

Most Expressed *Plasmodium falciparum* Genes

PF3D7_1216600 cell traversal protein for ookinetes and sporozoites
PF3D7_0304600 circumsporozoite (CS) protein
PF3D7_0104000 thrombospondin-related sporozoite protein
PF3D7_1137800 sporozoite surface protein essential for liver stage development putative
PF3D7_1335900 thrombospondin-related anonymous protein
PF3D7_0723300 conserved Plasmodium protein unknown function
PF3D7_1449000 gamete egress and sporozoite traversal protein putative
PF3D7_1023800 conserved Plasmodium protein unknown function
PF3D7_1342500 sporozoite protein essential for cell traversal
PF3D7_0616500 TRAP-like protein
PF3D7_1354700 conserved Plasmodium protein unknown function
PF3D7_1361800 glideosome-associated connector
PF3D7_1238000 COPI associated protein putative
PF3D7_1335800 conserved Plasmodium protein unknown function
PF3D7_1333100 conserved Plasmodium protein unknown function
PF3D7_1116900 conserved Plasmodium protein unknown function
PF3D7_0408700 perforin-like protein 1
PF3D7_1211000 kinesin-7 putative
PF3D7_1236700 S-adenosyl-methyltransferase putative
PF3D7_1131700 conserved Plasmodium protein unknown function

Most Expressed *Plasmodium cynomolgi* Genes

PcyM_0839700 circumsporozoite (CS) protein
PcyM_1436900 cell traversal protein for ookinetes and sporozoites
PcyM_0942900 sporozoite surface protein essential for liver stage development putative
PcyM_0602900 conserved Plasmodium protein unknown function
PcyM_0503600 early transcribed membrane protein
PcyM_1414300 conserved Plasmodium protein unknown function
PcyM_0614700 conserved Plasmodium protein unknown function
PcyM_1266400 gamete egress and sporozoite traversal protein putative
PcyM_1214100 sporozoite protein essential for cell traversal putative
PcyM_1308000 conserved Plasmodium protein unknown function
PcyM_0602100 early transcribed membrane protein
PcyM_1317200 conserved Plasmodium protein unknown function
PcyM_1132800 histone H3 variant putative
PcyM_1466900 translation initiation factor SUI1 putative
PcyM_1436800 male development gene 1 putative
PcyM_0533400 conserved Plasmodium protein unknown function
PcyM_0502900 sporozoite invasion-associated protein 2 putative
PcyM_1221400 thrombospondin-related anonymous protein putative
PcyM_0733400 profilin putative
PcyM_0323600 conserved Plasmodium protein unknown function

Most Expressed *Plasmodium knowlesi* Genes

Most Expressed *Plasmodium berghei* Genes

PBANKA_0403200 circumsporozoite (CS) protein
PBANKA_1432300 cell traversal protein for ookinetes and sporozoites
PBANKA_1312700 gamete egress and sporozoite traversal protein
PBANKA_1349800 thrombospondin-related anonymous protein
PBANKA_1465051 Plasmodium exported protein unknown function
PBANKA_1349300 conserved Plasmodium protein unknown function
PBANKA_0501200 early transcribed membrane protein
PBANKA_0921200 conserved Plasmodium protein unknown function
PBANKA_1400800 protein UIS3
PBANKA_0921100 tRNA (guanine-N(7)-)-methyltransferase putative
PBANKA_1349700 conserved Plasmodium protein unknown function
PBANKA_0910900 sporozoite surface protein essential for liver stage development
PBANKA_1411000 conserved Plasmodium protein unknown function
PBANKA_1355600 sporozoite protein essential for cell traversal
PBANKA_1006300 perforin-like protein 1
PBANKA_1128100 phospholipase
PBANKA_0510700 conserved Plasmodium protein unknown function
PBANKA_1107600 6-cysteine protein
PBANKA_0711900 heat shock protein 70
PBANKA_1328000 serine/threonine protein phosphatase UIS2

Average Expression		
<i>P. falciparum</i>	<i>P. cynomolgi</i>	<i>P. berghei</i>
7.16678327557	4.539820553292	4.801920433594
6.25586999391	5.741777234183	4.982312205573
3.31326093659	0.319575273084	1.754695512
2.79047739734	3.388942053181	2.877385288
2.14777888958	0.748402125225	4.6202286194
2.12077229295	0.675409963518	0.645810243
1.99077029477	1.506679935801	4.683139788919
1.76459188816	No ortholog	0.004702617
1.5549481012	1.41253744268	2.746769249
1.35704686721	0.469330696002	1.278223885
1.30090789186	0.036844666213	0.16633859
1.2516390655	0.053712774601	0
1.10481493557	No ortholog	No ortholog
0.98572482212	0.031240074376	3.058737763
0.98423925315	0.196708691479	No ortholog
0.89558016766	0.048963666649	1.065662268
0.74463324433	0	2.670266462
0.72608382563	0.004884548865	0.408803607
0.68108253888	0.038168441638	0.034122943
0.6265759502	No ortholog	0.514123296

Average Expression		
<i>P. falciparum</i>	<i>P. cynomolgi</i>	<i>P. berghei</i>
6.25586999391	5.741777234183	4.982312205573
7.16678327557	4.539820553292	4.801920433594
2.79047739734	3.388942053181	2.877385288
0.29009653087	3.121557571021	0.415913647
0.02353983446	3.012490590484	No ortholog
0.00385862917	1.966433715705	2.823649663
0.13484587481	1.511057897702	2.499695454
1.99077029477	1.506679935801	4.683139788919
1.5549481012	1.41253744268	2.746769248812
0.26339536977	1.370854318745	1.314747981
0.00760961678	0.978001541305	No ortholog
0.3235769992	0.897281153273	0.42924327
0.01117161523	0.842028596625	0.241978333
0.06763489572	0.795637054946	1.937936929
0.00236012125	0.792806101953	0.002142925
No ortholog	0.765242130004	No ortholog
No ortholog	0.749560140847	No ortholog
2.14777888958	0.748402125225	4.6202286194
0.25024772531	0.706171080943	0.898353826
2.12077229295	0.675409963518	0.645810243

Average Expression

<i>P. falciparum</i>	<i>P. cynomolgi</i>	<i>P. berghei</i>
6.25586999391	5.741777234183	4.982312205573
7.16678327557	4.539820553292	4.801920433594
1.99077029477	1.506679935801	4.683139788919
1.99077029477	0.748402125225	4.6202286194
No ortholog	No ortholog	4.004345545695
No ortholog	No ortholog	3.969576020495
No ortholog	No ortholog	3.790218092638
0.035334716	0.536932952	3.270166091276
0.000860837	0.075402018	3.260034031221
0.014609263	0.380086626	3.224412269949
0.985724822	0.031240074376	3.058737762545
2.79047739734	3.388942053181	2.877385288239
0.00385862917	1.966433715705	2.823649662861
1.5549481012	1.41253744268	2.746769248812
0.74463324433		0 2.670266462415
0.094851803	0.419120497	2.524187903714
0.13484587481	1.511057897702	2.499695453627
0.002283192	0.511400006	2.019755718105
0.014755884	0.390058615	2.005645175967
0.054873728	0.251390094	1.989289728479