

Supplemental table 1. Differentially expressed genes in FLL366 under anaerobic conditions

Gene ID	Annotation	Fold(FLL366/W83)	p-value
Transposase and transposon			
PG0008	ISPg5 transposase Orf2	-1.57	0.000599146
PG0019	ISPg4 transposase	-1.73	0.00188336
PG0041	ISPg5 transposase Orf2	-1.55	0.00124361
PG0177	ISPg4, transposase	-1.73	0.00189314
PG0426	ISPg5, transposase Orf2	-1.58	0.000702206
PG0458	ISPg5, transposase Orf2	-1.57	0.000822161
PG0591	ISPg5, transposase Orf2	-1.59	0.000880705
PG0819	integrase	-1.80	0.000168119
PG0820	integrase	-1.83	0.00149976
PG0872	mobilizable transposon, Xis protein	-1.55	0.00128814
PG0943	ISPg5, transposase Orf2	-1.57	0.000950353
PG1261	ISPg4, transposase	-1.73	0.00171647
PG1474	conjugative transposon protein TraO	-1.50	0.00156289
PG1475	conjugative transposon protein TraN	-1.56	0.000122558
PG1478	conjugative transposon protein TraK	-1.67	3.24E-05
PG1479	conjugative transposon protein TraJ	-1.62	1.57E-05
PG1481	conjugative transposon protein TraG	-1.59	5.84E-05
PG1482	conjugative transposon protein TraF	-1.50	0.00161445
PG1483	conjugative transposon protein TraE	-1.56	7.54E-05
PG1485	conjugative transposon protein TraC	-1.58	0.000811496
PG1486	conjugative transposon protein TraA	-1.83	1.87E-06
PG1710	ISPg5, transposase Orf2	-1.58	0.000814519
PG2057	ISPg5, transposase Orf2	-1.55	0.000960293
Transporter			
upregulated			

PG0782	MotA/TolQ/ExbB proton channel family	1.52	6.06E-06
PG0946	ABC transporter, ATP-binding protein	2.04	1.21E-07
downregulated			
PG0682	ABC transporter, permease protein, putative	-1.67	7.24E-08
PG0683	ABC transporter, permease protein, putative	-1.74	1.06E-06
PG0684	ABC transporter, permease protein, putative	-1.58	3.75E-05
PG1381	ABC transporter, permease protein	-1.56	1.78E-05
PG1446	MATE efflux family protein	-1.67	0.00609314
PG1734	transporter, putative	-1.66	9.38E-05
PG1836	nucleoside permease NupG	-1.54	0.000286242
PG1946	ABC 3 transporter family protein	-1.52	2.32E-08
PG2219	potassium uptake protein TrkH	-1.60	7.62E-08
transcriptional regulators			
Upregulated			
PG0857	transcriptional regulator, putative	1.81	1.07E-05
PG0860	transcriptional regulator, putative	1.81	1.27E-06
PG0985	ECF subfamily RNA polymerase sigma	1.99	3.13E-07
PG1181	TetR family transcriptional regulator	1.52	0.0812207
PG1237	LuxR family transcriptional regulator	3.42	1.24E-07
PG1240	TetR family transcriptional regulator	1.67	6.12E-07
PG1318	ECF subfamily RNA polymerase sigma	1.68	2.99E-10
Downregulated			
PG1535	transcriptional regulator, putative	-1.69	0.00215718
PG1660	ECF subfamily RNA polymerase sigma	-3.06	0.0607862
PG2161	AraC family transcriptional regulator	-1.63	1.56E-06
Chaperon			
PG0045	heat shock protein 90	2.55	4.48E-06
PG0520	chaperonin GroEL	1.93	7.71E-07
PG0521	co-chaperonin GroES	3.28	2.55E-08

PG1775	grpE protein	2.78	3.29E-06
PG1776	dnaJ protein	1.97	1.70E-05
PG1208	molecular chaperone DnaK	2.63	3.27E-07

Oxidative stress related

PG0195	rubrerythrin	-1.66	0.00418634
PG0210	precorrin-6x reductase/cobalamin	-1.52	1.16E-07
PG0548	pyruvate ferredoxin/ferredoxin	-1.64	0.000180167
PG1172	iron-sulfur cluster binding protein, putative	-1.59	3.90E-05
PG1402	AP endonuclease domain-containing protein	-1.63	1.30E-09
PG1585	BatD protein	-1.53	1.65E-06
PG1586	BatE protein	-1.60	2.38E-10
PG1812	2-ketoisovalerate ferredoxin reductase	-1.57	0.000418133

Glycosylation related

PG0110	glycosyl transferase, group 1 family protein	-1.51	0.0119538
PG0352	sialidase, putative	-1.46	4.09E-05
PG0917	GtrA family protein	-1.53	0.000414299
PG1724	O-sialoglycoprotein endopeptidase	-1.51	5.05E-06
PG1055	thiol protease	-1.51	0.0115627

Hypothetical proteins

Upregulated

PG0160	hypothetical protein PG0160	1.65	2.14E-06
PG0319	hypothetical protein PG0319	2.24	1.12E-09
PG0404	hypothetical protein PG0404	1.5	4.10E-06
PG0482	hypothetical protein PG0482	1.83	9.09E-06
PG0495	hypothetical protein PG0495	2.39	0.0146996
PG0554	hypothetical protein PG0554	2.5	1.79E-06
PG0565	hypothetical protein PG0565	1.83	7.25E-07
PG0574	hypothetical protein PG0574	1.65	3.84E-12
PG0612	hypothetical protein PG0612	1.5	0.00121001

PG0659	hypothetical protein PG0659	1.59	1.12E-05
PG0686	hypothetical protein PG0686	1.68	1.60E-06
PG0779	hypothetical protein PG0779	2.19	4.67E-09
PG0780	hypothetical protein PG0780	1.82	1.30E-08
PG0786	hypothetical protein PG0786	1.63	0.00197948
PG0832	hypothetical protein PG0832	1.55	0.00477003
PG0833	hypothetical protein PG0833	1.69	0.000727504
PG0834	hypothetical protein PG0834	1.73	7.65E-05
PG0856	hypothetical protein PG0856	1.56	1.86E-07
PG0929	hypothetical protein PG0929	1.72	7.07E-06
PG0947	hypothetical protein PG0947	1.79	1.96E-08
PG0986	hypothetical protein PG0986	1.89	3.68E-07
PG0987	hypothetical protein PG0987	1.83	1.06E-06
PG1108	hypothetical protein PG1108	2.13	1.90E-07
PG1178	hypothetical protein PG1178	2.82	0.00882465
PG1179	hypothetical protein PG1179	2.53	0.00885383
PG1180	hypothetical protein PG1180	1.86	0.0461076
PG1216	hypothetical protein PG1216	1.87	1.39E-05
PG1236	hypothetical protein PG1236	2.81	2.77E-07
PG1257	hypothetical protein PG1257	1.93	0.000287724
PG1268	hypothetical protein PG1268	2.4	2.39E-05
PG1308	hypothetical protein PG1308	1.61	5.67E-14
PG1316	hypothetical protein PG1316	1.84	6.40E-06
PG1317	hypothetical protein PG1317	1.53	3.86E-08
PG1491	hypothetical protein PG1491	2.1	0.000393547
PG1492	hypothetical protein PG1492	1.81	5.90E-05
PG1625	hypothetical protein PG1625	1.77	2.47E-06
PG1659	hypothetical protein PG1659	1.89	0.0137183
PG1707	hypothetical protein PG1707	1.88	1.77E-09

PG1777	hypothetical protein PG1777	1.81	5.95E-06
PG1778	hypothetical protein PG1778	1.56	0.000106019
PG1779	hypothetical protein PG1779	1.79	5.04E-06
PG1857	hypothetical protein PG1857	1.69	0.0512235
PG1889	hypothetical protein PG1889	1.52	3.72E-07
PG1988	hypothetical protein PG1988	1.61	0.000281861
PG1989	hypothetical protein PG1989	1.91	0.000120565
PG2019	hypothetical protein PG2019	1.83	8.15E-05
PG2050	hypothetical protein PG2050	1.9	1.28E-06
PG2086	hypothetical protein PG2086	1.72	2.09E-05
PG2172	hypothetical protein PG2172	1.66	7.57E-05
Downregulated			
PG0018	hypothetical protein PG0018	-1.72	1.27E-08
PG0114	hypothetical protein PG0114	-1.58	3.50E-11
PG0333	hypothetical protein PG0333	-1.57	2.19E-06
PG0354	hypothetical protein PG0354	-1.62	0.000839459
PG0374	hypothetical protein PG0374	-1.51	0.375188
PG0428	hypothetical protein PG0428	-1.51	0.00172757
PG0541	hypothetical protein PG0541	-1.58	8.23E-05
PG0681	hypothetical protein PG0681	-3.01	8.75E-05
PG0718	hypothetical protein PG0718	-1.55	0.000453533
PG0867	hypothetical protein PG0867	-1.5	0.00676956
PG0870	hypothetical protein PG0870	-1.71	0.000988356
PG0871	hypothetical protein PG0871	-1.69	0.00256737
PG1006	hypothetical protein PG1006	-1.75	1.20E-16
PG1096	hypothetical protein PG1096	-1.53	4.91E-09
PG1136	hypothetical protein PG1136	-1.87	8.33E-11
PG1167	hypothetical protein PG1167	-7.78	2.71E-06
PG1214	hypothetical protein PG1214	-1.64	6.50E-15

PG1252	hypothetical protein PG1252	-1.57	5.49E-10
PG1333	hypothetical protein PG1333	-1.52	3.66E-05
PG1373	hypothetical protein PG1373	-1.67	0.00182465
PG1457	hypothetical protein PG1457	-1.75	1.99E-05
PG1458	hypothetical protein PG1458	-1.85	5.48E-07
PG1459	hypothetical protein PG1459	-5.07	9.72E-08
PG1460	hypothetical protein PG1460	-1.79	0.000491991
PG1461	hypothetical protein PG1461	-1.7	0.00239706
PG1477	hypothetical protein PG1477	-1.64	4.00E-05
PG1487	hypothetical protein PG1487	-1.55	8.94E-05
PG1488	hypothetical protein PG1488	-1.53	2.43E-05
PG1489	hypothetical protein PG1489	-1.8	8.18E-05
PG1494	hypothetical protein PG1494	-1.51	4.60E-08
PG1507	hypothetical protein PG1507	-1.65	0.000780359
PG1510	hypothetical protein PG1510	-1.53	0.0882164
PG1511	hypothetical protein PG1511	-1.74	0.148118
PG1534	hypothetical protein PG1534	-1.83	0.00132717
PG1564	hypothetical protein PG1564	-1.72	1.59E-07
PG1572	hypothetical protein PG1572	-1.79	2.27E-07
PG1621	hypothetical protein PG1621	-1.5	5.98E-13
PG1738	hypothetical protein PG1738	-1.55	1.45E-06
PG1769	hypothetical protein PG1769	-1.59	4.34E-08
PG1817	hypothetical protein PG1817	-1.56	1.69E-07
PG1818	hypothetical protein PG1818	-1.77	2.59E-12
PG1943	hypothetical protein PG1943	-1.52	0.00152318
PG2004	hypothetical protein PG2004	-1.7	5.05E-06
PG2021	hypothetical protein PG2021	-1.64	1.12E-10
PG2022	hypothetical protein PG2022	-1.5	1.70E-13
PG2123	hypothetical protein PG2123	-1.52	0.000204447

PG2130	hypothetical protein PG2130	-1.72	2.74E-05
PG2214	hypothetical protein PG2214	-1.6	3.73E-12

Supplemental table 2. Differentially expressed genes in FLL366 under hydrogen peroxide stress conditions

Gene ID	Annotation	Fold (FLL366/W83)	p-value
Transporter			
Downregulated			
PG0209	formate/nitrite transporter	-1.64	0.00233573
PG0258	ABC transporter, ATP-binding protein	-1.69	0.00787264
PG0444	OPT family oligopeptide transporter	-1.79	0.000133896
PG0636	MATE efflux family protein	-1.84	0.00123017
PG0672	iron compound ABC transporter, ATP-binding protein	-1.62	0.00185902
PG0680	RND family efflux transporter MFP subunit	-1.53	0.036998
PG0682	ABC transporter, permease protein, putative	-1.50	0.0195269
PG0683	ABC transporter, permease protein, putative	-1.75	0.00156825
PG0714	copper homeostasis protein CutC	-1.65	0.00832733
PG1041	K ⁺ -dependent Na ⁺ /Ca ⁺ exchanger related-protein	-1.69	0.000205883
PG1734	transporter, putative	-1.62	0.00383487
Upregulated			
PG0685	ABC transporter, ATP-binding protein	2.67	0.00274159
PG0707	TonB-dependent receptor, putative	2.69	0.000078005
PG0785	tonB protein, putative	1.58	0.0240424
PG1408	CzcD family heavy metal efflux protein	2.61	0.000159246
PG1552	TonB-dependent receptor HmuR	4.26	0.000934891
Electron transfer oxidoreductase			
Downregulated			
PG0195	rubrerythrin	-2.01	0.00224722
PG0303	ferredoxin	-3.39	0.00170861
PG0307	SoxR-reducing system protein R _{sx} E	-2.05	9.39909E-06
PG0475	oxygen-independent coproporphyrinogen III oxidase,	-1.76	2.77622E-05
PG0674	indolepyruvate oxidoreductase subunit B	-2.02	0.00428268
PG0675	indolepyruvate ferredoxin oxidoreductase, alpha	-2.08	0.000695611
PG1171	oxidoreductase, putative	-3.57	0.000741381
PG1421	ferredoxin, 4Fe-4S	-3.99	0.000100537

PG1812	2-ketoisovalerate ferredoxin reductase	-2.00	4.65917E-05
PG1813	ferredoxin, 4Fe-4S	-1.60	0.00290749
Upregulated			
PG0616	thioredoxin, putative	2.57	0.000278091
PG1858	flavodoxin FldA	4.26	1.95259E-05
Gene expression			
Downregulated			
PG0086	DEAD-box ATP dependent DNA helicase	-1.54	0.0003318
PG0095	DNA mismatch repair protein	-1.66	0.00542094
PG1040	transcriptional regulator, putative	-1.56	0.0016679
PG1095	RNA methyltransferase	-1.59	0.00128252
PG1940	elongation factor G	-1.62	0.0015362
PG0205	peptide chain release factor 3	-1.67	0.00114104
PG1941	30S ribosomal protein S7	-1.66	0.01446
PG1942	30S ribosomal protein S12	-1.61	0.00139773
PG1246	alanyl-tRNA synthetase	-1.61	0.000905771
PG2062	histidyl-tRNA synthetase	-1.58	0.0323153
Upregulated			
PG0162	ECF subfamily RNA polymerase sigma factor	1.56	0.0033556
PG0928	response regulator	2.39	2.58025E-05
PG0985	ECF subfamily RNA polymerase sigma factor	3.67	0.000345515
PG0997	transcriptional regulator, putative	1.59	0.0104686
PG1181	TetR family transcriptional regulator	4.73	0.000090869
PG1237	LuxR family transcriptional regulator	4.54	1.08098E-05
PG1240	TetR family transcriptional regulator	2.62	0.000192229
PG0592	50S ribosomal protein L31 type B	1.76	0.014037
PG2140	50S ribosomal protein L32	1.80	0.0183416
Metabolism			
Downregulated			
PG0046	phosphatidate cytidyltransferase	-1.74	0.000659988
PG0073	orotidine 5'-monophosphate decarboxylase	-1.59	0.00215094
PG0335	tRNA delta(2)-isopentenylpyrophosphate transferase	-1.60	0.00909349

PG0429	pyruvate synthase	-2.32	0.000024593
PG0430	2-oxoglutarate ferredoxin oxidoreductase subunit beta	-2.44	0.00141711
PG0433	tetrapyrrole methylase family protein	-1.55	0.000943561
PG0446	thiF protein	-2.98	0.000339606
PG0447	pantothenate kinase	-2.71	4.26893E-05
PG0477	pantoate--beta-alanine ligase	-1.52	0.00702077
PG0548	pyruvate ferredoxin/flavodoxin oxidoreductase family	-2.78	0.000341035
PG0603	cytidylate kinase	-1.62	7.05035E-05
PG0637	thiamine monophosphate kinase	-1.66	0.00113039
PG0665	beta-galactosidase	-1.62	0.000576108
PG0689	NAD-dependent 4-hydroxybutyrate dehydrogenase	-1.74	0.00621021
PG0953	deoxyuridine 5'-triphosphate nucleotidohydrolase	-1.58	0.0136063
PG1042	glycogen synthase, putative	-2.00	1.81653E-05
PG1065	dihydroorotate dehydrogenase	-1.54	0.0227584
PG1066	butyrate-acetoacetate CoA-transferase, subunit A	-1.52	0.000926144
PG1070	L-lysine 2,3-aminomutase	-1.61	0.00324722
PG1079	enoyl-CoA hydratase/isomerase family protein	-1.60	0.0191235
PG1116	methylenetetrahydrofolate	-1.65	0.105293
PG1170	SerB family protein	-1.56	0.00207734
PG1247	3-dehydroquininate synthase	-1.62	0.00253527
PG1289	GDP-fucose synthetase	-1.58	0.000795059
PG1417	fumarate hydratase class I, anaerobic	-1.56	0.000111157
PG1703	nucleoside triphosphate pyrophosphohydrolase	-2.01	0.0116282
PG1854	5-formyltetrahydrofolate cyclo-ligase family protein	-1.54	0.000276109
PG1887	tRNA 2-selenouridine synthase	-1.53	0.00750552
PG1809	2-oxoglutarate oxidoreductase, gamma subunit	-2.42	0.000096881
PG1810	2-oxoglutarate oxidoreductase, beta subunit	-2.45	4.43485E-06
PG2162	lipid A disaccharide synthase	-1.86	0.000123332
Upregulated			
PG0329	formiminotransferase-cyclodeaminase-related protein	1.51	0.195903
PG0531	NAD synthetase	1.72	0.000572173
PG0599	3,4-dihydroxy-2-butanone 4-phosphate synthase/GTP	1.60	0.0229352

PG1239	3-oxoacyl-(acyl-carrier-protein) reductase	1.58	0.0287076
PG1260	anaerobic ribonucleoside triphosphate reductase	1.53	0.0327142
PG1269	delta-1-pyrroline-5-carboxylate dehydrogenase	3.27	0.000158733
PG1271	acetylornithine aminotransferase, putative	3.55	0.00011387
PG1755	fructose-1,6-bisphosphate aldolase	1.75	0.000758387
PG1764	3-oxoacyl-(acyl-carrier-protein) synthase II	1.75	0.000950082
PG1829	long-chain-fatty-acid--CoA ligase, putative	1.61	0.00366884
PG1856	cytidine/deoxycytidylate deaminase family protein	3.22	0.000331671
PG2010	phosphomannomutase, putative	1.54	0.00014732
others			
Downregulated			
PG0047	cell division protein FtsH, putative	-1.92	6.17413E-05
PG0061	yngK protein	-1.61	0.00042613
PG0062	TPR domain-containing protein	-1.82	0.00378871
PG0443	hemagglutinin-related protein	-1.53	0.00531729
PG0445	peptidase T	-2.68	0.000359239
PG0476	yngK protein	-1.56	0.000555322
PG0691	NifU-related protein	-1.52	0.0118587
PG0753	protease	-1.66	0.000675949
PG0889	M24 family peptidase	-1.77	0.0039282
PG0890	alkaline phosphatase, putative	-1.60	0.00228231
PG1005	putative lipoprotein	-1.54	0.00305533
PG1173	YkgG family protein	-1.96	0.000405895
PG1392	rod shape-determining protein RodA, putative	-1.62	0.00140527
PG1393	penicillin-binding protein 2, putative	-1.59	0.000733634
PG1402	AP endonuclease domain-containing protein	-1.53	0.00367497
PG1542	collagenase	-1.70	6.07353E-05
PG1543	thioesterase family protein	-1.59	0.000918435
PG1545	superoxide dismutase, Fe-Mn	-1.94	0.0132979
PG1640	DNA-damage-inducible protein F	-1.59	0.0010419
PG1725	competence/damage inducible protein CinA	-1.66	0.00247067
PG1803	V-type ATP synthase subunit A	-1.59	0.000970027

PG1842	acetyltransferase	-1.62	0.00364978
PG1947	TPR domain-containing protein	-1.52	0.0030666
PG2148	xanthine/uracil permease family protein	-1.76	0.0024196
PG2159	protoporphyrinogen oxidase	-1.71	0.00090675
PG2163	stationary phase survival protein SurE	-1.59	0.00373065
PG2223	glycosyl transferase, group 2 family protein	-1.52	0.00774404
Upregulated			
PG0230	putative transaldolase	1.52	0.00963367
PG0245	universal stress protein	1.80	0.0178643
PG0537	aminoacyl-histidine dipeptidase	1.89	0.000462121
PG0553	extracellular protease, putative	1.50	0.00575909
PG0611	putative lipoprotein	2.11	4.24489E-05
PG0982	TPR domain-containing protein	1.93	0.00095856
PG1019	putative lipoprotein	14.88	4.42527E-06
PG1315	peptidyl-prolyl cis-trans isomerase SlyD, FKBP-type	1.66	0.00793888
PG1326	hemagglutinin, putative	2.02	0.0030826
PG1374	immunoreactive 47 kDa antigen PG97	3.66	1.02083E-05
PG1551	hmuY protein	4.82	0.000105366
PG1553	CobN/magnesium chelatase family protein	4.41	3.18255E-05
PG1765	acyl carrier protein	2.07	0.00084449
PG1798	immunoreactive 46 kDa antigen PG99	3.07	0.000152786
PG1870	UbiE/COQ5 family methyltransferase	4.02	7.26586E-05
PG2032	primosomal protein N'	1.64	0.00824246

Hypothetical proteins

Upregulated

PG0100	hypothetical protein PG0100	1.58	0.0210447
PG0161	hypothetical protein PG0161	1.85	0.0149102
PG0215	hypothetical protein PG0215	1.54	0.00358025
PG0246	hypothetical protein PG0246	1.72	0.00745587
PG0323	hypothetical protein PG0323	1.73	0.01337
PG0340	hypothetical protein PG0340	1.69	0.00193619

PG0409	hypothetical protein PG0409	1.72	0.0606269
PG0495	hypothetical protein PG0495	5.57	1.39604E-05
PG0612	hypothetical protein PG0612	2.01	7.82873E-05
PG0613	hypothetical protein PG0613	1.77	1.81037E-05
PG0614	hypothetical protein PG0614	1.61	0.00330564
PG0617	hypothetical protein PG0617	1.51	0.030067
PG0626	hypothetical protein PG0626	1.98	0.00119134
PG0686	hypothetical protein PG0686	2.67	0.000614345
PG0706	hypothetical protein PG0706	1.58	0.00110849
PG0795	hypothetical protein PG0795	1.53	0.00550054
PG0854	hypothetical protein PG0854	1.58	0.000869779
PG0914	hypothetical protein PG0914	2.07	0.00502313
PG0926	hypothetical protein PG0926	2.25	5.46577E-05
PG0927	hypothetical protein PG0927	2.24	9.97889E-05
PG0986	hypothetical protein PG0986	4.84	1.60826E-05
PG0987	hypothetical protein PG0987	5.40	1.50923E-05
PG0998	hypothetical protein PG0998	1.58	0.00611097
PG0999	hypothetical protein PG0999	1.59	0.000452405
PG1002	hypothetical protein PG1002	1.56	0.00178854
PG1003	hypothetical protein PG1003	1.51	0.00255704
PG1020	hypothetical protein PG1020	3.46	0.00142339
PG1021	hypothetical protein PG1021	2.19	0.000325709
PG1022	hypothetical protein PG1022	2.10	0.000262463
PG1083	hypothetical protein PG1083	1.55	0.00480999
PG1108	hypothetical protein PG1108	1.61	0.00406516
PG1178	hypothetical protein PG1178	9.23	1.61532E-05
PG1179	hypothetical protein PG1179	11.44	4.75679E-05
PG1180	hypothetical protein PG1180	11.06	1.53054E-05
PG1236	hypothetical protein PG1236	4.09	1.4261E-06
PG1250	hypothetical protein PG1250	1.67	0.00806457
PG1266	hypothetical protein PG1266	1.50	0.0438018
PG1268	hypothetical protein PG1268	3.77	0.000275612

PG1270	hypothetical protein PG1270	3.47	6.95924E-05
PG1291	hypothetical protein PG1291	1.52	0.00823727
PG1316	hypothetical protein PG1316	1.52	0.0250917
PG1335	hypothetical protein PG1335	1.52	0.00168363
PG1375	hypothetical protein PG1375	2.45	0.00217063
PG1465	hypothetical protein PG1465	1.68	0.0320402
PG1466	hypothetical protein PG1466	2.02	0.00522304
PG1519	hypothetical protein PG1519	1.53	0.0447752
PG1530	hypothetical protein PG1530	1.63	0.00904559
PG1554	hypothetical protein PG1554	2.88	0.000547691
PG1555	hypothetical protein PG1555	2.18	0.00124371
PG1625	hypothetical protein PG1625	4.73	2.63123E-06
PG1626	hypothetical protein PG1626	2.87	0.000168293
PG1659	hypothetical protein PG1659	1.76	0.00955792
PG1684	hypothetical protein PG1684	1.70	0.0268454
PG1770	hypothetical protein PG1770	1.60	0.089048
PG1825	hypothetical protein PG1825	1.58	0.00242489
PG1826	hypothetical protein PG1826	1.56	0.00147057
PG1857	hypothetical protein PG1857	5.19	0.000125453
PG1869	hypothetical protein PG1869	2.14	0.00244277
PG2049	hypothetical protein PG2049	1.52	0.0182126
PG2076	hypothetical protein PG2076	1.58	0.017771
PG2139	hypothetical protein PG2139	1.66	0.00527676
PG2227	hypothetical protein PG2227	1.50	0.0666141
Downregulated			
PG0060	hypothetical protein PG0060	-1.60	0.00146818
PG0069	hypothetical protein PG0069	-1.51	0.000699824
PG0082	hypothetical protein PG0082	-1.89	0.00118888
PG0083	hypothetical protein PG0083	-1.55	0.000125423
PG0132	hypothetical protein PG0132	-1.82	0.0607275
PG0133	hypothetical protein PG0133	-1.58	0.00574911
PG0224	hypothetical protein PG0224	-1.87	0.000568787

PG0259	hypothetical protein PG0259	-1.61	0.00442011
PG0302	hypothetical protein PG0302	-1.57	0.0023141
PG0431	hypothetical protein PG0431	-1.69	0.0491074
PG0547	hypothetical protein PG0547	-1.97	0.000429843
PG0728	hypothetical protein PG0728	-1.53	0.000149913
PG0844	hypothetical protein PG0844	-1.52	0.0692883
PG1067	hypothetical protein PG1067	-1.56	0.000603581
PG1068	hypothetical protein PG1068	-1.55	0.00610607
PG1071	hypothetical protein PG1071	-1.51	0.000768198
PG1214	hypothetical protein PG1214	-2.14	0.00120988
PG1429	hypothetical protein PG1429	-1.51	0.107265
PG1546	hypothetical protein PG1546	-1.87	0.0391424
PG1547	hypothetical protein PG1547	-1.55	0.015208
PG1639	hypothetical protein PG1639	-1.65	0.00080388
PG1738	hypothetical protein PG1738	-1.85	0.00619086
PG1778	hypothetical protein PG1778	-1.51	0.0161869
PG1802	hypothetical protein PG1802	-1.58	0.0385504
PG1811	hypothetical protein PG1811	-2.43	1.57401E-05
PG1846	hypothetical protein PG1846	-1.53	0.0079153
PG1977	hypothetical protein PG1977	-1.52	0.0262942
PG2021	hypothetical protein PG2021	-1.57	0.00271746
PG2079	hypothetical protein PG2079	-1.56	0.00413569
PG2126	hypothetical protein PG2126	-1.56	0.000765046
