

Supplementary data 5. Differentiated expression of iron-related genes between *P. falciparum* 3D7C580Y and *P. falciparum* 3D7WT

iron-related genes	0 h	6 h	12 h	18 h	24 h	30 h	36 h	42 h
PF3D7_1214600	0.84983	0.74323	0.874905	0.9999508	1.026874	1.004988	1.6188912	1.536938
PF3D7_1311000	1.19892	0.960457	1.11301	0.9947573	1.0563819	1.200981	0.8927682	0.595752
PF3D7_1453800	0.92936	1.133518	0.898141	0.9939283	0.9944277	0.913988	0.8926405	0.927367
PF3D7_1453800	0.92936	1.133518	0.898141	0.9939283	0.9944277	0.913988	0.8926405	0.927367
PF3D7_1136300	0.45641	0.453857	1.052852	0.9938715	0.8806467	0.976787	1.2492691	1.351972
PF3D7_1008400	1.0519	1.077812	1.019451	0.9933424	0.9450189	0.935964	1.2157026	1.66695
PF3D7_1251500	0.92143	0.91145	1.038113	0.9927749	1.2248481	1.99331	1.3089892	0.486135
PF3D7_1411700	0.52696	1.311339	1.108668	0.9906084	0.7779618	0.991986	1.6029929	1.01777
PF3D7_1130400	0.96482	1.102101	0.786942	0.9884843	0.944168	0.855023	1.1897057	1.813038
PF3D7_0827000	0.81412	1.054284	1.279599	0.9879665	1.1270886	1.423249	1.9852106	0.531488
PF3D7_0905200	0.76875	1.098045	0.837137	0.9874738	1.0881855	1.246399	1.3218967	0.650151
PF3D7_0106300	1.00586	1.196606	0.910048	0.98704	0.9547074	0.7683	1.2292238	1.111969
PF3D7_0831700	1.16676	1.071607	1.453461	0.9865332	1.0830452	1.767689	1.9020542	0.43679
PF3D7_1224300	1.03628	0.929724	1.197935	0.9851942	0.9916551	1.123588	1.2986754	0.630441
PF3D7_1110100	0.92012	1.309877	1.002161	0.9837758	1.0594465	0.814679	0.8145612	1.733558
PF3D7_1332700	0.95628	1.173177	0.988645	0.9834492	1.0886816	1.392224	1.6849687	0.528043
PF3D7_1023900	0.72653	0.792065	0.935359	0.9814931	0.9428741	1.00567	1.0365763	0.939939
PF3D7_0508700	0.72432	1.054186	0.988426	0.9802026	0.9828877	1.079551	1.2877965	1.037089
PF3D7_0422500	0.68597	0.946184	0.779414	0.9787909	1.1533616	1.124787	1.3403282	0.724007
PF3D7_1445900	0.90983	0.971261	0.985594	0.9776195	1.12402	1.308805	1.584906	0.640818
PF3D7_0918100	0.92523	0.985567	1.219923	0.9760663	0.9931269	1.145175	0.8936886	1.456069
PF3D7_1037600	0.84178	1.104859	0.888168	0.9726192	0.9278222	1.098323	1.2834649	1.040585
PF3D7_1423300	0.94167	0.944896	1.666243	0.9713423	0.6909169	0.395871	0.5607979	1.496932
PF3D7_0405000	0.88678	1.143631	0.890237	0.9692622	1.1410173	1.179438	1.0755794	1.143894
PF3D7_1311700	1.23081	1.083339	0.94815	0.9616512	1.0817766	1.418212	1.7167794	0.718272
PF3D7_1426000	0.82878	1.094907	0.857963	0.9616299	1.1397205	1.062673	1.4458712	0.879742
PF3D7_0920100	0.86443	1.009914	0.958473	0.9568683	1.0944623	1.053252	1.1202631	1.536724
PF3D7_0630900	0.73419	1.169991	0.862883	0.9550881	1.2776543	1.749836	1.4282096	0.537321
PF3D7_1409100	1.30575	1.497318	2.499877	0.9517211	0.864801	1.002382	1.6823001	1.769418
PF3D7_0417300	0.94327	1.451091	0.976271	0.9498841	0.9541225	1.174741	1.6555284	1.064823
PF3D7_0514600	0.93563	1.058745	1.002152	0.949736	1.0449722	1.077263	1.6881994	0.761592
PF3D7_1362400	1.10704	1.112686	0.940411	0.9471169	1.0041151	1.089097	1.0993362	1.134388
PF3D7_1306400	0.81494	0.660276	0.959791	0.9461617	0.9267181	0.844622	1.1923965	2.007192
PF3D7_0824600	0.99817	1.232808	1.069973	0.9445634	1.0263493	0.978285	1.2595667	0.459202
PF3D7_0820000	0.70125	0.809692	0.771813	0.9404365	1.013326	1.228014	1.6188292	0.661133
PF3D7_0303000	0.67195	1.484146	1.082651	0.9395303	0.7972492	0.861403	1.209796	1.458471
PF3D7_0413600	0.96434	1.139149	0.978078	0.9348925	0.9237082	0.807612	1.0523145	1.807806
PF3D7_1417500	1.00762	1.112644	0.881051	0.9320954	1.0937718	1.304348	1.6876371	0.462788
PF3D7_1434200	1.09366	0.860968	0.917542	0.9304108	0.8718751	0.852447	1.1758875	2.083549
PF3D7_1431500	0.72341	1.062353	0.888543	0.9293783	0.9906885	1.218238	1.5923926	1.560505
PF3D7_1454500	1.38874	1.335997	1.150028	0.9286344	1.2373121	0.837426	0.6463229	0.928324
PF3D7_1010200	0.53947	0.625228	1.047641	0.9282246	1.0644925	1.624533	2.0059002	0.584267
PF3D7_1106700	0.71637	0.84707	0.850462	0.9252326	0.9990807	1.079536	1.1385441	1.692401
PF3D7_1211300	15.199	0.71427	1.614022	0.9248311	0.9402041	1.02822	2.1684977	1.692591
PF3D7_1029900	0.99337	0.953941	0.64021	0.9224401	0.4021373	0.576359	1.1258019	2.130497
PF3D7_0318900	0.67293	0.765452	0.918073	0.9222335	1.0001917	1.000438	1.1973292	1.296931
PF3D7_1468700	1.07616	0.936739	0.890936	0.9192886	1.0265099	1.095499	1.6046799	0.596528
PF3D7_1225700	0.38085	0.466636	0.854237	0.9165107	0.9341362	1.078867	1.71505	0.624474
PF3D7_0209800	0.97295	1.020346	0.948245	0.9125176	1.0505616	1.110214	1.6048426	0.667557
PF3D7_0619400	0.96196	1.079558	0.944595	0.911901	0.8814629	0.855095	1.2146256	1.847305
PF3D7_1203600	1.10673	1.322874	1.372991	0.9116087	1.0022732	0.95315	1.5045889	1.468025
PF3D7_1241800	0.87058	0.938596	1.036942	0.910398	1.1597151	1.416676	1.3163983	0.728563
PF3D7_0814300	0.74096	0.949337	0.887059	0.9084661	1.1648616	1.264158	1.4146309	0.528145
PF3D7_1018200	1.22696	1.325514	0.999392	0.9081465	0.7509784	0.530312	0.9316728	1.77141
PF3D7_0422700	1.02841	1.177622	0.991975	0.9051506	1.043766	1.192053	1.5798024	0.60112
PF3D7_1454700	0.63409	0.973488	0.833157	0.9046891	0.8843831	0.90952	1.543692	1.278871
PF3D7_1454700	0.63409	0.973488	0.833157	0.9046891	0.8843831	0.90952	1.543692	1.278871
PF3D7_1246400	0.99465	1.00403	1.136073	0.9004982	0.9410188	0.752107	0.4798284	1.168851

PF3D7_0928900	0.66639	1.002187	1.137151	0.899965	1.0129891	1.594337	0.6607539	1.386835
PF3D7_1219900	0.83536	1.610307	0.681512	0.8988838	0.8967442	0.930138	1.1648427	2.008195
PF3D7_1434500	0.55665	0.636897	0.89278	0.89807	0.9156142	1.576795	1.7377758	0.641477
PF3D7_0206100	1.05124	1.089349	1.166306	0.8921171	1.0140282	1.26753	0.9923896	1.049575
PF3D7_1119600	1.01449	1.03936	1.052883	0.8920155	1.0078088	1.232053	1.755069	1.319675
PF3D7_0818900	1.03592	1.154376	0.873392	0.8902898	0.9543052	1.088092	1.5804791	0.703155
PF3D7_1364300	1.1423	1.004166	0.913921	0.8890411	1.1047576	1.18897	0.9735779	0.864385
PF3D7_0610800	0.94472	1.001036	0.794367	0.8877151	1.0135059	1.309022	1.3603944	0.563671
PF3D7_0511000	0.87857	0.816027	0.780478	0.885949	0.9705831	0.942407	1.3513691	1.545206
PF3D7_0727800	0.53474	0.572079	0.751999	0.8811828	0.9084004	0.953192	1.5868227	1.760827
PF3D7_1352100	0.86868	1.243329	0.85	0.8770952	1.1542365	1.402873	0.6252249	1.513103
PF3D7_1462800	1.1112	0.825881	0.713687	0.8766219	0.8812405	0.980541	2.029022	0.946873
PF3D7_0703100	0.37019	1.015571	1.309581	0.8757063	0.8074427	3.668523	1.4467763	0.440797
PF3D7_1324900	1.1874	0.855221	0.944275	0.8745189	0.9369415	1.265576	1.9719995	1.151058
PF3D7_1404100	0.94696	0.903039	0.716669	0.8727125	1.0192735	1.159827	1.7263603	1.854984
PF3D7_0416700	1.05062	1.130624	0.811139	0.8724569	0.8600191	0.825909	1.4362912	1.704592
PF3D7_1349200	0.8998	1.084536	0.977875	0.8691837	1.0626423	1.206754	1.6029482	0.520996
PF3D7_0802800	0.58286	0.596815	1.021746	0.8682367	0.5827031	0.600635	0.8198669	1.706041
PF3D7_0903400	0.63076	0.574383	0.743823	0.8619061	1.1133178	1.127785	1.3584352	0.50368
PF3D7_0814900	0.88971	0.842751	0.914354	0.8617673	0.8816809	0.93347	1.138742	1.931613
PF3D7_0521700	1.26465	1.29888	0.954484	0.8616295	0.9387007	1.005619	2.44022	0.648828
PF3D7_1106000	0.7815	1.079948	0.833249	0.8591708	0.9966159	1.150711	1.4136152	0.664009
PF3D7_1035400	0.81734	0.523869	0.569346	0.8573005	0.6455775	0.647925	0.5534945	1.369136
PF3D7_1104900	0.65613	1.254647	0.535334	0.8513959	0.7398485	1.258935	0.5296956	1.37279
PF3D7_0217500	0.90373	1.723097	1.09744	0.8473546	0.7057835	0.617254	0.648106	1.463861
PF3D7_1436100	0.49968	0.750444	0.662788	0.8454616	0.9510553	0.93857	1.1325978	0.807044
PF3D7_0909900	0.84804	0.957612	0.932677	0.8450942	0.8612374	1.047069	1.2728281	0.731664
PF3D7_1318300	0.3492	2.532397	0.892119	0.8404853	1.1158013	0.89308	1.1956224	1.041374
PF3D7_1243900	1.48093	0.900874	1.109236	0.8401379	0.9179229	0.481142	1.0987825	1.738019
PF3D7_1435300	0.58592	0.551558	0.668575	0.8393838	0.6912527	0.845683	0.912123	1.45565
PF3D7_1436900	0.60864	0.739713	1.019263	0.8392946	0.9128431	1.039444	0.7873234	0.861926
PF3D7_1219600	1.06959	1.221024	0.808983	0.8301316	0.9979525	0.887667	1.0517154	1.38817
PF3D7_0319000	1.27897	1.371594	0.774023	0.8296752	0.6924578	0.827655	1.1475032	1.76951
PF3D7_1429900	0.63372	1.030269	0.843575	0.8296434	0.9291771	1.127858	1.1034286	1.648599
PF3D7_0515800	1.13453	1.982435	1.340189	0.8272451	0.853967	1.051885	0.8672375	1.268
PF3D7_1464600	0.70157	0.726393	0.725788	0.8243333	1.1348518	1.060297	0.4289032	0.9111
PF3D7_1412700	0.55235	0.892401	1.032631	0.8190972	0.9790087	1.364011	2.3712943	1.450775
PF3D7_0218600	0.53722	0.933095	0.586341	0.8190567	1.1294347	1.173581	1.0693458	1.373409
PF3D7_0310500	0.64504	0.694157	0.811672	0.8164488	0.9694961	1.048981	1.6137326	1.497431
PF3D7_0707400	0.85099	1.12358	0.865238	0.8141952	1.0620708	1.340098	1.7216084	1.123551
PF3D7_0411400	0.75844	0.92534	0.822124	0.8133244	0.9251855	1.674901	1.9500421	1.709284
PF3D7_1227100	0.76054	1.095535	0.80638	0.8089274	1.0063244	1.243371	1.6748412	1.491197
PF3D7_1216200	0.95848	0.9783	0.872079	0.8085564	1.0779591	1.291359	0.8021317	1.207598
PF3D7_0705600	0.71099	0.851414	0.92283	0.8050937	0.9594474	1.337289	2.3208692	1.135805
PF3D7_1021500	0.55756	0.867547	1.098715	0.797228	1.1652338	0.993651	1.4771749	0.789214
PF3D7_1307300	0.83075	0.764599	0.908294	0.7964606	0.9710487	1.274591	1.3617668	0.93207
PF3D7_1246100	0.60354	1.288695	0.479744	0.7958982	1.0110032	1.276821	1.549314	1.224024
PF3D7_1138400	0.44377	0.363436	0.61401	0.7948577	0.548615	0.707615	1.1691328	1.818998
PF3D7_0528500	0.37253	0.941337	0.841677	0.7917851	0.6398391	0.699328	1.4675535	2.263395
PF3D7_0708700	1.75235	1.265799	1.6314	0.7913249	0.8348394	0.954436	1.2040475	2.017167
PF3D7_1417000	0.93933	0.824701	0.322296	0.7906779	0.6153056	1.237523	0.6279675	1.360407
PF3D7_1358000	1.03216	1.077667	1.292352	0.7898451	0.6473302	0.839392	1.4963301	1.598155
PF3D7_1144600	0.8056	0.792375	0.94574	0.7885141	1.0491959	0.969235	1.1886222	0.855846
PF3D7_1360500	0.45048	0.923782	0.981796	0.787525	0.8283757	1.537107	1.5535167	0.909995
PF3D7_1209400	0.49028	0.552154	0.363206	0.7856987	0.9468303	1.650304	0.4302716	1.073321
PF3D7_0614200	0.75752	0.858454	0.972194	0.7848854	0.864834	1.217823	1.4183817	0.723303
PF3D7_0104400	0.83265	1.03518	0.69007	0.7835711	0.9576845	1.056018	1.3773922	1.634308
PF3D7_1011900	0.53474	0.61992	1.067819	0.7830748	0.8337948	0.711876	0.8667625	2.13264
PF3D7_0109600	0.84702	1.045288	1.488501	0.7830011	0.8713416	1.73537	1.847812	1.226939
PF3D7_1423600	0.79883	0.763541	0.729667	0.7778795	1.1807416	1.274087	1.2117479	1.74608
PF3D7_1474700	0.56873	0.675287	0.667853	0.7758765	0.6259711	1.056562	1.1440314	1.228746
PF3D7_1455600	0.70296	0.857661	17.36941	0.775655	0.4108061	0.504662	0.8732145	1.897932
PF3D7_0714400	0.54494	0.803565	0.903783	0.772325	0.9387376	1.394156	2.4638179	1.414455
PF3D7_0614800	0.50931	0.491597	0.632575	0.7722072	0.9874307	1.156902	1.154258	1.682591
PF3D7_1357500	0.82525	0.760316	0.911326	0.765381	0.8795856	0.936866	0.9320288	1.834441

PF3D7_0408700	2404	0.630071	361.24	0.7601968	1.1937976	0.624298	1.0919251	2.267554
PF3D7_0603500	0.89734	0.634489	0.685535	0.755242	0.6280269	0.747174	1.4653037	1.959437
PF3D7_0720400	0.89007	1.259764	0.898318	0.7535723	0.9116673	1.167404	1.3932238	1.308451
PF3D7_0925900	0.97547	1.089504	1.17961	0.7487445	1.1153445	1.40335	0.8633865	0.635807
PF3D7_0507500	0.6402	1.178391	0.673654	0.7444888	1.4082626	0.665813	0.3701235	1.184907
PF3D7_0522700	820.17	0.809924	5.09515	0.7352182	0.7133582	0.856868	1.7161439	1.732392
PF3D7_1013500	1.03928	1.311381	0.800205	0.7348206	0.9467236	1.103096	1.0479863	1.710096
PF3D7_1239700	0.63253	0.708274	0.549669	0.7333483	0.8572449	0.863074	1.5920888	1.720237
PF3D7_1439100	0.47603	0.49578	0.80359	0.7318988	1.0056128	0.907981	1.7059561	0.932194
PF3D7_1362300	0.89995	0.919551	1.20045	0.7288182	1.0797326	0.830826	1.2120377	1.439837
PF3D7_1357200	2.64692	0.957352	0.894342	0.7270395	0.876755	0.861903	1.4398095	1.809304
PF3D7_1457500	1.15792	0.504936	1.067566	0.7259083	0.8566433	1.026758	0.8061229	1.939687
PF3D7_0918600	0.33695	1.063308	0.86423	0.724466	0.9076966	0.890489	1.3492579	1.936495
PF3D7_1344600	0.48278	0.453849	2.005789	0.7152164	0.6720392	0.966086	1.2553842	1.955239
PF3D7_1223700	0.86188	0.908071	0.714656	0.7134655	0.9369347	0.92235	1.3307092	1.66119
PF3D7_1421100	1.091	1.104194	1.106057	0.712983	1.3529931	0.880211	0.9415295	0.486542
PF3D7_0716600	0.63256	0.69314	0.522835	0.7095219	0.9071196	0.943047	1.3323744	1.887951
PF3D7_1115700	0.7807	1.211573	0.665529	0.709467	1.3539683	1.751859	0.6503069	0.954789
PF3D7_1345700	0.86425	0.83907	0.789345	0.7052339	0.8633275	0.954865	1.3367303	1.734612
PF3D7_1134000	0.83671	0.763732	0.834502	0.7050139	1.040134	1.500755	1.9384803	1.255752
PF3D7_1450000	1.55569	2.745634	1.148373	0.6971552	1.3299227	1.037602	0.4389473	1.029048
PF3D7_0504000	0.94318	1.131406	0.574646	0.6966625	0.9279744	1.077761	1.9475591	1.43611
PF3D7_1216700	1.09738	0.791672	0.872143	0.6965523	0.8306659	1.089513	1.543291	0.73472
PF3D7_0910800	0.82442	1.552638	1.160084	0.6963674	1.0104596	0.928172	1.1689351	2.419899
PF3D7_1103900	0.29224	0.181505	0.898339	0.6961864	1.4864184	1.71742	14.078202	0.000316
PF3D7_0810600	0.68337	0.778913	0.887476	0.6947472	1.0362503	1.48477	1.8683924	0.620354
PF3D7_1325200	0.78249	0.787011	0.937302	0.6935659	0.8331667	0.991038	1.2177392	0.924565
PF3D7_0407900	0.92492	1.242226	0.921304	0.6901513	0.9539417	1.019693	0.3771376	0.949029
PF3D7_1212800	0.80807	0.842172	0.98923	0.6882344	0.7088313	0.777775	1.0004031	1.802267
PF3D7_0927300	0.65571	0.84928	0.429878	0.6870083	0.6902193	0.777565	1.1062102	1.959265
PF3D7_1440200	1.29959	19.89913	0.53327	0.684895	0.871234	1.251353	1.7435495	1.100887
PF3D7_1246500	0.75884	1.188872	0.975315	0.679525	1.0025077	1.458202	1.584547	0.855329
PF3D7_0907900	1.41529	1.584651	0.973158	0.675239	0.8565499	0.951747	1.4134282	1.833806
PF3D7_0603800	1.03715	1.109899	1.722113	0.6723442	0.7914792	0.575771	1.1164198	1.97339
PF3D7_0622600	0.45602	0.633329	0.865827	0.670662	0.7045757	0.712548	0.7945556	2.567218
PF3D7_0103600	0.45034	0.789504	1.195606	0.6703597	1.0403676	1.179564	1.3690073	1.585686
PF3D7_1015600	0.68025	0.726554	0.436021	0.655243	1.0425565	1.538271	1.6117768	1.602864
PF3D7_0321600	0.31545	0.821575	0.654152	0.6487337	0.9666006	0.945568	1.0250171	1.6796
PF3D7_0829400	0.41467	0.726548	2.038509	0.648301	0.6240917	0.87895	1.0765831	1.771504
PF3D7_1408400	0.58277	0.802087	0.818611	0.6409661	0.91701	1.012774	0.8205923	1.520263
PF3D7_0925400	0.75111	1.331991	0.656545	0.6390112	1.0436666	1.128637	1.6262252	1.545853
PF3D7_0610600	0.72511	0.931168	0.720873	0.6336643	0.9847242	1.194719	1.0689358	1.818272
PF3D7_1318100	0.86648	0.973578	0.78947	0.6278306	0.7974608	0.867562	1.4668588	2.032997
PF3D7_1452200	0.63533	0.708679	3.003122	0.6218341	0.7835767	0.672465	1.0083417	1.058118
PF3D7_1128500	0.76689	1.16402	0.926263	0.6152544	1.0822756	1.00522	1.7276274	0.589117
PF3D7_0322500	0.50402	0.71317	0.905924	0.6149014	1.2896608	0.806381	0.9182785	2.183214
PF3D7_0502800	0.93564	0.706285	0.944571	0.6143429	0.9476635	1.411865	2.1868547	0.257828
PF3D7_1458400	0.714	0.496505	0.804158	0.6121391	1.0191237	0.984526	1.5001199	1.494649
PF3D7_1222700	0.73018	0.786602	0.841637	0.6117527	0.7181064	0.812001	0.5714345	1.434529
PF3D7_0606900	0.96242	0.877935	0.928201	0.6113589	0.8779828	0.869011	0.9960741	0.825224
PF3D7_1105500	1.95194	0.660543	1.780095	0.6010248	0.6368298	0.834532	1.590105	1.986455
PF3D7_0416300	1.14457	0.093548	0.625244	0.599729	0.7950555	0.930413	1.5181128	1.81511
PF3D7_0926000	0.56377	0.822668	0.977439	0.5932312	1.0037958	1.327328	2.0423083	1.461789
PF3D7_1361600	0.12638	0.40951	1.135497	0.5911684	0.731854	0.850382	0.8316018	1.931799
PF3D7_0504200	0.54924	0.236432	0.87701	0.5907937	0.8738768	1.145872	0.8358092	1.535786
PF3D7_1103400	0.7678	0.900578	0.715214	0.5907341	0.8764022	1.117442	1.6735657	1.751466
PF3D7_1037000	1.10943	0.960771	1.089941	0.5885453	0.7381965	0.953225	1.7731557	1.693191
PF3D7_1131600	0.04459	0.494121	0.387893	0.5810322	0.5897881	1.055979	1.942808	4.31802
PF3D7_0503200	0.55177	0.367645	1.197885	0.5786797	0.8711097	0.849536	1.3128012	1.643023
PF3D7_0216000	0.55058	0.53526	0.555368	0.5704532	0.5775474	1.141524	1.1896494	1.629542
PF3D7_0107800	0.46162	0.229041	0.716639	0.5673754	0.8690966	1.073536	1.580131	2.039785
PF3D7_0320800	2.12001	0.772996	0.681568	0.565985	0.8389597	1.077575	1.6096915	1.801454
PF3D7_1334100	1.01868	0.561985	0.691077	0.5654314	0.7444002	1.010813	1.6323081	2.008179
PF3D7_1439400	1.03182	0.941316	1.145843	0.5644571	0.6625804	0.782111	1.0943322	1.853179
PF3D7_0711000	1.11559	1.02741	0.696693	0.5637534	0.9697549	1.146584	1.7347495	1.401832

PF3D7_1106600	0.50718	0.678648	1.080694	0.5583797	0.8877689	1.60146	1.7478851	0.901541
PF3D7_0604600	0.38679	0.826191	2.505545	0.5558494	0.8592418	1.380487	1.2080345	1.06239
PF3D7_0304500	1.00245	0.960911	0.346819	0.5557888	0.9635194	1.140303	1.5125594	1.651067
PF3D7_1239500	1.81548	0.747954	1.061415	0.5524124	0.923449	0.863159	1.3384897	1.592152
PF3D7_1426900	1.79324	0.683475	0.308568	0.5465199	0.6834416	0.85139	1.0977292	2.096387
PF3D7_1467300	1.27853	0.641025	1.905966	0.5445202	0.6913067	0.808726	1.3370043	1.824588
PF3D7_0706100	0.71083	0.397244	1.302032	0.5388609	0.8708627	0.842403	1.3414143	2.162986
PF3D7_1304100	1.75595	1.294373	1.619012	0.5371993	0.7794139	0.948493	0.9276174	1.536616
PF3D7_1425400	0.54115	0.462968	0.628548	0.5262978	1.0842273	1.112501	0.5683094	1.323669
PF3D7_0302700	1.81202	1.140958	1.14526	0.5156865	0.7292603	0.831316	1.2550072	2.037269
PF3D7_0516100	0.68534	1.110545	0.386672	0.5145277	0.8796004	0.927742	1.3423919	1.253253
PF3D7_1027700	0.88727	0.949779	1.46552	0.5052087	0.6823047	0.761234	1.3770487	2.094966
PF3D7_1112600	0.20685	0.858546	0.830071	0.5036588	0.8158838	0.977457	1.0418716	1.82219
PF3D7_0913900	0.54842	2.455988	0.696008	0.5036018	1.0285699	1.114684	1.1120691	0.683416
PF3D7_0729900	0.81053	0.388281	0.932929	0.496663	0.6727348	0.750811	1.1396079	1.683015
PF3D7_1355100	0.68356	0.716163	0.705933	0.4933717	0.8084838	0.867548	1.364773	1.947292
PF3D7_0934800	0.58901	0.857893	0.761004	0.4819422	0.3273307	0.446559	0.7116527	1.812872
PF3D7_0107000	0.58024	0.690114	0.478465	0.4810866	0.792212	0.821831	1.4385325	2.291323
PF3D7_1037500	0.65624	0.855245	0.251492	0.4639515	0.9257385	1.005026	0.6277856	1.504013
PF3D7_0519300	0.87547	0.697464	0.804753	0.4636258	0.8170896	1.023754	1.8242995	1.407135
PF3D7_0623700	0.28181	0.968247	0.963677	0.4611941	0.9489712	1.163379	1.5440958	1.623965
PF3D7_1324500	0.35438	0.750263	2.540942	0.4573454	0.8283871	1.029985	1.5136427	1.899709
PF3D7_0904900	0.88197	0.741014	0.925316	0.4570055	0.6973534	0.929201	1.5354428	1.600495
PF3D7_0509100	0.67084	0.752736	0.926239	0.4566327	0.6608064	0.986856	1.667122	1.90293
PF3D7_1435000	0.3114	0.739644	0.333143	0.4529336	0.6864743	1.001562	1.1507925	2.065191
PF3D7_0514100	0.42781	0.848037	0.938324	0.4507863	0.9259202	0.942051	1.1882779	2.180006
PF3D7_0930900	1	0.332571	0.60424	0.4405836	1.5269808	1.057459	1.5081666	2.711743
PF3D7_0817100	0.58794	2.583344	0.882697	0.4345963	0.9164399	1.459106	1.6155885	1.663957
PF3D7_1034400	0.8055	0.926422	0.42987	0.4331099	0.8156674	1.043398	1.5030161	1.781299
PF3D7_0508200	0.44508	0.345025	0.547853	0.4296693	0.8091719	0.895537	1.4201051	2.079456
PF3D7_0409500	0.77394	0.572717	0.723789	0.4285839	0.5555666	0.92416	1.6124463	2.142993
PF3D7_0527000	0.91228	0.733018	0.639472	0.4275292	0.760965	0.863194	1.4788365	1.903875
PF3D7_1227500	0.39828	0.403877	0.73397	0.4254209	0.6211351	0.896509	1.5579789	2.028192
PF3D7_0504400	0.61915	0.514949	0.306956	0.4211719	0.7810031	0.915091	1.5575307	2.384776
PF3D7_1017000	0.92338	0.964406	0.570022	0.4176965	0.7856365	1.028848	1.7016521	1.751573
PF3D7_1406900	0.00031	2.162288	4.126465	0.4166158	1.158273	1.139667	0.9736375	1.979329
PF3D7_1019800	3.62515	1.127474	0.553958	0.4163441	0.8697926	1.089544	0.9922261	1.530586
PF3D7_1022800	1.35586	0.439565	0.433687	0.4143355	0.6438222	0.923558	1.3577941	1.780072
PF3D7_0715300	12.4747	0.879417	4.832227	0.4111687	0.620957	0.867985	1.3700836	2.011985
PF3D7_1446800	1.65963	0.850757	1.313187	0.4071636	0.9158261	1.119663	1.1538005	1.963006
PF3D7_0213400	1.51325	0.957684	1.423252	0.4019989	0.8041178	1.003847	1.4591602	1.935331
PF3D7_1019500	0.52009	0.584956	0.860621	0.4000337	0.7067855	0.815206	1.1239006	1.971694
PF3D7_1122900	0.72071	0.613682	1.041515	0.3937254	0.7159147	1.519865	2.5116878	0.635281
PF3D7_1417800	0.64026	0.687072	0.47421	0.3852603	0.7624091	0.870302	1.4206713	1.883493
PF3D7_1444700	0.31406	0.673851	0.535981	0.3769011	0.7560429	0.917659	1.7738798	1.989046
PF3D7_0607300	0.61889	0.447778	0.974612	0.3727841	0.6015803	1.022583	1.3921664	1.540741
PF3D7_0208100	0.85411	0.592716	2.084241	0.3723194	0.7108656	0.955159	1.7783447	2.048514
PF3D7_1317100	0.76741	1.319865	0.816794	0.3714158	0.7300383	0.887534	1.3470966	1.910713
PF3D7_1462700	0.44516	0.957232	0.394832	0.370348	0.7536031	0.885658	1.4333868	1.770682
PF3D7_1446600	0.59728	0.534458	0.653075	0.3677266	0.7646625	0.788355	0.9734956	1.951321
PF3D7_1022900	0.00012	1.694896	0.000135	0.3658357	0.7881241	0.836036	1.2572411	1.69007
PF3D7_1470500	0.5274	1.066766	0.381643	0.3642234	0.4843602	0.92528	1.179384	1.129934
PF3D7_0705400	0.7384	1.300116	0.740602	0.3619672	0.7209437	0.721288	1.2349267	1.895555
PF3D7_0511200	0.54203	0.518905	0.703976	0.3616239	0.5321588	0.702004	1.2796683	2.190231
PF3D7_1364600	0.50642	0.95488	0.678432	0.3600892	0.7227568	0.791727	1.3762679	1.836038
PF3D7_1211700	1.01886	0.758566	0.959238	0.3578126	0.7027825	0.742831	1.2566171	1.985683
PF3D7_0605300	0.54647	0.870005	0.524983	0.3479365	0.7280526	0.908243	1.4759598	1.684951
PF3D7_1363700	0.33555	0.209897	0.112468	0.3365657	0.9027205	0.951607	1.4104763	1.505057
PF3D7_0716500	0.38859	0.755904	0.628266	0.3257503	0.9374068	1.212549	1.5128051	1.28505
PF3D7_0207200	0.00172	0.000126	1	0.3151215	0.8415999	0.972061	0.3124488	1.200125
PF3D7_1246900	0.96927	0.857991	0.483783	0.3114351	0.8076536	1.12409	1.3488639	1.926568
PF3D7_0623300	0.98199	1.2752	0.850429	0.3025507	0.7102017	0.87928	1.816264	2.172656
PF3D7_0816400	0.65322	0.28153	0.321331	0.3023208	0.5283308	0.804021	0.8956073	2.533957
PF3D7_0630300	0.34801	0.238084	0.677781	0.2963424	0.7820239	0.899601	1.5909727	1.841276
PF3D7_1413500	1.35642	1.27787	1.116033	0.2897352	0.7384803	0.799089	1.1343057	1.870313

PF3D7_0809700	1.70252	0.96119	0.374223	0.2872824	1.4003108	0.750261	1.154631	1.230747
PF3D7_1022300	0.00032	2.639577	5.825594	0.2716295	0.422344	1.37071	0.7825141	3199.52
PF3D7_1403700	0.54479	0.608678	0.37052	0.2034466	0.8361462	1.191757	1.1425489	1.363348
PF3D7_1329700	0.30732	1.800166	0.848607	0.1994731	0.6385957	0.503185	0.5043622	1.511509
PF3D7_03111400	0.28358	0.422268	0.506151	0.1734679	0.5685508	0.518481	0.7260697	1.26203
PF3D7_0910900	0.76074	2.199046	0.108967	0.166506	0.6164362	0.964435	1.6054201	2.044795
PF3D7_0922400	0.19027	0.225394	0.883989	0.1160092	0.7239451	1.355603	1.6086172	1.56468
PF3D7_1002300	0.78494	0.632508	0.489446	0.0736191	1.7296409	4.395639	5.7287133	1.704449
PF3D7_0627200	0.576	0.518414	3281.67	0.0018297	0.4738731	0.812894	1.6495942	3.278607
PF3D7_1321600	0.00053	1.317917	0.667686	0.0016458	0.2921593	0.729943	1.0269422	1.601948
PF3D7_1014000	1.43439	0.239625	1	0.0013983	0.6671439	0.957038	0.7695174	1.626219
PF3D7_1139500	0.93069	0.335575	0.15176	0.0008459	0.6990588	1.196049	0.7002039	0.983057
PF3D7_1444200	0.82833	1.311493	3725.72	0.0006773	1.3943319	0.767899	0.7690738	1.718181
PF3D7_0921400	1	1.566781	1	0.0005419	1.0912792	1.033196	1.0608587	3.198611
PF3D7_0321400	0.55569	6.960662	2293.36	0.0004335	2.1711152	0.313155	0.6700432	1.752019
PF3D7_1114800	0.00048	0.765573	0.000131	0.000338	0.328314	0.670741	1.0494797	2.154734
PF3D7_1232300	1	3.057482	0.000318	0.0001518	0.6973183	0.955737	2.1193878	2.25261