

## Common genes differentially expressed in sporangium, zoospore and during early infection

SEQ_ID	Fold change	Mycelium	Sporangium	Zoospores	Kbahar24	Fold change 2
PITG_02501	15.27517128	9.54883	13.48195	13.49043	11.3371	15.36525726
PITG_23156	12.0073843	8.29853	11.88438	10.61073	10.63503	4.966398239
PITG_06860	10.46886635	10.66112	14.04915	11.93077	12.9425	2.411030769
PITG_10750	10.01946354	9.28905	12.61378	13.4118	11.63772	17.42093277
PITG_06862	9.668217659	10.4947	13.76795	11.6856	12.96803	2.282951117
PITG_08509	9.113256454	10.1173	13.30527	12.8057	13.35282	6.445981503
PITG_20815	8.633426666	11.03275	14.14268	12.06972	13.42937	2.05190897
PITG_13381	8.487953186	9.80047	12.88588	13.18977	12.0254	10.47806263
PITG_13554	8.371483803	9.15473	12.22022	11.87985	12.12743	6.612137318
PITG_18025	6.97390461	10.33733	13.1393	12.7476	11.98383	5.315725803
PITG_12760	6.390667439	10.16922	12.84518	12.06555	11.33678	3.722658634
PITG_13558	6.010909557	10.25432	12.8419	12.72587	12.67367	5.546393394
PITG_20102	5.918302059	8.73853	11.30372	11.10988	10.9902	5.17425108
PITG_16956	5.496195793	8.8471	11.30553	12.94315	11.48072	17.10148811
PITG_11598	5.411892891	9.1074	11.54353	11.23815	11.58358	4.379450798
PITG_09067	5.371592999	9.28255	11.7079	10.9954	11.12915	3.278077602
PITG_02586	5.279007435	9.74972	12.14998	13.8918	12.48518	17.65596008
PITG_10485	5.159984589	9.64505	12.01242	12.43437	11.35887	6.913022518
PITG_18305	4.974035263	8.98455	11.29897	11.00845	10.9414	4.066816807
PITG_19649	4.846242905	9.72672	12.00358	12.80038	12.43575	8.419103622
PITG_13448	4.795672894	8.48793	10.74967	10.10538	9.95965	3.068322182
PITG_08528	4.760291576	9.24038	11.49143	10.57198	10.95222	2.516816378
PITG_08900	4.733968258	8.8039	11.04695	10.47485	12.18812	3.18424201
PITG_00999	4.659311295	8.901	11.12112	12.08843	10.4451	9.109888077
PITG_21786	4.59373188	9.30335	11.50302	10.71715	11.56118	2.664380312
PITG_03223	4.39485836	10.16902	12.30483	13.52215	11.86138	10.21865463
PITG_06227	4.284172535	10.14547	12.24448	12.55573	12.16878	5.315725327
PITG_11946	4.195714951	9.57275	11.64167	12.11922	11.51213	5.842017651
PITG_22343	4.009160042	8.39317	10.39647	12.78212	10.85552	20.95104027
PITG_04089	4.008928299	8.62653	10.62975	10.08532	11.12987	2.748764515
PITG_16168	3.899168968	10.18493	12.1481	11.86317	11.94895	3.200358152
PITG_08613	3.871922493	11.6191	13.57215	14.166	13.00262	5.843772411
PITG_13373	3.842113256	9.91092	11.85282	14.07447	11.83273	17.92063713
PITG_16991	3.819851637	8.37867	10.31218	10.18827	9.8538	3.505450726
PITG_02230	3.817910671	10.01453	11.94732	13.1396	11.11122	8.724464417
PITG_00147	3.802153111	9.275	11.20182	11.19213	11.38002	3.776718616
PITG_02830	3.767741442	9.41862	11.33232	11.41657	10.72263	3.994320154
PITG_00343	3.717458487	10.27583	12.17015	12.30238	11.93675	4.074293613
PITG_15125	3.716342211	9.55127	11.44515	10.847	11.72635	2.455017567
PITG_06841	3.575264454	9.8761	11.71415	11.74663	11.52238	3.656677246
PITG_11942	3.538243532	9.06255	10.88558	12.89642	12.64723	14.25965023
PITG_10410	3.530322552	8.24632	10.06612	11.47968	11.14618	9.404600143
PITG_14979	3.469152689	10.18233	11.97692	11.66887	11.53848	2.802148342
PITG_00921	3.448136091	11.22393	13.00975	13.98107	12.84872	6.76051569
PITG_05727	3.435531616	10.31015	12.09068	12.74995	12.80188	5.425664902

PITG_03881	3.420285225	9.30403	11.07815	12.25965	12.22978	7.757633686
PITG_03811	3.410973072	9.09855	10.86873	11.0997	11.81613	4.003189564
PITG_20620	3.386629105	10.63337	12.39322	11.79058	13.42618	2.230267286
PITG_15388	3.384321451	8.71012	10.46898	13.92263	12.00212	37.07864761
PITG_10408	3.318849802	10.26975	12.00043	12.64738	12.07692	5.196835041
PITG_14405	3.306030273	10.65265	12.37775	11.7012	13.35702	2.068449736
PITG_20621	3.22656703	8.8732	10.5632	10.05762	11.00543	2.272714853
PITG_07717	3.22034812	10.39598	12.0832	12.5719	11.70482	4.518727779
PITG_03882	3.206834793	9.4091	11.09025	11.75083	11.10357	5.069113255
PITG_15980	3.139424324	9.22368	10.87418	12.31057	10.92945	8.4965868
PITG_04977	3.131274462	10.66325	12.31	14.2093	13.0353	11.6806612
PITG_07381	3.127767563	8.87718	10.52232	12.8834	11.74715	16.0690937
PITG_07968	3.076308012	9.40803	11.02923	12.73803	11.52632	10.05610657
PITG_00056	3.049663305	10.22372	11.83237	13.95357	11.92497	13.26773357
PITG_03115	3.032449007	9.57592	11.1764	13.43587	11.86345	14.51980305
PITG_19832	3.032308817	9.6227	11.22312	11.2515	11.42088	3.092556715
PITG_09557	3.010667324	9.71503	11.30512	11.23813	11.88345	2.874079466
PITG_09355	3.004170418	10.00283	11.5898	11.97875	12.22813	3.933781147
PITG_09998	2.891864538	10.2846	11.8166	12.3036	12.03358	4.05302763
PITG_01664	2.87334919	9.95553	11.47827	11.70705	11.84173	3.367123604
PITG_16204	2.862448931	9.75425	11.2715	13.31445	10.9081	11.79578876
PITG_00539	2.860796213	10.09458	11.611	13.05118	11.48385	7.762923241
PITG_04289	2.840214729	9.0512	10.5572	10.11342	10.51468	2.088137388
PITG_09356	2.826891899	9.33058	10.8298	12.88097	11.53762	11.71579838
PITG_19655	2.786234379	9.16628	10.6446	10.41965	10.68257	2.383970976
PITG_15441	2.774799109	9.90677	11.37915	11.01002	11.46723	2.148381233
PITG_10039	2.737641096	8.6631	10.11603	10.8087	9.96178	4.424762249
PITG_10403	2.736819029	9.13402	10.58652	11.71223	11.60045	5.972010612
PITG_12210	2.693969011	11.45327	12.883	14.04888	13.72563	6.044473648
PITG_05092	2.679071903	9.83725	11.25898	11.4502	12.33843	3.058766603
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PITG_05156	2.5196383	10.28445	11.61767	13.88805	12.49195	12.15602779
PITG_18396	2.489518404	8.88305	10.19892	13.35837	11.89933	22.24357414
PITG_09494	2.469638824	9.54678	10.85108	11.29513	11.49165	3.359740973
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PITG_11755	2.396368742	10.92462	12.18547	13.55423	12.22283	6.188615322
PITG_18276	2.392247438	9.92613	11.1845	12.70587	11.76485	6.86725378
PITG_09845	2.379568577	9.50362	10.75432	12.8483	11.35408	10.15897751
PITG_02720	2.349656582	9.23718	10.46963	10.49215	11.30183	2.38661623
PITG_10223	2.349140882	9.68903	10.92117	11.01117	12.5501	2.500355721
PITG_04270	2.339418411	9.23103	10.45718	12.7269	11.39305	11.2813406
PITG_18442	2.339040279	8.79517	10.02108	11.61037	10.90298	7.03816843
PITG_15235	2.335934639	8.64122	9.86522	10.11523	10.01803	2.777942419
PITG_22975	2.334100485	12.63437	13.85723	14.37792	14.04473	3.348581314
PITG_13791	2.330678701	11.28185	12.5026	13.11597	13.03515	3.5655303

PITG_06788	2.325890779	9.06598	10.28377	13.28482	12.68198	18.62067223
PITG_15195	2.323124886	11.51485	12.73092	14.66855	13.41365	8.899350166
PITG_14382	2.300743341	9.44652	10.64862	11.93335	11.526	5.605462074
PITG_04633	2.294479132	10.3451	11.54327	11.55423	12.52528	2.311987162
PITG_12781	2.281843662	12.08898	13.27918	14.07072	13.41575	3.949673414
PITG_03448	2.242772579	9.65625	10.82153	13.8612	12.41935	18.44234276
PITG_18174	2.21895957	10.586	11.73588	13.97198	12.19412	10.45400143
PITG_22157	2.204879761	10.61512	11.75582	11.7286	11.95985	2.163674355
PITG_13342	2.201392889	10.59932	11.73773	12.73867	11.7495	4.40563488
PITG_09386	2.19854641	9.55757	10.69412	13.02362	11.90793	11.05057907
PITG_11264	2.190433979	8.86085	9.99207	10.9673	11.00618	4.306303501
PITG_16981	2.176107645	9.19442	10.31617	10.22633	11.02623	2.044739008
PITG_20289	2.170408487	8.9765	10.09447	10.42847	12.00943	2.735807419
PITG_12769	2.16382432	12.5296	13.64318	14.2565	13.80305	3.310157776
PITG_13192	2.122503042	9.22237	10.30813	11.20362	11.58182	3.94835043
PITG_13655	2.118461132	10.75172	11.83473	13.89282	13.45975	8.821965218
PITG_01973	2.118387699	10.29613	11.3791	13.09988	11.557	6.982530594
PITG_14971	2.116479635	9.86073	10.9424	11.45212	12.31812	3.013381481
PITG_12783	2.100719213	12.48962	13.5605	14.09595	13.91147	3.044770241
PITG_03289	2.074719906	9.25475	10.30767	10.58763	10.81585	2.51905632
PITG_12778	2.071008205	12.34108	13.39142	13.9421	13.5017	3.033570051
PITG_08213	2.055657625	10.36358	11.40318	13.76458	12.5223	10.5633831
PITG_22133	2.055586338	11.03962	12.07917	14.30278	12.76748	9.600879669
PITG_08706	2.013934374	9.76165	10.77167	12.49163	11.61893	6.634479523

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