodium protein unknown function	GO:0042274	ribosomal small subunit biogenesis	-1,188370196	0,034658049
	PF3D7_1110200	pre-mRNA-processing factor 6 putative	GO:0006396;GO:0000398	RNA processing;mRNA splicing, via spliceosome	-1,44451194	0,007951166
	PF3D7_1250700	conserved Plasmodium protein unknown function	GO:0006367	transcription initiation from RNA polymerase II promoter	-2,102129284	0,008011926
	PF3D7_1315900	exportin-T putative	GO:0006409;GO:0071528	tRNA export from nucleus;tRNA re-export from nucleus	-1,250003643	0,034658049
	PF3D7_1249100	conserved Plasmodium protein unknown function	GO:0006400	tRNA modification	-1,280623202	0,0195185

Supplementary Table III : Liste of genes significantly regulated after ACT treatment in 8 *Plasmodium falciparum* isolates (5 pre-treatment, H0; 3 post-treatment, H18). Columns indicate: proposed functional group, Gene ID, gene description, GO term for Biological Process, GO Biological Process description, log_2 fold change (H18 vs H0) and padj (H18 vs H0). Genes upregulated ($log_2FC > 1$, padj < 0.05) are highlighted in red, and downregulated genes ($log_2FC < -1$, padj < 0.05) are highlighted in green.