

Table S3 RNAseq datasets

locus_tag	pseudocap_category	gene_id	gene_name	condition_comparison	log2FoldCl	padj
PA14_00230	DNA_replication_recombinat	PGD1650875	NA	DrhIR DcbrA vs WT	1.150421	0.001878
PA14_00230	membrane_proteins	PGD1650875	NA	DrhIR DcbrA vs WT	1.150421	0.001878
PA14_00310	translation_posttranslational	PGD1650887	NA	DrhIR DcbrA vs WT	1.281358	4.73E-15
PA14_00320	hypothetical_unclassified	PGD1650889	NA	DrhIR DcbrA vs WT	1.227627	5.55E-08
PA14_00430	transcriptional_regulators	PGD1650903	NA	DrhIR DcbrA vs WT	1.142499	3.10E-04
PA14_00430	two_component_regulators	PGD1650903	NA	DrhIR DcbrA vs WT	1.142499	3.10E-04
PA14_00450	amino_acid_biosynthesis_mε	PGD1650907	trpB	DrhIR DcbrA vs WT	1.062715	2.46E-05
PA14_00490	protein_secretion_export	PGD1650915	NA	DrhIR DcbrA vs WT	1.623477	4.28E-06
PA14_00630	hypothetical_unclassified	PGD1650937	NA	DrhIR DcbrA vs WT	-1.89854	1.52E-21
PA14_00640	putative_enzymes	PGD1650939	phzH	DrhIR DcbrA vs WT	-5.11489	3.24E-39
PA14_00650	hypothetical_unclassified	PGD1650941	NA	DrhIR DcbrA vs WT	-1.92521	3.29E-36
PA14_00860	protein_secretion_export	PGD1650981	tagT1	DrhIR DcbrA vs WT	1.374155	0.013445
PA14_00860	transport_of_small_moleculε	PGD1650981	tagT1	DrhIR DcbrA vs WT	1.374155	0.013445
PA14_01290	energy_metabolism_CAP	PGD1651049	coxB	DrhIR DcbrA vs WT	1.669764	1.94E-15
PA14_01310	central_intermediary_metab	PGD1651053	NA	DrhIR DcbrA vs WT	1.208381	2.69E-06
PA14_01310	energy_metabolism_CAP	PGD1651053	NA	DrhIR DcbrA vs WT	1.208381	2.69E-06
PA14_01340	hypothetical_unclassified	PGD1651059	NA	DrhIR DcbrA vs WT	1.459543	2.15E-13
PA14_01350	hypothetical_unclassified	PGD1651061	NA	DrhIR DcbrA vs WT	1.645772	1.74E-08
PA14_01360	energy_metabolism_CAP	PGD1651063	NA	DrhIR DcbrA vs WT	1.491087	3.09E-07
PA14_01360	membrane_proteins	PGD1651063	NA	DrhIR DcbrA vs WT	1.491087	3.09E-07
PA14_01390	energy_metabolism_CAP	PGD1651067	NA	DrhIR DcbrA vs WT	-1.48885	1.46E-20
PA14_01490	adaptation_and_protection	PGD1651083	NA	DrhIR DcbrA vs WT	-4.88648	2.27E-52
PA14_01490	putative_enzymes	PGD1651083	NA	DrhIR DcbrA vs WT	-4.88648	2.27E-52
PA14_01660	nucleotide_biosynthesis_and	PGD1651107	NA	DrhIR DcbrA vs WT	1.103898	1.03E-08
PA14_02220	chemotaxis	PGD1651191	NA	DrhIR DcbrA vs WT	-1.00756	7.99E-09
PA14_02370	membrane_proteins	PGD1651213	NA	DrhIR DcbrA vs WT	1.375808	0.041401
PA14_02510	transport_of_small_moleculε	PGD1651235	exbD1	DrhIR DcbrA vs WT	-1.51285	0.017085
PA14_02610	carbon_compound_catabolis	PGD1651251	NA	DrhIR DcbrA vs WT	1.124579	0.005211
PA14_02620	carbon_compound_catabolis	PGD1651253	NA	DrhIR DcbrA vs WT	1.640153	1.13E-06
PA14_02760	carbon_compound_catabolis	PGD1651277	NA	DrhIR DcbrA vs WT	-2.16902	3.93E-14
PA14_02770	carbon_compound_catabolis	PGD1651279	NA	DrhIR DcbrA vs WT	-2.21629	7.54E-09
PA14_02790	carbon_compound_catabolis	PGD1651281	pcaF	DrhIR DcbrA vs WT	-1.44618	1.03E-07
PA14_02790	fatty_acid_and_phospholipid	PGD1651281	pcaF	DrhIR DcbrA vs WT	-1.44618	1.03E-07
PA14_02830	carbon_compound_catabolis	PGD1651285	pcaB	DrhIR DcbrA vs WT	1.000883	0.002913
PA14_02900	carbon_compound_catabolis	PGD1651295	pcaK	DrhIR DcbrA vs WT	-3.51645	1.95E-24
PA14_02900	membrane_proteins	PGD1651295	pcaK	DrhIR DcbrA vs WT	-3.51645	1.95E-24
PA14_02900	transport_of_small_moleculε	PGD1651295	pcaK	DrhIR DcbrA vs WT	-3.51645	1.95E-24
PA14_02910	transcriptional_regulators	PGD1651297	NA	DrhIR DcbrA vs WT	-1.75952	6.60E-14
PA14_02970	membrane_proteins	PGD1651303	NA	DrhIR DcbrA vs WT	1.582189	3.72E-06
PA14_02990	transport_of_small_moleculε	PGD1651307	NA	DrhIR DcbrA vs WT	-1.79095	0.002162
PA14_03240	secreted_factors	PGD1651355	hcpC	DrhIR DcbrA vs WT	-1.74649	4.00E-09
PA14_03490	carbon_compound_catabolis	PGD1651401	NA	DrhIR DcbrA vs WT	-4.18896	7.73E-107
PA14_03510	hypothetical_unclassified	PGD1651403	NA	DrhIR DcbrA vs WT	-4.24185	4.47E-43
PA14_03520	hypothetical_unclassified	PGD1651405	NA	DrhIR DcbrA vs WT	-3.63704	2.33E-36
PA14_03550	transport_of_small_moleculε	PGD1651409	NA	DrhIR DcbrA vs WT	1.619562	0.010562
PA14_03650	transport_of_small_moleculε	PGD1651423	cysA	DrhIR DcbrA vs WT	-1.54794	1.22E-08
PA14_03670	membrane_proteins	PGD1651425	cysW	DrhIR DcbrA vs WT	-1.71753	5.99E-07
PA14_03670	transport_of_small_moleculε	PGD1651425	cysW	DrhIR DcbrA vs WT	-1.71753	5.99E-07
PA14_03680	membrane_proteins	PGD1651427	cysT	DrhIR DcbrA vs WT	-1.77297	2.81E-06

PA14_03680	transport_of_small_molecule	PGD1651427	cysT	DrhIR DcbrA vs WT	-1.77297	2.81E-06
PA14_03700	transport_of_small_molecule	PGD1651429	sbp	DrhIR DcbrA vs WT	-1.82769	1.15E-08
PA14_03710	hypothetical_unclassified	PGD1651431	NA	DrhIR DcbrA vs WT	-1.08044	0.024671
PA14_04230	membrane_proteins	PGD1651513	NA	DrhIR DcbrA vs WT	-2.36993	9.86E-04
PA14_04230	transport_of_small_molecule	PGD1651513	NA	DrhIR DcbrA vs WT	-2.36993	9.86E-04
PA14_04250	transport_of_small_molecule	PGD1651517	NA	DrhIR DcbrA vs WT	-1.40083	0.018373
PA14_04520	membrane_proteins	PGD1651557	NA	DrhIR DcbrA vs WT	1.381884	6.72E-12
PA14_04580	biosynthesis_of_cofactors	PGD1651567	folA	DrhIR DcbrA vs WT	-1.08765	5.88E-04
PA14_04580	central_intermediary_metab	PGD1651567	folA	DrhIR DcbrA vs WT	-1.08765	5.88E-04
PA14_04640	transport_of_small_molecule	PGD1651575	NA	DrhIR DcbrA vs WT	1.543408	6.34E-16
PA14_04650	translation_posttranslational	PGD1651577	pfpl	DrhIR DcbrA vs WT	1.422794	7.11E-13
PA14_05110	hypothetical_unclassified	PGD1651653	NA	DrhIR DcbrA vs WT	1.580023	1.24E-16
PA14_05380	chemotaxis	PGD1651697	pilK	DrhIR DcbrA vs WT	1.096752	3.62E-10
PA14_05410	chemotaxis	PGD1651703	NA	DrhIR DcbrA vs WT	1.431462	2.26E-10
PA14_05420	transcriptional_regulators	PGD1651705	NA	DrhIR DcbrA vs WT	1.405788	4.15E-08
PA14_05630	hypothetical_unclassified	PGD1651739	NA	DrhIR DcbrA vs WT	1.321354	8.99E-05
PA14_05660	transcriptional_regulators	PGD1651745	NA	DrhIR DcbrA vs WT	-2.03091	1.19E-39
PA14_05740	nucleotide_biosynthesis_and	PGD1651751	NA	DrhIR DcbrA vs WT	2.035298	0.006604
PA14_05740	putative_enzymes	PGD1651751	NA	DrhIR DcbrA vs WT	2.035298	0.006604
PA14_05750	amino_acid_biosynthesis_mε	PGD1651753	NA	DrhIR DcbrA vs WT	1.268433	0.030387
PA14_05750	putative_enzymes	PGD1651753	NA	DrhIR DcbrA vs WT	1.268433	0.030387
PA14_05770	nucleotide_biosynthesis_and	PGD1651755	dhT	DrhIR DcbrA vs WT	1.44018	3.09E-08
PA14_05890	membrane_proteins	PGD1651775	NA	DrhIR DcbrA vs WT	-1.24754	9.33E-08
PA14_06120	amino_acid_biosynthesis_mε	PGD1651805	NA	DrhIR DcbrA vs WT	-1.24338	3.54E-05
PA14_06180	transcriptional_regulators	PGD1651815	NA	DrhIR DcbrA vs WT	1.11125	0.002577
PA14_06260	transcriptional_regulators	PGD1651829	NA	DrhIR DcbrA vs WT	-1.02458	1.29E-05
PA14_06360	nucleotide_biosynthesis_and	PGD1651849	NA	DrhIR DcbrA vs WT	1.191324	7.62E-04
PA14_06360	putative_enzymes	PGD1651849	NA	DrhIR DcbrA vs WT	1.191324	7.62E-04
PA14_06390	hypothetical_unclassified	PGD1651851	NA	DrhIR DcbrA vs WT	1.153999	9.43E-07
PA14_06430	putative_enzymes	PGD1651857	NA	DrhIR DcbrA vs WT	1.430227	0.002957
PA14_06790	energy_metabolism_CAP	PGD1651907	NA	DrhIR DcbrA vs WT	-1.25318	1.62E-04
PA14_06800	hypothetical_unclassified	PGD1651909	NA	DrhIR DcbrA vs WT	-1.62295	1.58E-04
PA14_06830	energy_metabolism_CAP	PGD1651913	norB	DrhIR DcbrA vs WT	-1.1936	2.23E-05
PA14_06840	energy_metabolism_CAP	PGD1651915	NA	DrhIR DcbrA vs WT	-1.09083	1.02E-04
PA14_06860	hypothetical_unclassified	PGD1651917	NA	DrhIR DcbrA vs WT	1.000873	6.28E-04
PA14_06960	carbon_compound_catabolis	PGD1651937	NA	DrhIR DcbrA vs WT	-1.67049	5.39E-14
PA14_06960	energy_metabolism_CAP	PGD1651937	NA	DrhIR DcbrA vs WT	-1.67049	5.39E-14
PA14_06960	putative_enzymes	PGD1651937	NA	DrhIR DcbrA vs WT	-1.67049	5.39E-14
PA14_06970	transcriptional_regulators	PGD1651939	NA	DrhIR DcbrA vs WT	-1.41059	6.46E-19
PA14_07030	energy_metabolism_CAP	PGD1651951	NA	DrhIR DcbrA vs WT	-1.28233	6.71E-21
PA14_07200	hypothetical_unclassified	PGD1651975	NA	DrhIR DcbrA vs WT	1.264775	1.52E-16
PA14_07370	membrane_proteins	PGD1652003	NA	DrhIR DcbrA vs WT	1.117291	9.69E-07
PA14_07550	hypothetical_unclassified	PGD1652031	NA	DrhIR DcbrA vs WT	-1.42084	4.75E-07
PA14_07560	translation_posttranslational	PGD1652033	rpsU	DrhIR DcbrA vs WT	-1.20719	1.09E-07
PA14_07850	transport_of_small_molecule	PGD1652079	NA	DrhIR DcbrA vs WT	1.475484	5.23E-11
PA14_08270	hypothetical_unclassified	PGD1652155	NA	DrhIR DcbrA vs WT	1.342534	0.030727
NA	NA	PGD1652224	NA	DrhIR DcbrA vs WT	-1.00781	0.00305
PA14_08840	transcription_RNA_processin	PGD1652257	rpsJ	DrhIR DcbrA vs WT	-1.03074	8.91E-05
PA14_08840	translation_posttranslational	PGD1652257	rpsJ	DrhIR DcbrA vs WT	-1.03074	8.91E-05
PA14_08860	transcription_RNA_processin	PGD1652261	rplD	DrhIR DcbrA vs WT	-1.01468	2.94E-07

PA14_08860	translation_posttranslational	PGD1652261	rplD	DrhIR DcbrA vs WT	-1.01468	2.94E-07
PA14_08920	translation_posttranslational	PGD1652273	rplP	DrhIR DcbrA vs WT	-1.15557	3.38E-10
PA14_08940	translation_posttranslational	PGD1652277	rpsQ	DrhIR DcbrA vs WT	-1.00279	7.29E-06
PA14_09150	adaptation_and_protection	PGD1652313	katA	DrhIR DcbrA vs WT	-1.22088	3.26E-10
PA14_09400	putative_enzymes	PGD1652351	phzS	DrhIR DcbrA vs WT	-2.24919	2.64E-14
PA14_09410	secreted_factors	PGD1652353	phzG1	DrhIR DcbrA vs WT	-2.0246	0.001695
PA14_09440	secreted_factors	PGD1652357	phzE1	DrhIR DcbrA vs WT	-3.52637	5.95E-20
PA14_09450	secreted_factors	PGD1652359	phzD1	DrhIR DcbrA vs WT	-7.06561	1.57E-07
PA14_09460	secreted_factors	PGD1652361	phzC1	DrhIR DcbrA vs WT	-2.59648	1.43E-05
PA14_09470	secreted_factors	PGD1652363	phzB1	DrhIR DcbrA vs WT	-2.30018	1.28E-06
PA14_09480	secreted_factors	PGD1652365	phzA1	DrhIR DcbrA vs WT	-6.54533	9.22E-07
PA14_09490	putative_enzymes	PGD1652367	phzM	DrhIR DcbrA vs WT	-1.48269	9.77E-12
PA14_09500	membrane_proteins	PGD1652369	opmD	DrhIR DcbrA vs WT	-4.55601	1.15E-23
PA14_09500	transport_of_small_molecule	PGD1652369	opmD	DrhIR DcbrA vs WT	-4.55601	1.15E-23
PA14_09520	transport_of_small_molecule	PGD1652371	mexI	DrhIR DcbrA vs WT	-3.74856	3.17E-57
PA14_09530	transport_of_small_molecule	PGD1652373	mexH	DrhIR DcbrA vs WT	-6.02841	1.67E-31
PA14_09540	membrane_proteins	PGD1652375	mexG	DrhIR DcbrA vs WT	-5.58685	4.52E-29
PA14_10330	protein_secretion_export	PGD1652499	NA	DrhIR DcbrA vs WT	1.58305	8.98E-21
PA14_10340	protein_secretion_export	PGD1652501	NA	DrhIR DcbrA vs WT	1.752912	5.13E-13
PA14_10360	hypothetical_unclassified	PGD1652505	NA	DrhIR DcbrA vs WT	-3.01214	8.21E-46
PA14_10370	fatty_acid_and_phospholipid	PGD1652507	NA	DrhIR DcbrA vs WT	2.468529	5.71E-21
PA14_10380	hypothetical_unclassified	PGD1652509	NA	DrhIR DcbrA vs WT	2.199461	1.04E-49
PA14_10500	energy_metabolism_CAP	PGD1652525	NA	DrhIR DcbrA vs WT	-1.14336	3.14E-17
PA14_10530	transcriptional_regulators	PGD1652527	NA	DrhIR DcbrA vs WT	-1.44688	3.06E-30
PA14_10540	energy_metabolism_CAP	PGD1652529	NA	DrhIR DcbrA vs WT	-1.75407	9.95E-39
PA14_10550	central_intermediary_metab	PGD1652531	NA	DrhIR DcbrA vs WT	-1.09002	2.55E-52
PA14_10560	hypothetical_unclassified	PGD1652533	NA	DrhIR DcbrA vs WT	-1.24631	3.49E-08
PA14_10650	central_intermediary_metab	PGD1652549	NA	DrhIR DcbrA vs WT	-1.59068	0.03061
PA14_10850	putative_enzymes	PGD1652581	NA	DrhIR DcbrA vs WT	-1.01064	0.00161
PA14_10950	hypothetical_unclassified	PGD1652595	NA	DrhIR DcbrA vs WT	-1.30854	5.41E-04
PA14_10990	carbon_compound_catabolis	PGD1652603	hpaC	DrhIR DcbrA vs WT	-2.18197	5.75E-09
PA14_11000	carbon_compound_catabolis	PGD1652605	hpaA	DrhIR DcbrA vs WT	-1.03604	2.35E-06
PA14_11110	motility_and_attachment	PGD1652625	cupB6	DrhIR DcbrA vs WT	1.144611	0.006788
PA14_11130	putative_enzymes	PGD1652629	NA	DrhIR DcbrA vs WT	-1.60577	7.35E-24
PA14_11140	biosynthesis_of_cofactors	PGD1652631	NA	DrhIR DcbrA vs WT	-4.64104	7.57E-91
PA14_11150	transcriptional_regulators	PGD1652633	NA	DrhIR DcbrA vs WT	-1.33845	0.021058
PA14_11190	putative_enzymes	PGD1652641	NA	DrhIR DcbrA vs WT	-1.26234	2.60E-08
PA14_11240	transcriptional_regulators	PGD1652647	NA	DrhIR DcbrA vs WT	-1.31176	6.44E-17
PA14_11730	translation_posttranslational	PGD1652729	NA	DrhIR DcbrA vs WT	1.217752	1.23E-04
PA14_12640	hypothetical_unclassified	PGD1652863	NA	DrhIR DcbrA vs WT	-1.39149	0.021208
PA14_12740	hypothetical_unclassified	PGD1652879	NA	DrhIR DcbrA vs WT	1.008471	3.35E-04
PA14_12920	transport_of_small_molecule	PGD1652907	NA	DrhIR DcbrA vs WT	-2.13111	1.71E-07
PA14_12940	transport_of_small_molecule	PGD1652909	NA	DrhIR DcbrA vs WT	-2.31007	3.49E-06
PA14_13010	hypothetical_unclassified	PGD1652921	NA	DrhIR DcbrA vs WT	-1.13608	6.15E-04
PA14_13130	hypothetical_unclassified	PGD1652937	NA	DrhIR DcbrA vs WT	-1.67862	2.46E-17
PA14_13140	hypothetical_unclassified	PGD1652939	NA	DrhIR DcbrA vs WT	-2.21428	2.76E-25
PA14_13170	transport_of_small_molecule	PGD1652943	NA	DrhIR DcbrA vs WT	-3.74885	1.50E-52
PA14_13190	hypothetical_unclassified	PGD1652945	NA	DrhIR DcbrA vs WT	-1.01079	3.55E-08
PA14_13210	hypothetical_unclassified	PGD1652949	NA	DrhIR DcbrA vs WT	-3.30817	2.54E-49
PA14_13230	biosynthesis_of_cofactors	PGD1652953	moaC	DrhIR DcbrA vs WT	-1.20781	3.67E-14

PA14_13240	biosynthesis_of_cofactors	PGD1652955	moaD	DrhIR DcbrA vs WT	-1.75311	2.54E-09
PA14_13250	biosynthesis_of_cofactors	PGD1652957	moaE	DrhIR DcbrA vs WT	-1.42395	3.26E-10
PA14_13260	biosynthesis_of_cofactors	PGD1652959	moaB1	DrhIR DcbrA vs WT	-1.90767	1.04E-12
PA14_13280	biosynthesis_of_cofactors	PGD1652961	moeA1	DrhIR DcbrA vs WT	-1.84348	7.87E-09
PA14_13300	translation_posttranslational	PGD1652965	NA	DrhIR DcbrA vs WT	-1.18444	4.53E-05
PA14_13340	transcription_RNA_processin	PGD1652971	NA	DrhIR DcbrA vs WT	-1.3041	3.60E-06
PA14_13450	membrane_proteins	PGD1652989	NA	DrhIR DcbrA vs WT	1.171514	0.016479
PA14_13460	transcriptional_regulators	PGD1652991	NA	DrhIR DcbrA vs WT	1.376027	0.011262
PA14_13580	transport_of_small_molecul	PGD1653007	NA	DrhIR DcbrA vs WT	1.237758	2.67E-05
PA14_13590	membrane_proteins	PGD1653009	NA	DrhIR DcbrA vs WT	1.313277	8.15E-06
PA14_13590	transport_of_small_molecul	PGD1653009	NA	DrhIR DcbrA vs WT	1.313277	8.15E-06
PA14_13610	membrane_proteins	PGD1653013	NA	DrhIR DcbrA vs WT	1.056745	7.87E-07
PA14_13610	transport_of_small_molecul	PGD1653013	NA	DrhIR DcbrA vs WT	1.056745	7.87E-07
PA14_13630	hypothetical_unclassified	PGD1653017	NA	DrhIR DcbrA vs WT	1.484016	9.26E-13
PA14_13770	transport_of_small_molecul	PGD1653039	narK2	DrhIR DcbrA vs WT	-1.00924	6.02E-05
PA14_13780	energy_metabolism_CAP	PGD1653041	narG	DrhIR DcbrA vs WT	-1.24832	4.89E-08
PA14_13800	energy_metabolism_CAP	PGD1653043	narH	DrhIR DcbrA vs WT	-1.26696	1.71E-07
PA14_13810	energy_metabolism_CAP	PGD1653045	narJ	DrhIR DcbrA vs WT	-1.1957	7.54E-04
PA14_13830	energy_metabolism_CAP	PGD1653047	narI	DrhIR DcbrA vs WT	-1.54679	3.58E-08
PA14_13840	chaperones_heat_shock	PGD1653049	NA	DrhIR DcbrA vs WT	-1.25088	2.98E-04
PA14_13840	translation_posttranslational	PGD1653049	NA	DrhIR DcbrA vs WT	-1.25088	2.98E-04
PA14_13850	biosynthesis_of_cofactors	PGD1653051	moaA	DrhIR DcbrA vs WT	-1.09545	0.00116
PA14_14320	hypothetical_unclassified	PGD1653121	NA	DrhIR DcbrA vs WT	-1.07914	0.029346
PA14_14370	transport_of_small_molecul	PGD1653129	NA	DrhIR DcbrA vs WT	-1.00961	8.53E-07
PA14_14560	hypothetical_unclassified	PGD1653165	NA	DrhIR DcbrA vs WT	-1.18227	4.48E-05
PA14_14610	protein_secretion_export	PGD1653173	yajC	DrhIR DcbrA vs WT	-1.00965	1.71E-07
PA14_15050	membrane_proteins	PGD1653235	NA	DrhIR DcbrA vs WT	-1.12628	4.60E-18
PA14_15070	transport_of_small_molecul	PGD1653237	oprC	DrhIR DcbrA vs WT	-1.16872	2.91E-11
PA14_16100	hypothetical_unclassified	PGD1653413	NA	DrhIR DcbrA vs WT	-2.65146	1.79E-35
PA14_16250	amino_acid_biosynthesis_m	PGD1653435	lasB	DrhIR DcbrA vs WT	-4.00675	6.50E-41
PA14_16250	secreted_factors	PGD1653435	lasB	DrhIR DcbrA vs WT	-4.00675	6.50E-41
PA14_16250	translation_posttranslational	PGD1653435	lasB	DrhIR DcbrA vs WT	-4.00675	6.50E-41
PA14_16310	membrane_proteins	PGD1653447	NA	DrhIR DcbrA vs WT	-1.88603	9.40E-10
PA14_16310	transport_of_small_molecul	PGD1653447	NA	DrhIR DcbrA vs WT	-1.88603	9.40E-10
PA14_16410	transport_of_small_molecul	PGD1653465	NA	DrhIR DcbrA vs WT	-1.21717	1.45E-05
PA14_16680	hypothetical_unclassified	PGD1653507	NA	DrhIR DcbrA vs WT	-1.2862	3.43E-14
PA14_16990	hypothetical_unclassified	PGD1653559	NA	DrhIR DcbrA vs WT	3.412398	5.99E-20
PA14_17480	transcriptional_regulators	PGD1653639	rpoS	DrhIR DcbrA vs WT	-1.00791	8.72E-08
PA14_17700	translation_posttranslational	PGD1653681	rpmE2	DrhIR DcbrA vs WT	-1.00414	4.86E-04
PA14_17810	putative_enzymes	PGD1653697	NA	DrhIR DcbrA vs WT	1.262102	0.013154
PA14_17910	putative_enzymes	PGD1653711	NA	DrhIR DcbrA vs WT	1.337064	2.85E-06
PA14_18020	secreted_factors	PGD1653727	NA	DrhIR DcbrA vs WT	1.425701	2.46E-17
PA14_18100	hypothetical_unclassified	PGD1653741	NA	DrhIR DcbrA vs WT	1.372819	8.17E-05
PA14_18565	adaptation_and_protection	PGD1653803	alg8	DrhIR DcbrA vs WT	1.090843	0.015822
PA14_18565	cell_wall_LPS	PGD1653803	alg8	DrhIR DcbrA vs WT	1.090843	0.015822
PA14_18565	secreted_factors	PGD1653803	alg8	DrhIR DcbrA vs WT	1.090843	0.015822
PA14_18630	putative_enzymes	PGD1653815	NA	DrhIR DcbrA vs WT	-1.23592	2.46E-15
PA14_18800	transport_of_small_molecul	PGD1653845	NA	DrhIR DcbrA vs WT	-5.27642	6.51E-55
PA14_18810	hypothetical_unclassified	PGD1653847	NA	DrhIR DcbrA vs WT	-2.36025	1.41E-13
PA14_18850	carbon_compound_catabolis	PGD1653853	NA	DrhIR DcbrA vs WT	1.375148	0.001487

PA14_18850	putative_enzymes	PGD1653853	NA	DrhIR DcbrA vs WT	1.375148	0.001487
PA14_18960	hypothetical_unclassified	PGD1653873	tli5a	DrhIR DcbrA vs WT	-1.93899	1.41E-16
PA14_18970	fatty_acid_and_phospholipid	PGD1653875	pIdA	DrhIR DcbrA vs WT	-1.41558	3.56E-17
PA14_18985	hypothetical_unclassified	PGD1653877	vgrG4b	DrhIR DcbrA vs WT	-1.66164	1.03E-13
PA14_19100	secreted_factors	PGD1653891	rhIA	DrhIR DcbrA vs WT	-6.75203	2.27E-37
PA14_19120	transcriptional_regulators	PGD1653895	rhIR	DrhIR DcbrA vs WT	-6.05744	1.48E-51
PA14_19140	amino_acid_biosynthesis_mε	PGD1653899	pheC	DrhIR DcbrA vs WT	-1.15345	1.20E-14
PA14_19350	carbon_compound_catabolis	PGD1653927	NA	DrhIR DcbrA vs WT	1.073064	3.63E-05
PA14_19360	putative_enzymes	PGD1653929	NA	DrhIR DcbrA vs WT	1.098621	1.93E-05
PA14_19500	transport_of_small_moleculε	PGD1653951	NA	DrhIR DcbrA vs WT	-1.2256	0.021217
PA14_19590	central_intermediary_metab	PGD1653967	NA	DrhIR DcbrA vs WT	-2.35573	2.62E-04
PA14_19750	hypothetical_unclassified	PGD1653999	NA	DrhIR DcbrA vs WT	-1.47396	0.001271
PA14_19920	energy_metabolism_CAP	PGD1654019	NA	DrhIR DcbrA vs WT	-1.06429	2.35E-07
PA14_20060	hypothetical_unclassified	PGD1654045	NA	DrhIR DcbrA vs WT	1.026875	3.49E-06
PA14_20140	biosynthesis_of_cofactors	PGD1654059	fpr	DrhIR DcbrA vs WT	-1.54977	1.41E-11
PA14_20140	energy_metabolism_CAP	PGD1654059	fpr	DrhIR DcbrA vs WT	-1.54977	1.41E-11
PA14_20250	antibiotic_resistance_and_su	PGD1654075	NA	DrhIR DcbrA vs WT	1.420403	4.03E-05
PA14_20470	membrane_proteins	PGD1654113	NA	DrhIR DcbrA vs WT	1.010504	1.53E-05
PA14_20530	hypothetical_unclassified	PGD1654125	NA	DrhIR DcbrA vs WT	1.386739	0.001523
PA14_20560	carbon_compound_catabolis	PGD1654129	amiE	DrhIR DcbrA vs WT	1.260684	2.64E-09
PA14_20610	motility_and_attachment	PGD1654139	lecB	DrhIR DcbrA vs WT	-7.45339	1.21E-33
PA14_20620	secreted_factors	PGD1654141	NA	DrhIR DcbrA vs WT	1.03247	0.005038
PA14_20900	membrane_proteins	PGD1654189	NA	DrhIR DcbrA vs WT	-2.41391	5.43E-18
PA14_20920	hypothetical_unclassified	PGD1654191	NA	DrhIR DcbrA vs WT	-1.4483	7.59E-16
PA14_20940	fatty_acid_and_phospholipid	PGD1654193	NA	DrhIR DcbrA vs WT	-3.27217	3.43E-20
PA14_20950	fatty_acid_and_phospholipid	PGD1654195	fabH2	DrhIR DcbrA vs WT	-3.38651	2.00E-26
PA14_20960	putative_enzymes	PGD1654197	NA	DrhIR DcbrA vs WT	-2.69404	1.41E-12
PA14_20970	adaptation_and_protection	PGD1654199	cyp23	DrhIR DcbrA vs WT	-3.51849	3.25E-26
PA14_20980	putative_enzymes	PGD1654201	NA	DrhIR DcbrA vs WT	-2.50622	1.89E-19
PA14_21000	hypothetical_unclassified	PGD1654203	NA	DrhIR DcbrA vs WT	-3.47503	8.06E-29
PA14_21010	energy_metabolism_CAP	PGD1654205	NA	DrhIR DcbrA vs WT	-3.17069	5.33E-21
PA14_21020	biosynthesis_of_cofactors	PGD1654207	NA	DrhIR DcbrA vs WT	-2.25487	2.76E-25
PA14_21030	cell_wall_LPS	PGD1654209	NA	DrhIR DcbrA vs WT	-2.1533	7.64E-37
PA14_21030	translation_posttranslational	PGD1654209	NA	DrhIR DcbrA vs WT	-2.1533	7.64E-37
PA14_21450	hypothetical_unclassified	PGD1654275	NA	DrhIR DcbrA vs WT	-1.09133	7.86E-08
PA14_21460	hypothetical_unclassified	PGD1654277	NA	DrhIR DcbrA vs WT	-1.11314	1.50E-04
PA14_21470	hypothetical_unclassified	PGD1654279	NA	DrhIR DcbrA vs WT	-1.41957	5.10E-09
PA14_21480	hypothetical_unclassified	PGD1654281	tli1	DrhIR DcbrA vs WT	-1.52789	2.35E-06
PA14_21570	hypothetical_unclassified	PGD1654297	NA	DrhIR DcbrA vs WT	2.482333	6.47E-05
PA14_21580	hypothetical_unclassified	PGD1654299	NA	DrhIR DcbrA vs WT	1.895049	0.007423
PA14_21590	hypothetical_unclassified	PGD1654301	NA	DrhIR DcbrA vs WT	1.738243	0.023368
PA14_21600	membrane_proteins	PGD1654303	NA	DrhIR DcbrA vs WT	2.417912	8.49E-04
PA14_21610	transport_of_small_moleculε	PGD1654305	oprO	DrhIR DcbrA vs WT	1.488919	1.43E-05
PA14_21630	membrane_proteins	PGD1654309	NA	DrhIR DcbrA vs WT	1.693627	3.86E-11
PA14_21670	hypothetical_unclassified	PGD1654317	NA	DrhIR DcbrA vs WT	1.541304	3.11E-14
PA14_21680	hypothetical_unclassified	PGD1654319	NA	DrhIR DcbrA vs WT	1.476325	1.36E-09
PA14_21830	hypothetical_unclassified	PGD1654347	NA	DrhIR DcbrA vs WT	1.066996	1.09E-14
PA14_22110	hypothetical_unclassified	PGD1654399	NA	DrhIR DcbrA vs WT	1.165741	0.004187
PA14_22220	hypothetical_unclassified	PGD1654415	NA	DrhIR DcbrA vs WT	-1.45696	0.013685
PA14_22320	membrane_proteins	PGD1654433	NA	DrhIR DcbrA vs WT	-2.36223	1.19E-06

PA14_22340	membrane_proteins	PGD1654437	NA	DrhIR DcbrA vs WT	1.188819	5.84E-06
PA14_22740	transport_of_small_molecule	PGD1654509	NA	DrhIR DcbrA vs WT	1.061648	0.046184
PA14_22880	hypothetical_unclassified	PGD1654529	NA	DrhIR DcbrA vs WT	1.798516	1.18E-05
PA14_22990	transport_of_small_molecule	PGD1654543	NA	DrhIR DcbrA vs WT	-1.05726	2.63E-06
PA14_23680	chaperones_heat_shock	PGD1654661	ibpA	DrhIR DcbrA vs WT	2.106727	1.68E-07
PA14_23970	protein_secretion_export	PGD1654703	xcpQ	DrhIR DcbrA vs WT	-1.22232	2.88E-23
NA	NA	PGD1654728	NA	DrhIR DcbrA vs WT	-1.40561	8.65E-07
NA	NA	PGD1654730	NA	DrhIR DcbrA vs WT	-1.1486	7.32E-05
PA14_24180	hypothetical_unclassified	PGD1654737	NA	DrhIR DcbrA vs WT	1.436122	1.93E-25
PA14_24190	amino_acid_biosynthesis_mε	PGD1654739	NA	DrhIR DcbrA vs WT	1.028618	9.23E-05
PA14_24500	cell_wall_LPS	PGD1654791	pelC	DrhIR DcbrA vs WT	1.060042	8.15E-04
PA14_24500	fatty_acid_and_phospholipid	PGD1654791	pelC	DrhIR DcbrA vs WT	1.060042	8.15E-04
PA14_24530	cell_wall_LPS	PGD1654795	pelE	DrhIR DcbrA vs WT	1.097761	0.00136
PA14_24860	energy_metabolism_CAP	PGD1654853	snr1	DrhIR DcbrA vs WT	-1.00275	6.85E-07
PA14_26020	secreted_factors	PGD1655043	NA	DrhIR DcbrA vs WT	-1.17808	7.58E-06
PA14_26190	hypothetical_unclassified	PGD1655067	NA	DrhIR DcbrA vs WT	-1.5293	8.59E-11
PA14_26330	transcriptional_regulators	PGD1655089	NA	DrhIR DcbrA vs WT	1.53626	7.25E-12
PA14_26340	membrane_proteins	PGD1655091	NA	DrhIR DcbrA vs WT	3.221339	5.91E-07
PA14_26600	transcriptional_regulators	PGD1655131	sbri	DrhIR DcbrA vs WT	1.139639	1.32E-15
PA14_26610	transcriptional_regulators	PGD1655133	sbrR	DrhIR DcbrA vs WT	1.075765	4.31E-07
PA14_26650	putative_enzymes	PGD1655139	NA	DrhIR DcbrA vs WT	-1.01156	0.015393
PA14_26670	fatty_acid_and_phospholipid	PGD1655141	NA	DrhIR DcbrA vs WT	-1.32967	2.14E-08
PA14_26700	fatty_acid_and_phospholipid	PGD1655145	NA	DrhIR DcbrA vs WT	-1.91148	5.21E-12
PA14_26700	putative_enzymes	PGD1655145	NA	DrhIR DcbrA vs WT	-1.91148	5.21E-12
PA14_26720	fatty_acid_and_phospholipid	PGD1655147	NA	DrhIR DcbrA vs WT	-1.79846	5.44E-13
PA14_26720	putative_enzymes	PGD1655147	NA	DrhIR DcbrA vs WT	-1.79846	5.44E-13
PA14_26730	putative_enzymes	PGD1655149	NA	DrhIR DcbrA vs WT	-2.12817	4.51E-08
PA14_26750	hypothetical_unclassified	PGD1655151	NA	DrhIR DcbrA vs WT	-1.6876	7.55E-14
PA14_26780	hypothetical_unclassified	PGD1655157	NA	DrhIR DcbrA vs WT	1.591236	6.52E-12
PA14_26980	hypothetical_unclassified	PGD1655185	NA	DrhIR DcbrA vs WT	1.555934	6.75E-15
PA14_27210	translation_posttranslational	PGD1655221	efp	DrhIR DcbrA vs WT	-1.09697	3.19E-08
PA14_27220	adaptation_and_protection	PGD1655223	ohr	DrhIR DcbrA vs WT	-1.70562	2.55E-15
PA14_27230	transcriptional_regulators	PGD1655225	NA	DrhIR DcbrA vs WT	-1.09613	4.58E-06
PA14_27270	membrane_proteins	PGD1655229	NA	DrhIR DcbrA vs WT	-1.51378	1.14E-08
NA	NA	PGD1655290	NA	DrhIR DcbrA vs WT	-1.02326	0.002428
PA14_27680	hypothetical_unclassified	PGD1655301	NA	DrhIR DcbrA vs WT	1.155046	7.91E-08
PA14_27870	hypothetical_unclassified	PGD1655331	NA	DrhIR DcbrA vs WT	1.229476	2.59E-11
PA14_28050	adaptation_and_protection	PGD1655365	NA	DrhIR DcbrA vs WT	-1.53462	8.83E-14
PA14_28050	chemotaxis	PGD1655365	NA	DrhIR DcbrA vs WT	-1.53462	8.83E-14
PA14_28100	hypothetical_unclassified	PGD1655375	NA	DrhIR DcbrA vs WT	1.11788	0.008927
PA14_28110	hypothetical_unclassified	PGD1655377	NA	DrhIR DcbrA vs WT	1.679291	0.001143
PA14_28170	transport_of_small_molecule	PGD1655387	NA	DrhIR DcbrA vs WT	1.382976	2.56E-18
PA14_28230	hypothetical_unclassified	PGD1655399	NA	DrhIR DcbrA vs WT	-1.18272	1.21E-05
PA14_28250	secreted_factors	PGD1655403	NA	DrhIR DcbrA vs WT	-4.26316	3.46E-46
PA14_28260	hypothetical_unclassified	PGD1655405	NA	DrhIR DcbrA vs WT	-1.58978	3.11E-10
PA14_28280	central_intermediary_metab	PGD1655407	NA	DrhIR DcbrA vs WT	-1.26794	4.13E-11
PA14_28350	hypothetical_unclassified	PGD1655421	NA	DrhIR DcbrA vs WT	1.116414	1.20E-10
PA14_28360	hypothetical_unclassified	PGD1655423	NA	DrhIR DcbrA vs WT	-4.97724	2.75E-37
PA14_28370	membrane_proteins	PGD1655425	NA	DrhIR DcbrA vs WT	-2.47182	1.40E-10
PA14_28380	hypothetical_unclassified	PGD1655427	NA	DrhIR DcbrA vs WT	-1.10756	4.97E-05

PA14_28410	hypothetical_unclassified	PGD1655433	NA	DrhIR DcbrA vs WT	-2.91652	5.01E-08
PA14_28490	membrane_proteins	PGD1655447	NA	DrhIR DcbrA vs WT	1.030026	1.03E-05
PA14_28520	hypothetical_unclassified	PGD1655453	NA	DrhIR DcbrA vs WT	1.334383	6.76E-08
PA14_28530	membrane_proteins	PGD1655455	NA	DrhIR DcbrA vs WT	1.436507	1.44E-24
PA14_28630	putative_enzymes	PGD1655473	NA	DrhIR DcbrA vs WT	1.074896	1.00E-09
PA14_29090	transport_of_small_molecule	PGD1655555	NA	DrhIR DcbrA vs WT	-1.02443	0.001473
PA14_29120	hypothetical_unclassified	PGD1655561	NA	DrhIR DcbrA vs WT	1.28538	2.59E-14
PA14_29300	transcriptional_regulators	PGD1655593	NA	DrhIR DcbrA vs WT	1.362642	6.41E-08
PA14_29420	putative_enzymes	PGD1655612	NA	DrhIR DcbrA vs WT	-1.08242	4.60E-07
PA14_29470	hypothetical_unclassified	PGD1655618	NA	DrhIR DcbrA vs WT	1.80099	8.40E-24
PA14_29620	transcriptional_regulators	PGD1655646	NA	DrhIR DcbrA vs WT	1.297213	3.07E-06
PA14_29650	hypothetical_unclassified	PGD1655650	NA	DrhIR DcbrA vs WT	1.200713	0.027656
PA14_30240	translation_posttranslational	PGD1655738	infA	DrhIR DcbrA vs WT	-1.30717	8.23E-06
PA14_30490	energy_metabolism_CAP	PGD1655782	NA	DrhIR DcbrA vs WT	-1.05052	0.018674
PA14_30560	translation_posttranslational	PGD1655792	NA	DrhIR DcbrA vs WT	-2.13498	1.72E-18
PA14_30570	transport_of_small_molecule	PGD1655794	NA	DrhIR DcbrA vs WT	-1.84609	1.64E-24
PA14_30620	transcriptional_regulators	PGD1655802	NA	DrhIR DcbrA vs WT	-2.90648	9.56E-74
PA14_30630	biosynthesis_of_cofactors	PGD1655804	pqsH	DrhIR DcbrA vs WT	-1.05223	1.68E-07
PA14_30850	relative_phage_transposon	PGD1655844	NA	DrhIR DcbrA vs WT	1.095025	0.008004
PA14_30970	transcriptional_regulators	PGD1655866	NA	DrhIR DcbrA vs WT	1.387671	0.001509
PA14_31280	relative_phage_transposon	PGD1655920	NA	DrhIR DcbrA vs WT	-1.3386	3.16E-09
PA14_31290	adaptation_and_protection	PGD1655922	pa1L	DrhIR DcbrA vs WT	-6.53	1.26E-39
PA14_31290	cell_wall_LPS	PGD1655922	pa1L	DrhIR DcbrA vs WT	-6.53	1.26E-39
PA14_31290	motility_and_attachment	PGD1655922	pa1L	DrhIR DcbrA vs WT	-6.53	1.26E-39
PA14_31350	energy_metabolism_CAP	PGD1655932	NA	DrhIR DcbrA vs WT	-3.21343	9.52E-74
PA14_31360	hypothetical_unclassified	PGD1655934	NA	DrhIR DcbrA vs WT	-3.27777	8.24E-58
PA14_31370	putative_enzymes	PGD1655936	NA	DrhIR DcbrA vs WT	-2.5464	7.19E-55
PA14_31530	fatty_acid_and_phospholipid	PGD1655962	NA	DrhIR DcbrA vs WT	-1.17051	7.65E-06
PA14_31530	putative_enzymes	PGD1655962	NA	DrhIR DcbrA vs WT	-1.17051	7.65E-06
PA14_31540	energy_metabolism_CAP	PGD1655964	NA	DrhIR DcbrA vs WT	-1.10994	6.79E-07
PA14_31950	two_component_regulators	PGD1656022	NA	DrhIR DcbrA vs WT	1.01976	0.010612
PA14_31960	two_component_regulators	PGD1656024	NA	DrhIR DcbrA vs WT	1.296521	4.71E-06
PA14_32060	transcriptional_regulators	PGD1656032	xylS	DrhIR DcbrA vs WT	-1.32777	3.79E-05
PA14_32140	energy_metabolism_CAP	PGD1656042	antC	DrhIR DcbrA vs WT	-4.59601	1.47E-13
PA14_32150	biosynthesis_of_cofactors	PGD1656044	antB	DrhIR DcbrA vs WT	-4.37007	1.19E-06
PA14_32160	carbon_compound_catabolis	PGD1656046	antA	DrhIR DcbrA vs WT	-3.03642	7.73E-18
PA14_32190	transcriptional_regulators	PGD1656048	NA	DrhIR DcbrA vs WT	-1.93971	1.94E-14
PA14_32220	carbon_compound_catabolis	PGD1656052	catB	DrhIR DcbrA vs WT	-2.85803	2.27E-09
PA14_32230	carbon_compound_catabolis	PGD1656054	catC	DrhIR DcbrA vs WT	-3.12038	8.07E-14
PA14_32240	carbon_compound_catabolis	PGD1656056	catA	DrhIR DcbrA vs WT	-2.67271	3.06E-14
PA14_32250	hypothetical_unclassified	PGD1656058	NA	DrhIR DcbrA vs WT	-1.53594	0.006905
PA14_32380	antibiotic_resistance_and_su	PGD1656080	oprN	DrhIR DcbrA vs WT	1.126671	0.016851
PA14_32380	membrane_proteins	PGD1656080	oprN	DrhIR DcbrA vs WT	1.126671	0.016851
PA14_32380	transport_of_small_molecule	PGD1656080	oprN	DrhIR DcbrA vs WT	1.126671	0.016851
PA14_32440	hypothetical_unclassified	PGD1656090	NA	DrhIR DcbrA vs WT	1.059671	1.34E-04
PA14_32490	hypothetical_unclassified	PGD1656100	NA	DrhIR DcbrA vs WT	1.368558	3.81E-08
PA14_32830	hypothetical_unclassified	PGD1656152	NA	DrhIR DcbrA vs WT	1.262936	1.48E-06
PA14_32860	hypothetical_unclassified	PGD1656158	NA	DrhIR DcbrA vs WT	1.133388	5.54E-05
PA14_33050	hypothetical_unclassified	PGD1656184	NA	DrhIR DcbrA vs WT	2.032153	1.10E-25
PA14_33060	hypothetical_unclassified	PGD1656186	NA	DrhIR DcbrA vs WT	2.257722	1.59E-15

PA14_33120	hypothetical_unclassified	PGD1656194	NA	DrhIR DcbrA vs WT	1.046197	2.99E-07
PA14_33160	hypothetical_unclassified	PGD1656200	NA	DrhIR DcbrA vs WT	1.435297	6.24E-11
PA14_33250	hypothetical_unclassified	PGD1656214	NA	DrhIR DcbrA vs WT	1.202373	2.33E-04
PA14_33420	putative_enzymes	PGD1656244	NA	DrhIR DcbrA vs WT	1.821454	2.35E-05
PA14_33430	DNA_replication_recombinat	PGD1656246	NA	DrhIR DcbrA vs WT	1.603266	4.72E-07
PA14_33450	carbon_compound_catabolis	PGD1656250	treA	DrhIR DcbrA vs WT	1.211228	6.30E-08
PA14_33460	membrane_proteins	PGD1656252	NA	DrhIR DcbrA vs WT	1.007055	1.12E-04
PA14_33630	adaptation_and_protection	PGD1656280	pvdJ	DrhIR DcbrA vs WT	1.013115	5.23E-05
PA14_33870	hypothetical_unclassified	PGD1656318	NA	DrhIR DcbrA vs WT	-1.50317	1.43E-18
PA14_33910	transport_of_small_molecul	PGD1656326	NA	DrhIR DcbrA vs WT	2.210531	3.83E-10
PA14_34390	transport_of_small_molecul	PGD1656402	NA	DrhIR DcbrA vs WT	-1.32756	0.016219
PA14_34420	transport_of_small_molecul	PGD1656406	NA	DrhIR DcbrA vs WT	-1.24998	2.90E-05
PA14_34460	adaptation_and_protection	PGD1656412	NA	DrhIR DcbrA vs WT	-1.57885	1.04E-16
PA14_34500	transport_of_small_molecul	PGD1656416	NA	DrhIR DcbrA vs WT	-1.37688	3.15E-08
PA14_34510	transport_of_small_molecul	PGD1656418	NA	DrhIR DcbrA vs WT	-1.24079	7.49E-10
PA14_34670	putative_enzymes	PGD1656438	NA	DrhIR DcbrA vs WT	-1.382	6.67E-09
PA14_34730	transcriptional_regulators	PGD1656450	NA	DrhIR DcbrA vs WT	-1.37347	0.015008
PA14_34740	hypothetical_unclassified	PGD1656452	NA	DrhIR DcbrA vs WT	-1.31246	0.027837
PA14_34870	carbon_compound_catabolis	PGD1656474	chiC	DrhIR DcbrA vs WT	-6.81691	4.71E-47
PA14_34880	transcriptional_regulators	PGD1656476	NA	DrhIR DcbrA vs WT	-1.85043	2.59E-07
PA14_34900	energy_metabolism_CAP	PGD1656478	NA	DrhIR DcbrA vs WT	-2.12548	9.90E-15
PA14_34900	putative_enzymes	PGD1656478	NA	DrhIR DcbrA vs WT	-2.12548	9.90E-15
PA14_34920	energy_metabolism_CAP	PGD1656480	NA	DrhIR DcbrA vs WT	-4.09097	1.35E-05
PA14_35160	hypothetical_unclassified	PGD1656520	NA	DrhIR DcbrA vs WT	-2.33044	6.87E-15
PA14_35340	carbon_compound_catabolis	PGD1656546	NA	DrhIR DcbrA vs WT	1.746648	5.36E-07
PA14_35370	transcriptional_regulators	PGD1656550	ptxS	DrhIR DcbrA vs WT	1.076777	3.55E-09
PA14_35380	transcriptional_regulators	PGD1656552	ptxR	DrhIR DcbrA vs WT	1.015012	4.00E-05
PA14_35550	hypothetical_unclassified	PGD1656578	pslO	DrhIR DcbrA vs WT	1.772305	2.81E-11
PA14_35570	DNA_replication_recombinat	PGD1656580	pslN	DrhIR DcbrA vs WT	1.564209	3.64E-10
PA14_36200	transport_of_small_molecul	PGD1656688	NA	DrhIR DcbrA vs WT	-1.56159	1.89E-05
PA14_36220	membrane_proteins	PGD1656690	NA	DrhIR DcbrA vs WT	-1.90339	0.006609
PA14_36220	transport_of_small_molecul	PGD1656690	NA	DrhIR DcbrA vs WT	-1.90339	0.006609
PA14_36230	membrane_proteins	PGD1656692	NA	DrhIR DcbrA vs WT	-1.71	0.001434
PA14_36230	transport_of_small_molecul	PGD1656692	NA	DrhIR DcbrA vs WT	-1.71	0.001434
PA14_36260	two_component_regulators	PGD1656696	NA	DrhIR DcbrA vs WT	1.077709	1.22E-04
PA14_36310	central_intermediary_metab	PGD1656706	hcnC	DrhIR DcbrA vs WT	-2.21918	2.61E-28
PA14_36320	central_intermediary_metab	PGD1656708	hcnB	DrhIR DcbrA vs WT	-3.30964	8.07E-35
PA14_36330	central_intermediary_metab	PGD1656710	hcnA	DrhIR DcbrA vs WT	-3.02931	2.96E-38
PA14_36370	amino_acid_biosynthesis_m	PGD1656718	NA	DrhIR DcbrA vs WT	1.62672	1.17E-07
PA14_36375	hypothetical_unclassified	PGD1656720	NA	DrhIR DcbrA vs WT	1.529992	3.45E-06
PA14_36390	translation_posttranslational	PGD1656722	NA	DrhIR DcbrA vs WT	1.295105	2.45E-05
PA14_36400	hypothetical_unclassified	PGD1656724	NA	DrhIR DcbrA vs WT	1.337589	0.001187
PA14_36410	hypothetical_unclassified	PGD1656726	NA	DrhIR DcbrA vs WT	1.192463	4.66E-07
PA14_36420	two_component_regulators	PGD1656728	NA	DrhIR DcbrA vs WT	1.101609	9.86E-12
PA14_36450	hypothetical_unclassified	PGD1656730	NA	DrhIR DcbrA vs WT	1.449643	5.37E-07
PA14_36460	hypothetical_unclassified	PGD1656732	NA	DrhIR DcbrA vs WT	1.35804	1.05E-13
PA14_36480	hypothetical_unclassified	PGD1656736	NA	DrhIR DcbrA vs WT	1.125973	0.003532
PA14_36490	hypothetical_unclassified	PGD1656738	NA	DrhIR DcbrA vs WT	1.362663	0.002907
PA14_36500	carbon_compound_catabolis	PGD1656740	NA	DrhIR DcbrA vs WT	1.317482	2.67E-07
PA14_36520	hypothetical_unclassified	PGD1656742	NA	DrhIR DcbrA vs WT	1.049766	1.88E-07



PA14_36540	putative_enzymes	PGD1656746	NA	DrhIR DcbrA vs WT	1.591322	3.03E-06
PA14_36550	hypothetical_unclassified	PGD1656748	NA	DrhIR DcbrA vs WT	2.01555	2.37E-27
PA14_36570	carbon_compound_catabolis	PGD1656752	glgA	DrhIR DcbrA vs WT	1.104799	1.48E-08
PA14_36570	energy_metabolism_CAP	PGD1656752	glgA	DrhIR DcbrA vs WT	1.104799	1.48E-08
PA14_36580	putative_enzymes	PGD1656754	NA	DrhIR DcbrA vs WT	1.361424	3.13E-07
PA14_36590	carbon_compound_catabolis	PGD1656756	NA	DrhIR DcbrA vs WT	1.676103	7.74E-06
PA14_36605	putative_enzymes	PGD1656758	NA	DrhIR DcbrA vs WT	1.422901	1.85E-04
PA14_36650	hypothetical_unclassified	PGD1656764	NA	DrhIR DcbrA vs WT	1.538804	4.60E-07
PA14_36660	amino_acid_biosynthesis_mε	PGD1656766	NA	DrhIR DcbrA vs WT	1.206851	8.63E-07
PA14_36670	hypothetical_unclassified	PGD1656768	NA	DrhIR DcbrA vs WT	2.394668	3.42E-12
PA14_36680	putative_enzymes	PGD1656770	NA	DrhIR DcbrA vs WT	1.491408	1.37E-04
PA14_36690	fatty_acid_and_phospholipid	PGD1656772	NA	DrhIR DcbrA vs WT	2.164408	3.73E-11
PA14_36690	putative_enzymes	PGD1656772	NA	DrhIR DcbrA vs WT	2.164408	3.73E-11
PA14_36700	membrane_proteins	PGD1656774	NA	DrhIR DcbrA vs WT	1.489745	5.19E-05
PA14_36710	energy_metabolism_CAP	PGD1656776	glgB	DrhIR DcbrA vs WT	1.527754	9.35E-04
PA14_36730	carbon_compound_catabolis	PGD1656778	NA	DrhIR DcbrA vs WT	1.263973	3.65E-06
PA14_36730	putative_enzymes	PGD1656778	NA	DrhIR DcbrA vs WT	1.263973	3.65E-06
PA14_36740	putative_enzymes	PGD1656780	NA	DrhIR DcbrA vs WT	1.00382	3.04E-07
PA14_36770	hypothetical_unclassified	PGD1656784	NA	DrhIR DcbrA vs WT	1.039791	0.009967
PA14_36780	transport_of_small_moleculε	PGD1656786	NA	DrhIR DcbrA vs WT	1.424639	2.72E-05
PA14_36790	hypothetical_unclassified	PGD1656788	NA	DrhIR DcbrA vs WT	1.517918	2.96E-09
PA14_36820	hypothetical_unclassified	PGD1656792	NA	DrhIR DcbrA vs WT	1.208088	0.004864
PA14_36870	central_intermediary_metab	PGD1656802	NA	DrhIR DcbrA vs WT	1.038254	2.39E-05
PA14_36880	transcriptional_regulators	PGD1656804	NA	DrhIR DcbrA vs WT	1.931953	1.17E-06
PA14_36900	hypothetical_unclassified	PGD1656808	NA	DrhIR DcbrA vs WT	1.145458	0.001383
PA14_36910	DNA_replication_recombinat	PGD1656810	ligD	DrhIR DcbrA vs WT	1.417775	5.44E-13
PA14_36920	two_component_regulators	PGD1656812	NA	DrhIR DcbrA vs WT	1.35109	8.48E-10
PA14_36930	hypothetical_unclassified	PGD1656814	NA	DrhIR DcbrA vs WT	1.490492	1.94E-07
PA14_36960	membrane_proteins	PGD1656818	NA	DrhIR DcbrA vs WT	1.191732	4.09E-06
PA14_36960	transport_of_small_moleculε	PGD1656818	NA	DrhIR DcbrA vs WT	1.191732	4.09E-06
PA14_36980	membrane_proteins	PGD1656820	NA	DrhIR DcbrA vs WT	1.009345	4.54E-05
PA14_37060	motility_and_attachment	PGD1656832	cupA1	DrhIR DcbrA vs WT	1.653941	0.001428
PA14_37070	central_intermediary_metab	PGD1656834	NA	DrhIR DcbrA vs WT	1.555423	4.26E-10
PA14_37070	transcriptional_regulators	PGD1656834	NA	DrhIR DcbrA vs WT	1.555423	4.26E-10
PA14_37190	DNA_replication_recombinat	PGD1656852	ada	DrhIR DcbrA vs WT	1.36719	2.62E-10
PA14_37190	transcriptional_regulators	PGD1656852	ada	DrhIR DcbrA vs WT	1.36719	2.62E-10
PA14_37210	hypothetical_unclassified	PGD1656856	NA	DrhIR DcbrA vs WT	1.917194	2.58E-15
PA14_37350	hypothetical_unclassified	PGD1656874	NA	DrhIR DcbrA vs WT	1.69499	2.62E-07
PA14_37360	central_intermediary_metab	PGD1656876	NA	DrhIR DcbrA vs WT	-2.93752	1.04E-20
PA14_37370	fatty_acid_and_phospholipid	PGD1656878	NA	DrhIR DcbrA vs WT	-2.87462	2.77E-06
PA14_37380	transport_of_small_moleculε	PGD1656880	NA	DrhIR DcbrA vs WT	-1.90066	3.14E-17
PA14_37610	amino_acid_biosynthesis_mε	PGD1656914	NA	DrhIR DcbrA vs WT	-1.13068	2.32E-04
PA14_37730	transport_of_small_moleculε	PGD1656932	NA	DrhIR DcbrA vs WT	-1.01379	1.75E-07
PA14_37745	putative_enzymes	PGD1656934	NA	DrhIR DcbrA vs WT	-5.7491	1.02E-22
PA14_37760	membrane_proteins	PGD1656936	NA	DrhIR DcbrA vs WT	-4.13073	5.71E-61
PA14_37760	transport_of_small_moleculε	PGD1656936	NA	DrhIR DcbrA vs WT	-4.13073	5.71E-61
PA14_37770	carbon_compound_catabolis	PGD1656938	NA	DrhIR DcbrA vs WT	-2.79215	8.92E-21
PA14_37780	hypothetical_unclassified	PGD1656940	NA	DrhIR DcbrA vs WT	-3.64916	2.21E-34
PA14_37790	adaptation_and_protection	PGD1656942	pcoA	DrhIR DcbrA vs WT	-1.052	3.84E-08
PA14_38050	hypothetical_unclassified	PGD1656982	NA	DrhIR DcbrA vs WT	1.841806	2.03E-10

PA14_38110	transport_of_small_molecule	PGD1656990	NA	DrhIR DcbrA vs WT	-1.05388	3.44E-07
PA14_38210	central_intermediary_metab	PGD1657006	NA	DrhIR DcbrA vs WT	1.503489	9.47E-04
PA14_38220	transport_of_small_molecule	PGD1657008	NA	DrhIR DcbrA vs WT	1.151357	0.002253
PA14_38260	hypothetical_unclassified	PGD1657012	NA	DrhIR DcbrA vs WT	-1.68174	1.08E-08
PA14_38270	hypothetical_unclassified	PGD1657014	NA	DrhIR DcbrA vs WT	-1.26118	9.87E-05
PA14_38360	cell_wall_LPS	PGD1657030	NA	DrhIR DcbrA vs WT	1.300004	1.77E-10
PA14_38360	putative_enzymes	PGD1657030	NA	DrhIR DcbrA vs WT	1.300004	1.77E-10
PA14_38370	hypothetical_unclassified	PGD1657032	NA	DrhIR DcbrA vs WT	1.83097	2.57E-12
PA14_38590	carbon_compound_catabolis	PGD1657068	bdhA	DrhIR DcbrA vs WT	-1.22375	2.02E-09
PA14_38660	fatty_acid_and_phospholipid	PGD1657076	NA	DrhIR DcbrA vs WT	1.209293	9.72E-17
PA14_38770	amino_acid_biosynthesis_mε	PGD1657094	NA	DrhIR DcbrA vs WT	1.167354	1.10E-06
PA14_38950	membrane_proteins	PGD1657122	NA	DrhIR DcbrA vs WT	-1.22017	0.023655
PA14_39010	biosynthesis_of_cofactors	PGD1657130	pqqF	DrhIR DcbrA vs WT	1.107141	4.30E-04
PA14_39220	hypothetical_unclassified	PGD1657164	NA	DrhIR DcbrA vs WT	5.239621	8.01E-08
PA14_39240	hypothetical_unclassified	PGD1657168	fapC	DrhIR DcbrA vs WT	3.719278	1.75E-19
PA14_39420	hypothetical_unclassified	PGD1657192	NA	DrhIR DcbrA vs WT	-1.51488	0.00162
PA14_39440	hypothetical_unclassified	PGD1657194	NA	DrhIR DcbrA vs WT	-1.38423	1.10E-11
PA14_39460	hypothetical_unclassified	PGD1657196	NA	DrhIR DcbrA vs WT	-3.34838	2.22E-27
PA14_39470	hypothetical_unclassified	PGD1657198	NA	DrhIR DcbrA vs WT	-1.42598	2.31E-05
PA14_39500	hypothetical_unclassified	PGD1657202	NA	DrhIR DcbrA vs WT	2.053397	4.84E-11
PA14_39590	amino_acid_biosynthesis_mε	PGD1657216	metE	DrhIR DcbrA vs WT	-1.78336	3.84E-05
PA14_39700	hypothetical_unclassified	PGD1657234	NA	DrhIR DcbrA vs WT	-1.15315	0.027656
PA14_39780	transport_of_small_molecule	PGD1657246	NA	DrhIR DcbrA vs WT	-4.92274	3.71E-77
PA14_39790	hypothetical_unclassified	PGD1657248	NA	DrhIR DcbrA vs WT	-1.86583	9.77E-04
PA14_39880	secreted_factors	PGD1657264	phzG2	DrhIR DcbrA vs WT	-5.64037	2.24E-23
PA14_39945	secreted_factors	PGD1657272	phzC2	DrhIR DcbrA vs WT	-5.99253	5.09E-23
PA14_39960	secreted_factors	PGD1657274	phzB2	DrhIR DcbrA vs WT	-7.96826	2.70E-37
PA14_39970	secreted_factors	PGD1657276	phzA2	DrhIR DcbrA vs WT	-8.56046	2.54E-27
PA14_39980	transcriptional_regulators	PGD1657278	qscR	DrhIR DcbrA vs WT	-1.91468	1.40E-14
PA14_39990	fatty_acid_and_phospholipid	PGD1657280	NA	DrhIR DcbrA vs WT	-2.85909	3.03E-28
PA14_40010	hypothetical_unclassified	PGD1657282	NA	DrhIR DcbrA vs WT	-1.91916	8.60E-21
PA14_40020	hypothetical_unclassified	PGD1657284	NA	DrhIR DcbrA vs WT	-2.67641	1.30E-36
PA14_40030	putative_enzymes	PGD1657286	NA	DrhIR DcbrA vs WT	-2.33462	4.82E-25
PA14_40040	central_intermediary_metab	PGD1657288	NA	DrhIR DcbrA vs WT	-2.16553	7.40E-28
PA14_40040	putative_enzymes	PGD1657288	NA	DrhIR DcbrA vs WT	-2.16553	7.40E-28
PA14_40050	hypothetical_unclassified	PGD1657290	NA	DrhIR DcbrA vs WT	-1.92041	6.49E-21
PA14_40060	fatty_acid_and_phospholipid	PGD1657292	NA	DrhIR DcbrA vs WT	-1.89099	1.37E-08
PA14_40060	membrane_proteins	PGD1657292	NA	DrhIR DcbrA vs WT	-1.89099	1.37E-08
PA14_40170	membrane_proteins	PGD1657310	NA	DrhIR DcbrA vs WT	-1.03581	2.30E-05
PA14_40170	protein_secretion_export	PGD1657310	NA	DrhIR DcbrA vs WT	-1.03581	2.30E-05
PA14_40170	transport_of_small_molecule	PGD1657310	NA	DrhIR DcbrA vs WT	-1.03581	2.30E-05
PA14_40230	protein_secretion_export	PGD1657320	NA	DrhIR DcbrA vs WT	-2.28469	1.22E-26
PA14_40240	protein_secretion_export	PGD1657322	NA	DrhIR DcbrA vs WT	-2.2801	1.14E-20
PA14_40250	membrane_proteins	PGD1657324	NA	DrhIR DcbrA vs WT	-2.17536	3.57E-29
PA14_40260	hypothetical_unclassified	PGD1657326	NA	DrhIR DcbrA vs WT	-2.32571	4.04E-24
PA14_40270	membrane_proteins	PGD1657328	NA	DrhIR DcbrA vs WT	-2.72494	4.55E-11
PA14_40270	transport_of_small_molecule	PGD1657328	NA	DrhIR DcbrA vs WT	-2.72494	4.55E-11
PA14_40290	secreted_factors	PGD1657332	lasA	DrhIR DcbrA vs WT	-2.24261	4.42E-31
PA14_40290	translation_posttranslational	PGD1657332	lasA	DrhIR DcbrA vs WT	-2.24261	4.42E-31
PA14_40310	fatty_acid_and_phospholipid	PGD1657336	NA	DrhIR DcbrA vs WT	-5.79418	7.72E-47

PA14_40770	central_intermediary_metab	PGD1657406	cysI	DrhIR DcbrA vs WT	-1.14675	8.81E-10
PA14_40780	hypothetical_unclassified	PGD1657408	NA	DrhIR DcbrA vs WT	-1.02965	3.89E-07
PA14_41500	putative_enzymes	PGD1657526	NA	DrhIR DcbrA vs WT	-1.30941	1.57E-23
PA14_41563	biosynthesis_of_cofactors	PGD1657538	cobA	DrhIR DcbrA vs WT	1.397982	9.97E-06
PA14_41900	central_intermediary_metab	PGD1657590	panE	DrhIR DcbrA vs WT	1.137229	7.34E-17
PA14_42390	transcriptional_regulators	PGD1657668	exsA	DrhIR DcbrA vs WT	1.393463	1.11E-06
PA14_42450	protein_secretion_export	PGD1657678	popB	DrhIR DcbrA vs WT	1.294567	0.004279
PA14_42470	protein_secretion_export	PGD1657682	pcrV	DrhIR DcbrA vs WT	1.010396	0.027465
PA14_42880	protein_secretion_export	PGD1657754	stk1	DrhIR DcbrA vs WT	-1.25999	3.62E-10
PA14_42880	translation_posttranslational	PGD1657754	stk1	DrhIR DcbrA vs WT	-1.25999	3.62E-10
PA14_42890	protein_secretion_export	PGD1657756	stp1	DrhIR DcbrA vs WT	-1.01863	1.07E-04
PA14_42890	translation_posttranslational	PGD1657756	stp1	DrhIR DcbrA vs WT	-1.01863	1.07E-04
PA14_42910	membrane_proteins	PGD1657760	dotU2	DrhIR DcbrA vs WT	-1.04667	1.17E-07
PA14_42940	fatty_acid_and_phospholipid	PGD1657764	lip2.1	DrhIR DcbrA vs WT	-1.13579	0.001302
PA14_42950	hypothetical_unclassified	PGD1657766	fha2	DrhIR DcbrA vs WT	-1.29669	6.56E-09
PA14_42960	protein_secretion_export	PGD1657768	lip2.2	DrhIR DcbrA vs WT	-1.43998	1.36E-06
PA14_42970	transcriptional_regulators	PGD1657770	sfa2	DrhIR DcbrA vs WT	-1.3328	2.22E-15
PA14_42980	chaperones_heat_shock	PGD1657772	clpV2	DrhIR DcbrA vs WT	-1.3206	3.58E-16
PA14_42990	hypothetical_unclassified	PGD1657774	hsiH2	DrhIR DcbrA vs WT	-1.5498	3.00E-15
PA14_43000	protein_secretion_export	PGD1657776	hsiG2	DrhIR DcbrA vs WT	-1.59316	1.21E-17
PA14_43020	protein_secretion_export	PGD1657778	hsiF2	DrhIR DcbrA vs WT	-1.42422	1.96E-10
PA14_43030	protein_secretion_export	PGD1657780	hsiC2	DrhIR DcbrA vs WT	-1.75685	1.80E-20
PA14_43040	protein_secretion_export	PGD1657782	hsiB2	DrhIR DcbrA vs WT	-1.41541	5.10E-14
PA14_43050	hypothetical_unclassified	PGD1657784	hsiA2	DrhIR DcbrA vs WT	-1.49357	1.93E-15
PA14_43070	secreted_factors	PGD1657786	hcp2	DrhIR DcbrA vs WT	-1.66165	2.93E-08
PA14_43090	hypothetical_unclassified	PGD1657790	tap	DrhIR DcbrA vs WT	-1.88326	3.89E-07
PA14_43760	hypothetical_unclassified	PGD1657898	NA	DrhIR DcbrA vs WT	1.286563	1.34E-07
PA14_44430	hypothetical_unclassified	PGD1658010	NA	DrhIR DcbrA vs WT	-1.07679	1.52E-16
PA14_44440	membrane_proteins	PGD1658012	NA	DrhIR DcbrA vs WT	-1.14596	1.69E-16
PA14_44440	transport_of_small_molecule	PGD1658012	NA	DrhIR DcbrA vs WT	-1.14596	1.69E-16
PA14_44520	membrane_proteins	PGD1658028	NA	DrhIR DcbrA vs WT	1.509191	2.39E-05
PA14_44520	transport_of_small_molecule	PGD1658028	NA	DrhIR DcbrA vs WT	1.509191	2.39E-05
PA14_44530	membrane_proteins	PGD1658030	NA	DrhIR DcbrA vs WT	1.212136	7.03E-06
PA14_44890	secreted_factors	PGD1658086	hcpA	DrhIR DcbrA vs WT	-1.94923	1.34E-05
PA14_44950	membrane_proteins	PGD1658096	NA	DrhIR DcbrA vs WT	1.639199	1.31E-17
PA14_44950	transport_of_small_molecule	PGD1658096	NA	DrhIR DcbrA vs WT	1.639199	1.31E-17
PA14_44960	putative_enzymes	PGD1658098	NA	DrhIR DcbrA vs WT	1.692913	1.31E-08
PA14_45020	putative_enzymes	PGD1658110	NA	DrhIR DcbrA vs WT	1.338754	1.48E-04
PA14_45100	transcriptional_regulators	PGD1658122	NA	DrhIR DcbrA vs WT	1.152409	3.28E-04
PA14_45100	transport_of_small_molecule	PGD1658122	NA	DrhIR DcbrA vs WT	1.152409	3.28E-04
PA14_45310	energy_metabolism_CAP	PGD1658152	ccmF	DrhIR DcbrA vs WT	-1.09359	3.36E-11
PA14_45330	energy_metabolism_CAP	PGD1658154	ccmE	DrhIR DcbrA vs WT	-1.00487	1.33E-11
PA14_45340	transport_of_small_molecule	PGD1658156	NA	DrhIR DcbrA vs WT	-1.05549	1.21E-04
PA14_45350	transport_of_small_molecule	PGD1658158	ccmC	DrhIR DcbrA vs WT	-1.20093	1.92E-19
PA14_45370	membrane_proteins	PGD1658160	ccmB	DrhIR DcbrA vs WT	-1.2744	2.82E-15
PA14_45370	transport_of_small_molecule	PGD1658160	ccmB	DrhIR DcbrA vs WT	-1.2744	2.82E-15
PA14_45680	adaptation_and_protection	PGD1658204	flhA	DrhIR DcbrA vs WT	1.010516	1.83E-14
PA14_45680	chemotaxis	PGD1658204	flhA	DrhIR DcbrA vs WT	1.010516	1.83E-14
PA14_45680	motility_and_attachment	PGD1658204	flhA	DrhIR DcbrA vs WT	1.010516	1.83E-14
PA14_46230	carbon_compound_catabolis	PGD1658288	aphA	DrhIR DcbrA vs WT	1.020685	8.45E-04

PA14_46240	membrane_proteins	PGD1658290	NA	DrhIR DcbrA vs WT	1.17555	2.15E-11
PA14_46250	putative_enzymes	PGD1658292	NA	DrhIR DcbrA vs WT	1.057607	8.01E-08
PA14_46850	transcriptional_regulators	PGD1658400	NA	DrhIR DcbrA vs WT	2.140958	0.021676
PA14_46860	amino_acid_biosynthesis_mε	PGD1658402	NA	DrhIR DcbrA vs WT	1.635438	0.039162
PA14_47040	membrane_proteins	PGD1658432	NA	DrhIR DcbrA vs WT	-1.04491	1.37E-08
PA14_47130	hypothetical_unclassified	PGD1658448	NA	DrhIR DcbrA vs WT	1.17344	1.30E-07
PA14_47390	two_component_regulators	PGD1658492	NA	DrhIR DcbrA vs WT	1.045339	0.005825
PA14_47400	transcriptional_regulators	PGD1658494	NA	DrhIR DcbrA vs WT	1.010237	0.006579
PA14_47920	transport_of_small_molecule	PGD1658574	NA	DrhIR DcbrA vs WT	1.704983	0.003958
PA14_48115	protein_secretion_export	PGD1658602	aprD	DrhIR DcbrA vs WT	1.212623	6.09E-06
PA14_48160	two_component_regulators	PGD1658608	NA	DrhIR DcbrA vs WT	1.185184	1.11E-11
PA14_48170	motility_and_attachment	PGD1658610	srpP	DrhIR DcbrA vs WT	1.536078	5.76E-20
PA14_48170	translation_posttranslational	PGD1658610	srpP	DrhIR DcbrA vs WT	1.536078	5.76E-20
PA14_48530	putative_enzymes	PGD1658662	NA	DrhIR DcbrA vs WT	-1.92399	1.41E-05
PA14_48590	hypothetical_unclassified	PGD1658672	NA	DrhIR DcbrA vs WT	-2.06283	7.59E-04
PA14_49050	membrane_proteins	PGD1658756	NA	DrhIR DcbrA vs WT	1.099912	6.40E-07
PA14_49130	transport_of_small_molecule	PGD1658770	dctA	DrhIR DcbrA vs WT	2.020752	3.80E-08
PA14_49300	putative_enzymes	PGD1658798	NA	DrhIR DcbrA vs WT	1.11996	9.99E-07
PA14_49410	adaptation_and_protection	PGD1658818	NA	DrhIR DcbrA vs WT	-1.21375	2.52E-06
PA14_49410	transcriptional_regulators	PGD1658818	NA	DrhIR DcbrA vs WT	-1.21375	2.52E-06
PA14_49560	secreted_factors	PGD1658840	toxA	DrhIR DcbrA vs WT	2.12997	3.26E-10
PA14_49690	putative_enzymes	PGD1658862	NA	DrhIR DcbrA vs WT	3.414093	3.14E-13
PA14_49720	hypothetical_unclassified	PGD1658868	NA	DrhIR DcbrA vs WT	1.001002	0.022243
PA14_49750	antibiotic_resistance_and_su	PGD1658874	NA	DrhIR DcbrA vs WT	-5.05654	3.29E-49
PA14_49750	membrane_proteins	PGD1658874	NA	DrhIR DcbrA vs WT	-5.05654	3.29E-49
PA14_49750	transport_of_small_molecule	PGD1658874	NA	DrhIR DcbrA vs WT	-5.05654	3.29E-49
PA14_49760	adaptation_and_protection	PGD1658876	rhIC	DrhIR DcbrA vs WT	-4.48061	1.03E-13
PA14_49800	putative_enzymes	PGD1658882	NA	DrhIR DcbrA vs WT	-1.01645	9.55E-06
PA14_49850	hypothetical_unclassified	PGD1658890	NA	DrhIR DcbrA vs WT	-1.02255	2.00E-09
PA14_49940	membrane_proteins	PGD1658908	NA	DrhIR DcbrA vs WT	1.446316	1.98E-23
PA14_49960	hypothetical_unclassified	PGD1658910	NA	DrhIR DcbrA vs WT	1.364959	1.52E-16
PA14_50020	hypothetical_unclassified	PGD1658920	NA	DrhIR DcbrA vs WT	1.524878	4.96E-09
PA14_50540	membrane_proteins	PGD1658998	livM	DrhIR DcbrA vs WT	-1.08495	1.22E-05
PA14_50540	transport_of_small_molecule	PGD1658998	livM	DrhIR DcbrA vs WT	-1.08495	1.22E-05
PA14_51080	putative_enzymes	PGD1659096	NA	DrhIR DcbrA vs WT	1.144866	0.026278
PA14_51350	adaptation_and_protection	PGD1659144	phnB	DrhIR DcbrA vs WT	3.021765	1.89E-111
PA14_51350	amino_acid_biosynthesis_mε	PGD1659144	phnB	DrhIR DcbrA vs WT	3.021765	1.89E-111
PA14_51360	adaptation_and_protection	PGD1659146	phnA	DrhIR DcbrA vs WT	3.739357	1.07E-243
PA14_51380	biosynthesis_of_cofactors	PGD1659148	pqsE	DrhIR DcbrA vs WT	4.299212	7.42E-157
PA14_51390	hypothetical_unclassified	PGD1659150	pqsD	DrhIR DcbrA vs WT	3.877689	1.03E-287
PA14_51410	biosynthesis_of_cofactors	PGD1659152	pqsC	DrhIR DcbrA vs WT	3.393778	1.99E-124
PA14_51420	biosynthesis_of_cofactors	PGD1659154	pqsB	DrhIR DcbrA vs WT	3.580773	5.78E-197
PA14_51430	biosynthesis_of_cofactors	PGD1659156	pqsA	DrhIR DcbrA vs WT	3.058249	6.93E-195
PA14_51490	hypothetical_unclassified	PGD1659168	NA	DrhIR DcbrA vs WT	1.731684	1.40E-14
PA14_51630	relative_phage_transposon	PGD1659196	NA	DrhIR DcbrA vs WT	1.159103	0.001456
PA14_51730	membrane_proteins	PGD1659214	tolA	DrhIR DcbrA vs WT	1.029581	8.45E-16
PA14_51730	transport_of_small_molecule	PGD1659214	tolA	DrhIR DcbrA vs WT	1.029581	8.45E-16
PA14_51940	hypothetical_unclassified	PGD1659252	NA	DrhIR DcbrA vs WT	2.486029	1.52E-16
PA14_52130	hypothetical_unclassified	PGD1659284	NA	DrhIR DcbrA vs WT	-2.02206	1.31E-31
PA14_52250	transport_of_small_molecule	PGD1659302	NA	DrhIR DcbrA vs WT	1.49575	8.27E-08

PA14_52250	two_component_regulators	PGD1659302	NA	DrhIR DcbrA vs WT	1.49575	8.27E-08
PA14_52800	central_intermediary_metab	PGD1659394	acsA	DrhIR DcbrA vs WT	1.613608	7.11E-18
PA14_52840	transport_of_small_molecule	PGD1659400	NA	DrhIR DcbrA vs WT	1.364455	9.90E-06
PA14_52870	putative_enzymes	PGD1659404	NA	DrhIR DcbrA vs WT	1.502502	0.001724
PA14_52880	putative_enzymes	PGD1659406	NA	DrhIR DcbrA vs WT	5.054211	4.27E-04
PA14_52900	putative_enzymes	PGD1659410	NA	DrhIR DcbrA vs WT	1.191296	6.38E-04
PA14_52910	hypothetical_unclassified	PGD1659412	NA	DrhIR DcbrA vs WT	1.150702	0.020572
PA14_53050	transport_of_small_molecule	PGD1659436	aroP2	DrhIR DcbrA vs WT	-1.73263	2.77E-11
PA14_53250	secreted_factors	PGD1659466	cpbD	DrhIR DcbrA vs WT	-3.11583	1.29E-74
PA14_53370	secreted_factors	PGD1659484	plcR	DrhIR DcbrA vs WT	1.193368	8.28E-06
PA14_53380	putative_enzymes	PGD1659486	NA	DrhIR DcbrA vs WT	1.605004	0.001819
PA14_53540	putative_enzymes	PGD1659514	NA	DrhIR DcbrA vs WT	1.252428	0.001307
PA14_53550	transcriptional_regulators	PGD1659516	NA	DrhIR DcbrA vs WT	1.260509	3.41E-07
PA14_53740	hypothetical_unclassified	PGD1659552	NA	DrhIR DcbrA vs WT	1.017645	0.009653
PA14_53750	hypothetical_unclassified	PGD1659554	NA	DrhIR DcbrA vs WT	1.41975	0.001029
PA14_54150	membrane_proteins	PGD1659618	putP	DrhIR DcbrA vs WT	-1.25103	1.72E-12
PA14_54150	transport_of_small_molecule	PGD1659618	putP	DrhIR DcbrA vs WT	-1.25103	1.72E-12
PA14_54240	hypothetical_unclassified	PGD1659632	NA	DrhIR DcbrA vs WT	1.150491	1.92E-08
PA14_54520	membrane_proteins	PGD1659676	NA	DrhIR DcbrA vs WT	1.683337	1.02E-07
PA14_54720	hypothetical_unclassified	PGD1659710	NA	DrhIR DcbrA vs WT	1.902245	1.29E-07
PA14_54740	hypothetical_unclassified	PGD1659714	NA	DrhIR DcbrA vs WT	1.487694	6.40E-08
PA14_54750	hypothetical_unclassified	PGD1659716	NA	DrhIR DcbrA vs WT	1.322899	8.25E-08
PA14_55040	transport_of_small_molecule	PGD1659768	NA	DrhIR DcbrA vs WT	1.050838	0.041235
PA14_55080	hypothetical_unclassified	PGD1659776	NA	DrhIR DcbrA vs WT	-1.59611	2.50E-26
PA14_55540	transcriptional_regulators	PGD1659854	NA	DrhIR DcbrA vs WT	1.168039	0.001669
PA14_55730	transcriptional_regulators	PGD1659894	NA	DrhIR DcbrA vs WT	1.300206	0.003716
PA14_55750	adaptation_and_protection	PGD1659898	NA	DrhIR DcbrA vs WT	2.44118	1.91E-31
PA14_55750	chemotaxis	PGD1659898	NA	DrhIR DcbrA vs WT	2.44118	1.91E-31
PA14_55780	two_component_regulators	PGD1659904	NA	DrhIR DcbrA vs WT	-1.36993	1.82E-17
PA14_55790	protein_secretion_export	PGD1659906	NA	DrhIR DcbrA vs WT	-1.4634	6.99E-21
PA14_55800	protein_secretion_export	PGD1659908	NA	DrhIR DcbrA vs WT	-1.28551	2.36E-04
PA14_55850	protein_secretion_export	PGD1659916	NA	DrhIR DcbrA vs WT	-1.23396	1.21E-06
PA14_55860	membrane_proteins	PGD1659918	NA	DrhIR DcbrA vs WT	-1.18203	5.06E-08
PA14_55860	motility_and_attachment	PGD1659918	NA	DrhIR DcbrA vs WT	-1.18203	5.06E-08
PA14_55860	protein_secretion_export	PGD1659918	NA	DrhIR DcbrA vs WT	-1.18203	5.06E-08
PA14_55890	protein_secretion_export	PGD1659922	NA	DrhIR DcbrA vs WT	-1.07937	3.92E-07
PA14_55900	motility_and_attachment	PGD1659924	NA	DrhIR DcbrA vs WT	-1.05819	1.92E-06
PA14_55900	protein_secretion_export	PGD1659924	NA	DrhIR DcbrA vs WT	-1.05819	1.92E-06
PA14_55920	motility_and_attachment	PGD1659926	NA	DrhIR DcbrA vs WT	-1.24143	1.54E-11
PA14_55920	protein_secretion_export	PGD1659926	NA	DrhIR DcbrA vs WT	-1.24143	1.54E-11
PA14_55940	protein_secretion_export	PGD1659930	NA	DrhIR DcbrA vs WT	-1.3727	4.63E-05
PA14_55960	chemotaxis	PGD1659932	pctC	DrhIR DcbrA vs WT	-1.10033	1.58E-09
PA14_56480	putative_enzymes	PGD1660006	NA	DrhIR DcbrA vs WT	1.474303	1.33E-09
PA14_56480	translation_posttranslational	PGD1660006	NA	DrhIR DcbrA vs WT	1.474303	1.33E-09
PA14_56510	hypothetical_unclassified	PGD1660008	NA	DrhIR DcbrA vs WT	1.144412	9.30E-13
PA14_56520	hypothetical_unclassified	PGD1660010	NA	DrhIR DcbrA vs WT	1.592788	3.80E-09
PA14_56570	fatty_acid_and_phospholipid	PGD1660020	NA	DrhIR DcbrA vs WT	-2.18386	1.96E-05
PA14_56590	adaptation_and_protection	PGD1660022	NA	DrhIR DcbrA vs WT	-1.70027	1.11E-09
PA14_56620	transcriptional_regulators	PGD1660026	NA	DrhIR DcbrA vs WT	-1.76525	3.36E-06
PA14_56750	hypothetical_unclassified	PGD1660046	NA	DrhIR DcbrA vs WT	1.283099	0.00472

PA14_56770	membrane_proteins	PGD1660048	NA	DrhIR DcbrA vs WT	1.608278	0.011434
PA14_56770	transport_of_small_molecule	PGD1660048	NA	DrhIR DcbrA vs WT	1.608278	0.011434
PA14_56830	membrane_proteins	PGD1660058	icmP	DrhIR DcbrA vs WT	-1.08678	4.09E-06
PA14_56990	hypothetical_unclassified	PGD1660088	NA	DrhIR DcbrA vs WT	-3.10235	2.02E-43
PA14_57030	membrane_proteins	PGD1660094	fxsA	DrhIR DcbrA vs WT	1.776108	2.20E-12
PA14_57140	transcriptional_regulators	PGD1660112	NA	DrhIR DcbrA vs WT	1.151311	2.75E-08
PA14_57140	two_component_regulators	PGD1660112	NA	DrhIR DcbrA vs WT	1.151311	2.75E-08
PA14_57590	translation_posttranslational	PGD1660186	rplM	DrhIR DcbrA vs WT	-1.08032	2.80E-09
PA14_57710	amino_acid_biosynthesis_mε	PGD1660203	cysN	DrhIR DcbrA vs WT	-1.72563	6.64E-21
PA14_57710	central_intermediary_metab	PGD1660203	cysN	DrhIR DcbrA vs WT	-1.72563	6.64E-21
PA14_57720	amino_acid_biosynthesis_mε	PGD1660205	cysD	DrhIR DcbrA vs WT	-1.82524	2.71E-12
PA14_57720	central_intermediary_metab	PGD1660205	cysD	DrhIR DcbrA vs WT	-1.82524	2.71E-12
PA14_57980	transport_of_small_molecule	PGD1660251	NA	DrhIR DcbrA vs WT	-1.04222	8.63E-08
PA14_58040	hypothetical_unclassified	PGD1660261	NA	DrhIR DcbrA vs WT	1.260259	0.017766
PA14_58360	transport_of_small_molecule	PGD1660313	dppA2	DrhIR DcbrA vs WT	-1.13516	7.32E-07
PA14_58410	membrane_proteins	PGD1660321	opdP	DrhIR DcbrA vs WT	-2.95717	5.76E-46
PA14_58410	transport_of_small_molecule	PGD1660321	opdP	DrhIR DcbrA vs WT	-2.95717	5.76E-46
PA14_58420	transport_of_small_molecule	PGD1660323	dppA4	DrhIR DcbrA vs WT	-1.40604	7.92E-11
PA14_58440	membrane_proteins	PGD1660325	dppB	DrhIR DcbrA vs WT	-1.61814	4.16E-15
PA14_58440	transport_of_small_molecule	PGD1660325	dppB	DrhIR DcbrA vs WT	-1.61814	4.16E-15
PA14_58450	membrane_proteins	PGD1660327	dppC	DrhIR DcbrA vs WT	-1.51462	4.21E-06
PA14_58450	transport_of_small_molecule	PGD1660327	dppC	DrhIR DcbrA vs WT	-1.51462	4.21E-06
PA14_58470	transport_of_small_molecule	PGD1660329	dppD	DrhIR DcbrA vs WT	-1.39369	1.07E-06
PA14_58490	transport_of_small_molecule	PGD1660331	dppF	DrhIR DcbrA vs WT	-1.63078	1.67E-13
PA14_58500	membrane_proteins	PGD1660333	NA	DrhIR DcbrA vs WT	1.609747	5.24E-06
PA14_58510	transcriptional_regulators	PGD1660335	NA	DrhIR DcbrA vs WT	-1.00373	0.008774
PA14_58580	membrane_proteins	PGD1660349	NA	DrhIR DcbrA vs WT	1.291848	2.50E-04
PA14_58630	amino_acid_biosynthesis_mε	PGD1660357	NA	DrhIR DcbrA vs WT	-1.94601	6.75E-43
PA14_59360	motility_and_attachment	PGD1660489	pilM2	DrhIR DcbrA vs WT	-1.83816	6.14E-08
PA14_59890	hypothetical_unclassified	PGD1660586	NA	DrhIR DcbrA vs WT	1.560862	0.037917
PA14_60140	DNA_replication_recombinat	PGD1660636	NA	DrhIR DcbrA vs WT	1.128056	0.027095
NA	NA	PGD1660639	NA	DrhIR DcbrA vs WT	-1.46967	8.50E-08
PA14_60190	chaperones_heat_shock	PGD1660644	clpB	DrhIR DcbrA vs WT	1.000758	9.19E-05
PA14_60280	motility_and_attachment	PGD1660660	fimU	DrhIR DcbrA vs WT	1.07299	3.61E-09
PA14_60400	central_intermediary_metab	PGD1660682	rpsT	DrhIR DcbrA vs WT	-1.29455	2.51E-09
PA14_60400	translation_posttranslational	PGD1660682	rpsT	DrhIR DcbrA vs WT	-1.29455	2.51E-09
PA14_60460	translation_posttranslational	PGD1660692	rplU	DrhIR DcbrA vs WT	-1.11101	2.17E-11
NA	NA	PGD1660721	NA	DrhIR DcbrA vs WT	-1.13721	2.18E-09
PA14_60630	membrane_proteins	PGD1660722	NA	DrhIR DcbrA vs WT	1.265821	2.02E-05
PA14_60750	carbon_compound_catabolis	PGD1660738	pra	DrhIR DcbrA vs WT	-2.74316	1.04E-16
PA14_61000	hypothetical_unclassified	PGD1660778	NA	DrhIR DcbrA vs WT	1.105009	0.003161
PA14_61080	transport_of_small_molecule	PGD1660790	NA	DrhIR DcbrA vs WT	1.855636	2.19E-10
PA14_61370	hypothetical_unclassified	PGD1660838	NA	DrhIR DcbrA vs WT	1.479719	1.41E-04
PA14_61500	hypothetical_unclassified	PGD1660860	NA	DrhIR DcbrA vs WT	-1.27134	1.36E-09
PA14_61510	hypothetical_unclassified	PGD1660862	NA	DrhIR DcbrA vs WT	-1.09613	1.66E-05
PA14_61520	hypothetical_unclassified	PGD1660864	NA	DrhIR DcbrA vs WT	-1.22069	2.81E-06
PA14_61530	motility_and_attachment	PGD1660866	NA	DrhIR DcbrA vs WT	-1.04516	2.89E-05
PA14_61540	motility_and_attachment	PGD1660868	NA	DrhIR DcbrA vs WT	-1.0358	9.37E-06
NA	NA	PGD1660905	NA	DrhIR DcbrA vs WT	-1.16674	5.08E-07
PA14_61780	adaptation_and_protection	PGD1660908	NA	DrhIR DcbrA vs WT	-1.26062	2.57E-11

PA14_61780	translation_posttranslational	PGD1660908	NA	DrhIR DcbrA vs WT	-1.26062	2.57E-11
NA	NA	PGD1660915	NA	DrhIR DcbrA vs WT	-1.3304	0.007592
PA14_62350	transport_of_small_molecule	PGD1661000	NA	DrhIR DcbrA vs WT	1.279976	5.10E-12
PA14_62520	hypothetical_unclassified	PGD1661030	NA	DrhIR DcbrA vs WT	-1.06813	1.07E-05
PA14_62530	carbon_compound_catabolism	PGD1661032	cbrA	DrhIR DcbrA vs WT	-1.59688	0.009648
PA14_62530	two_component_regulators	PGD1661032	cbrA	DrhIR DcbrA vs WT	-1.59688	0.009648
PA14_62960	adaptation_and_protection	PGD1661106	dnaJ	DrhIR DcbrA vs WT	1.139278	4.26E-06
PA14_62960	chaperones_heat_shock	PGD1661106	dnaJ	DrhIR DcbrA vs WT	1.139278	4.26E-06
PA14_62960	DNA_replication_recombination	PGD1661106	dnaJ	DrhIR DcbrA vs WT	1.139278	4.26E-06
PA14_62970	adaptation_and_protection	PGD1661108	dnaK	DrhIR DcbrA vs WT	1.136237	1.23E-09
PA14_62970	chaperones_heat_shock	PGD1661108	dnaK	DrhIR DcbrA vs WT	1.136237	1.23E-09
PA14_62970	DNA_replication_recombination	PGD1661108	dnaK	DrhIR DcbrA vs WT	1.136237	1.23E-09
PA14_62990	chaperones_heat_shock	PGD1661110	grpE	DrhIR DcbrA vs WT	1.111762	1.45E-09
PA14_62990	DNA_replication_recombination	PGD1661110	grpE	DrhIR DcbrA vs WT	1.111762	1.45E-09
PA14_63270	putative_enzymes	PGD1661158	fabG	DrhIR DcbrA vs WT	1.208146	1.68E-15
PA14_63800	transport_of_small_molecule	PGD1661242	mgtA	DrhIR DcbrA vs WT	1.126759	7.10E-04
PA14_64050	transcriptional_regulators	PGD1661278	NA	DrhIR DcbrA vs WT	1.435089	5.13E-13
PA14_64050	two_component_regulators	PGD1661278	NA	DrhIR DcbrA vs WT	1.435089	5.13E-13
PA14_64270	transport_of_small_molecule	PGD1661310	NA	DrhIR DcbrA vs WT	1.432121	0.007566
PA14_64370	central_intermediary_metabolism	PGD1661328	ureB	DrhIR DcbrA vs WT	-1.22051	1.25E-04
PA14_64430	hypothetical_unclassified	PGD1661338	NA	DrhIR DcbrA vs WT	-1.08186	2.03E-05
PA14_64490	hypothetical_unclassified	PGD1661350	NA	DrhIR DcbrA vs WT	1.06682	3.96E-06
PA14_64520	central_intermediary_metabolism	PGD1661356	NA	DrhIR DcbrA vs WT	1.241594	2.98E-14
PA14_64560	hypothetical_unclassified	PGD1661364	NA	DrhIR DcbrA vs WT	-1.44878	0.018846
PA14_64860	transport_of_small_molecule	PGD1661414	NA	DrhIR DcbrA vs WT	-1.00231	0.002067
PA14_64930	nucleotide_biosynthesis_and	PGD1661428	NA	DrhIR DcbrA vs WT	-3.33301	1.25E-59
PA14_64940	biosynthesis_of_cofactors	PGD1661430	NA	DrhIR DcbrA vs WT	-3.40132	3.25E-31
PA14_64950	central_intermediary_metabolism	PGD1661432	pncA	DrhIR DcbrA vs WT	1.00675	1.96E-05
PA14_65170	translation_posttranslational	PGD1661464	rpsR	DrhIR DcbrA vs WT	-1.15152	5.04E-08
PA14_65690	nucleotide_biosynthesis_and	PGD1661538	NA	DrhIR DcbrA vs WT	1.666945	1.15E-16
PA14_65690	putative_enzymes	PGD1661538	NA	DrhIR DcbrA vs WT	1.666945	1.15E-16
PA14_65820	fatty_acid_and_phospholipid	PGD1661558	NA	DrhIR DcbrA vs WT	-1.55569	0.00383
PA14_65820	putative_enzymes	PGD1661558	NA	DrhIR DcbrA vs WT	-1.55569	0.00383
PA14_65940	energy_metabolism_CAP	PGD1661574	NA	DrhIR DcbrA vs WT	-1.24927	2.01E-06
PA14_65940	putative_enzymes	PGD1661574	NA	DrhIR DcbrA vs WT	-1.24927	2.01E-06
PA14_66420	membrane_proteins	PGD1661650	NA	DrhIR DcbrA vs WT	-2.21281	5.38E-18
PA14_66460	adaptation_and_protection	PGD1661656	NA	DrhIR DcbrA vs WT	-1.34298	2.08E-07
PA14_66510	membrane_proteins	PGD1661662	NA	DrhIR DcbrA vs WT	-1.85254	1.11E-06
PA14_66510	transport_of_small_molecule	PGD1661662	NA	DrhIR DcbrA vs WT	-1.85254	1.11E-06
PA14_66540	hypothetical_unclassified	PGD1661668	NA	DrhIR DcbrA vs WT	1.029137	1.06E-04
PA14_66710	translation_posttranslational	PGD1661700	rpmE	DrhIR DcbrA vs WT	-1.28839	1.58E-10
PA14_66770	chaperones_heat_shock	PGD1661708	hslV	DrhIR DcbrA vs WT	1.384307	2.77E-14
PA14_66840	central_intermediary_metabolism	PGD1661718	phaC2	DrhIR DcbrA vs WT	-1.68518	2.21E-18
PA14_66850	transcriptional_regulators	PGD1661720	NA	DrhIR DcbrA vs WT	-1.96726	2.80E-24
PA14_67150	amino_acid_biosynthesis_mechanism	PGD1661770	NA	DrhIR DcbrA vs WT	1.069478	4.95E-05
PA14_67180	hypothetical_unclassified	PGD1661774	tli5b4	DrhIR DcbrA vs WT	-1.0071	7.03E-06
PA14_67190	hypothetical_unclassified	PGD1661776	tli5b3	DrhIR DcbrA vs WT	-1.22438	3.32E-07
PA14_67210	hypothetical_unclassified	PGD1661780	tli5b1	DrhIR DcbrA vs WT	-1.20544	1.71E-07
PA14_67220	hypothetical_unclassified	PGD1661782	tli5b	DrhIR DcbrA vs WT	-1.13926	4.44E-10
PA14_67230	hypothetical_unclassified	PGD1661784	vgrG5	DrhIR DcbrA vs WT	-1.03528	1.96E-13

PA14_67240	amino_acid_biosynthesis_mε	PGD1661786	hutG	DrhIR DcbrA vs WT	-1.01686	1.11E-07
PA14_67310	transport_of_small_moleculε	PGD1661798	NA	DrhIR DcbrA vs WT	-1.74839	2.78E-13
PA14_67320	amino_acid_biosynthesis_mε	PGD1661800	hutH	DrhIR DcbrA vs WT	-1.7067	1.38E-09
PA14_67320	central_intermediary_metab	PGD1661800	hutH	DrhIR DcbrA vs WT	-1.7067	1.38E-09
PA14_67340	transport_of_small_moleculε	PGD1661802	NA	DrhIR DcbrA vs WT	-1.65289	1.32E-17
PA14_67350	amino_acid_biosynthesis_mε	PGD1661804	hutU	DrhIR DcbrA vs WT	-1.57723	1.87E-12
PA14_67840	transport_of_small_moleculε	PGD1661878	NA	DrhIR DcbrA vs WT	1.083632	2.19E-06
PA14_67860	transport_of_small_moleculε	PGD1661882	NA	DrhIR DcbrA vs WT	1.178359	8.29E-05
PA14_68080	membrane_proteins	PGD1661918	NA	DrhIR DcbrA vs WT	-1.56965	2.81E-08
PA14_68080	transport_of_small_moleculε	PGD1661918	NA	DrhIR DcbrA vs WT	-1.56965	2.81E-08
PA14_68090	membrane_proteins	PGD1661920	NA	DrhIR DcbrA vs WT	-1.62423	6.07E-12
PA14_68090	transport_of_small_moleculε	PGD1661920	NA	DrhIR DcbrA vs WT	-1.62423	6.07E-12
PA14_68100	hypothetical_unclassified	PGD1661922	NA	DrhIR DcbrA vs WT	-1.02266	0.004807
PA14_68170	cell_wall_LPS	PGD1661934	rmlB	DrhIR DcbrA vs WT	-2.10292	8.59E-78
PA14_68190	cell_wall_LPS	PGD1661936	rmlD	DrhIR DcbrA vs WT	-1.61356	8.33E-27
PA14_68200	cell_wall_LPS	PGD1661938	rmlA	DrhIR DcbrA vs WT	-1.52969	9.26E-24
PA14_68210	cell_wall_LPS	PGD1661940	rmlC	DrhIR DcbrA vs WT	-1.43228	7.27E-27
PA14_68300	amino_acid_biosynthesis_mε	PGD1661952	arcD	DrhIR DcbrA vs WT	1.155557	1.25E-04
PA14_68300	membrane_proteins	PGD1661952	arcD	DrhIR DcbrA vs WT	1.155557	1.25E-04
PA14_68300	transport_of_small_moleculε	PGD1661952	arcD	DrhIR DcbrA vs WT	1.155557	1.25E-04
PA14_68430	putative_enzymes	PGD1661972	NA	DrhIR DcbrA vs WT	-1.94575	1.10E-27
PA14_68440	energy_metabolism_CAP	PGD1661974	NA	DrhIR DcbrA vs WT	-1.98755	5.19E-21
PA14_68440	putative_enzymes	PGD1661974	NA	DrhIR DcbrA vs WT	-1.98755	5.19E-21
PA14_68450	membrane_proteins	PGD1661976	NA	DrhIR DcbrA vs WT	1.063672	4.67E-04
PA14_68810	putative_enzymes	PGD1662032	NA	DrhIR DcbrA vs WT	1.332979	3.57E-13
PA14_68930	membrane_proteins	PGD1662052	NA	DrhIR DcbrA vs WT	-5.76871	1.32E-23
PA14_68930	transport_of_small_moleculε	PGD1662052	NA	DrhIR DcbrA vs WT	-5.76871	1.32E-23
PA14_68940	hypothetical_unclassified	PGD1662054	NA	DrhIR DcbrA vs WT	-5.76822	1.55E-41
PA14_69550	hypothetical_unclassified	PGD1662150	NA	DrhIR DcbrA vs WT	-2.25445	0.008789
PA14_69560	secreted_factors	PGD1662152	hcpB	DrhIR DcbrA vs WT	-1.79744	6.72E-17
PA14_69780	hypothetical_unclassified	PGD1662190	NA	DrhIR DcbrA vs WT	-1.29262	2.99E-13
PA14_69795	membrane_proteins	PGD1662192	amtB	DrhIR DcbrA vs WT	-1.27068	1.30E-14
PA14_69795	transport_of_small_moleculε	PGD1662192	amtB	DrhIR DcbrA vs WT	-1.27068	1.30E-14
PA14_69850	transport_of_small_moleculε	PGD1662200	NA	DrhIR DcbrA vs WT	1.080009	4.33E-18
PA14_70180	translation_posttranslational	PGD1662248	rpmG	DrhIR DcbrA vs WT	-1.36478	4.98E-10
PA14_70190	translation_posttranslational	PGD1662250	rpmB	DrhIR DcbrA vs WT	-1.33163	1.25E-11
PA14_70600	DNA_replication_recombinat	PGD1662314	NA	DrhIR DcbrA vs WT	-1.13022	1.03E-04
PA14_70640	carbon_compound_catabolis	PGD1662320	rubA1	DrhIR DcbrA vs WT	-2.27887	1.76E-15
PA14_70650	putative_enzymes	PGD1662322	NA	DrhIR DcbrA vs WT	-2.16003	4.58E-08
PA14_70670	carbon_compound_catabolis	PGD1662324	glcF	DrhIR DcbrA vs WT	-1.93742	8.20E-09
PA14_70670	central_intermediary_metab	PGD1662324	glcF	DrhIR DcbrA vs WT	-1.93742	8.20E-09
PA14_70670	energy_metabolism_CAP	PGD1662324	glcF	DrhIR DcbrA vs WT	-1.93742	8.20E-09
PA14_70680	carbon_compound_catabolis	PGD1662326	glcE	DrhIR DcbrA vs WT	-2.38985	1.17E-16
PA14_70680	central_intermediary_metab	PGD1662326	glcE	DrhIR DcbrA vs WT	-2.38985	1.17E-16
PA14_70690	carbon_compound_catabolis	PGD1662328	glcD	DrhIR DcbrA vs WT	-2.12299	6.92E-19
PA14_70690	central_intermediary_metab	PGD1662328	glcD	DrhIR DcbrA vs WT	-2.12299	6.92E-19
PA14_70720	biosynthesis_of_cofactors	PGD1662332	ubiC	DrhIR DcbrA vs WT	-1.0951	1.86E-08
PA14_70720	central_intermediary_metab	PGD1662332	ubiC	DrhIR DcbrA vs WT	-1.0951	1.86E-08
PA14_70950	adaptation_and_protection	PGD1662374	betB	DrhIR DcbrA vs WT	1.213299	2.34E-05
PA14_70950	amino_acid_biosynthesis_mε	PGD1662374	betB	DrhIR DcbrA vs WT	1.213299	2.34E-05



PA14_71100	membrane_proteins	PGD1662394	NA	DrhIR DcbrA vs WT	-2.97507	8.17E-08
PA14_71240	amino_acid_biosynthesis_mε	PGD1662420	NA	DrhIR DcbrA vs WT	-1.39021	0.0059
PA14_71250	hypothetical_unclassified	PGD1662422	NA	DrhIR DcbrA vs WT	-1.6537	0.014695
PA14_71280	amino_acid_biosynthesis_mε	PGD1662426	NA	DrhIR DcbrA vs WT	-1.14677	0.002753
PA14_71280	energy_metabolism_CAP	PGD1662426	NA	DrhIR DcbrA vs WT	-1.14677	0.002753
PA14_71410	transport_of_small_molecule	PGD1662450	NA	DrhIR DcbrA vs WT	-2.26831	9.81E-04
PA14_71420	energy_metabolism_CAP	PGD1662452	NA	DrhIR DcbrA vs WT	-1.32329	2.24E-04
PA14_71460	amino_acid_biosynthesis_mε	PGD1662460	glyA1	DrhIR DcbrA vs WT	-2.6234	2.52E-06
PA14_71470	amino_acid_biosynthesis_mε	PGD1662462	soxB	DrhIR DcbrA vs WT	-1.4905	9.01E-05
PA14_71470	carbon_compound_catabolis	PGD1662462	soxB	DrhIR DcbrA vs WT	-1.4905	9.01E-05
PA14_71500	carbon_compound_catabolis	PGD1662466	soxA	DrhIR DcbrA vs WT	-1.77133	1.73E-06
PA14_71510	amino_acid_biosynthesis_mε	PGD1662468	soxG	DrhIR DcbrA vs WT	-1.70645	0.001856
PA14_71510	carbon_compound_catabolis	PGD1662468	soxG	DrhIR DcbrA vs WT	-1.70645	0.001856
PA14_71530	nucleotide_biosynthesis_and	PGD1662470	purU2	DrhIR DcbrA vs WT	-1.71846	0.001008
PA14_71560	amino_acid_biosynthesis_mε	PGD1662472	fdhA	DrhIR DcbrA vs WT	-2.17385	1.14E-07
PA14_71650	amino_acid_biosynthesis_mε	PGD1662488	aspA	DrhIR DcbrA vs WT	-1.05741	2.92E-07
PA14_71720	central_intermediary_metab	PGD1662500	NA	DrhIR DcbrA vs WT	-1.16976	2.66E-07
PA14_71890	fatty_acid_and_phospholipid	PGD1662524	NA	DrhIR DcbrA vs WT	1.639395	4.50E-21
PA14_71890	putative_enzymes	PGD1662524	NA	DrhIR DcbrA vs WT	1.639395	4.50E-21
PA14_71960	cell_wall_LPS	PGD1662536	wzm	DrhIR DcbrA vs WT	-1.45484	1.54E-14
PA14_72090	hypothetical_unclassified	PGD1662560	NA	DrhIR DcbrA vs WT	1.27411	3.27E-07
PA14_72280	transport_of_small_molecule	PGD1662586	citA	DrhIR DcbrA vs WT	1.397003	6.52E-10
PA14_72390	two_component_regulators	PGD1662602	NA	DrhIR DcbrA vs WT	1.152575	5.96E-14
PA14_72520	nucleotide_biosynthesis_and	PGD1662626	NA	DrhIR DcbrA vs WT	-1.0908	4.67E-12
PA14_72760	adaptation_and_protection	PGD1662662	NA	DrhIR DcbrA vs WT	1.197121	3.57E-13
PA14_72760	antibiotic_resistance_and_su	PGD1662662	NA	DrhIR DcbrA vs WT	1.197121	3.57E-13
PA14_72760	putative_enzymes	PGD1662662	NA	DrhIR DcbrA vs WT	1.197121	3.57E-13
PA14_72900	fatty_acid_and_phospholipid	PGD1662688	NA	DrhIR DcbrA vs WT	1.221506	1.14E-11
PA14_73020	adaptation_and_protection	PGD1662708	NA	DrhIR DcbrA vs WT	-1.5249	0.005676
PA14_73020	transcriptional_regulators	PGD1662708	NA	DrhIR DcbrA vs WT	-1.5249	0.005676
PA14_73020	two_component_regulators	PGD1662708	NA	DrhIR DcbrA vs WT	-1.5249	0.005676
PA14_73050	hypothetical_unclassified	PGD1662714	NA	DrhIR DcbrA vs WT	-1.36435	0.021257
PA14_73100	hypothetical_unclassified	PGD1662722	NA	DrhIR DcbrA vs WT	-1.28226	0.038354
PA14_73110	membrane_proteins	PGD1662724	NA	DrhIR DcbrA vs WT	-1.60956	3.65E-16
PA14_73110	transport_of_small_molecule	PGD1662724	NA	DrhIR DcbrA vs WT	-1.60956	3.65E-16
PA14_73280	energy_metabolism_CAP	PGD1662750	atpH	DrhIR DcbrA vs WT	-1.44698	1.97E-13
PA14_73290	energy_metabolism_CAP	PGD1662752	atpF	DrhIR DcbrA vs WT	-1.08956	4.24E-11
PA14_73300	energy_metabolism_CAP	PGD1662754	atpE	DrhIR DcbrA vs WT	-1.0307	2.37E-12
PA14_73420	transcription_RNA_processin	PGD1662774	rnpA	DrhIR DcbrA vs WT	-1.19997	1.72E-20
PA14_73420	translation_posttranslational	PGD1662774	rnpA	DrhIR DcbrA vs WT	-1.19997	1.72E-20
PA14_99999	NA	gene_crcZ	crcZ	DrhIR DcbrA vs WT	-3.44895	0.001724
PA14_00180	transcription_RNA_processin	PGD1650867	NA	DcbrA vs WT	-1.39303	4.45E-07
PA14_00190	amino_acid_biosynthesis_mε	PGD1650869	fmt	DcbrA vs WT	-1.02574	0.003716
PA14_00190	translation_posttranslational	PGD1650869	fmt	DcbrA vs WT	-1.02574	0.003716
PA14_00240	translation_posttranslational	PGD1650877	NA	DcbrA vs WT	-1.1321	2.86E-09
PA14_00340	transport_of_small_molecule	PGD1650891	NA	DcbrA vs WT	-1.12801	0.029468
PA14_00430	transcriptional_regulators	PGD1650903	NA	DcbrA vs WT	1.651303	2.80E-08
PA14_00430	two_component_regulators	PGD1650903	NA	DcbrA vs WT	1.651303	2.80E-08
PA14_00470	hypothetical_unclassified	PGD1650911	NA	DcbrA vs WT	2.084875	4.62E-33
PA14_00480	hypothetical_unclassified	PGD1650913	NA	DcbrA vs WT	1.064177	5.26E-06

PA14_00490	protein_secretion_export	PGD1650915	NA	DcbrA vs WT	1.506341	1.70E-05
PA14_00560	secreted_factors	PGD1650925	exoT	DcbrA vs WT	1.175508	5.99E-07
PA14_00590	fatty_acid_and_phospholipid	PGD1650931	NA	DcbrA vs WT	-2.00063	1.16E-04
PA14_00620	hypothetical_unclassified	PGD1650935	NA	DcbrA vs WT	-1.12155	5.08E-08
PA14_00630	hypothetical_unclassified	PGD1650937	NA	DcbrA vs WT	-2.24625	7.49E-30
PA14_00650	hypothetical_unclassified	PGD1650941	NA	DcbrA vs WT	-2.66901	1.04E-66
PA14_00680	transcriptional_regulators	PGD1650947	NA	DcbrA vs WT	-1.11084	0.041527
PA14_00710	adaptation_and_protection	PGD1650953	osmC	DcbrA vs WT	1.197808	2.41E-05
PA14_00720	hypothetical_unclassified	PGD1650955	NA	DcbrA vs WT	1.536143	2.45E-30
PA14_00820	membrane_proteins	PGD1650975	tagQ1	DcbrA vs WT	-1.30318	2.79E-15
PA14_00820	protein_secretion_export	PGD1650975	tagQ1	DcbrA vs WT	-1.30318	2.79E-15
PA14_00850	membrane_proteins	PGD1650979	tagS1	DcbrA vs WT	-1.48229	3.64E-06
PA14_00850	protein_secretion_export	PGD1650979	tagS1	DcbrA vs WT	-1.48229	3.64E-06
PA14_00850	transport_of_small_molecule	PGD1650979	tagS1	DcbrA vs WT	-1.48229	3.64E-06
PA14_00860	protein_secretion_export	PGD1650981	tagT1	DcbrA vs WT	-2.4938	0.007692
PA14_00860	transport_of_small_molecule	PGD1650981	tagT1	DcbrA vs WT	-2.4938	0.007692
PA14_00890	protein_secretion_export	PGD1650985	pppA	DcbrA vs WT	-1.59157	1.11E-06
PA14_00890	putative_enzymes	PGD1650985	pppA	DcbrA vs WT	-1.59157	1.11E-06
PA14_00900	protein_secretion_export	PGD1650987	tagF1	DcbrA vs WT	-2.3199	9.92E-09
PA14_00910	hypothetical_unclassified	PGD1650989	icmF1	DcbrA vs WT	-1.35481	5.35E-11
PA14_00925	hypothetical_unclassified	PGD1650991	tssL1	DcbrA vs WT	-1.43759	6.91E-09
PA14_00940	hypothetical_unclassified	PGD1650993	tssK1	DcbrA vs WT	-1.32466	1.86E-05
PA14_00960	fatty_acid_and_phospholipid	PGD1650995	tssJ1	DcbrA vs WT	-1.27233	0.021102
PA14_00980	hypothetical_unclassified	PGD1650999	fha1	DcbrA vs WT	1.020754	1.56E-07
PA14_00990	hypothetical_unclassified	PGD1651001	tssA1	DcbrA vs WT	1.148172	1.14E-05
PA14_01060	protein_secretion_export	PGD1651011	tssE1	DcbrA vs WT	-1.10865	0.004472
PA14_01080	hypothetical_unclassified	PGD1651015	tssG1	DcbrA vs WT	-1.5492	3.41E-09
PA14_01170	hypothetical_unclassified	PGD1651031	NA	DcbrA vs WT	-2.23624	2.03E-08
PA14_01180	hypothetical_unclassified	PGD1651033	NA	DcbrA vs WT	-1.23471	3.70E-05
PA14_01190	fatty_acid_and_phospholipid	PGD1651035	NA	DcbrA vs WT	-1.67337	4.18E-07
PA14_01230	hypothetical_unclassified	PGD1651041	NA	DcbrA vs WT	-1.14215	1.12E-06
PA14_01250	transport_of_small_molecule	PGD1651045	NA	DcbrA vs WT	1.547027	1.05E-10
PA14_01290	energy_metabolism_CAP	PGD1651049	coxB	DcbrA vs WT	2.74203	1.02E-40
PA14_01300	energy_metabolism_CAP	PGD1651051	coxA	DcbrA vs WT	2.385833	8.22E-56
PA14_01310	central_intermediary_metab	PGD1651053	NA	DcbrA vs WT	2.213071	3.54E-20
PA14_01310	energy_metabolism_CAP	PGD1651053	NA	DcbrA vs WT	2.213071	3.54E-20
PA14_01320	energy_metabolism_CAP	PGD1651055	colI	DcbrA vs WT	2.067188	1.23E-36
PA14_01340	hypothetical_unclassified	PGD1651059	NA	DcbrA vs WT	1.645415	6.27E-17
PA14_01350	hypothetical_unclassified	PGD1651061	NA	DcbrA vs WT	1.348885	4.93E-06
PA14_01390	energy_metabolism_CAP	PGD1651067	NA	DcbrA vs WT	-1.28554	1.50E-15
PA14_01540	hypothetical_unclassified	PGD1651091	NA	DcbrA vs WT	-1.18311	9.45E-05
PA14_01610	carbon_compound_catabolis	PGD1651101	NA	DcbrA vs WT	-1.08091	0.001347
PA14_01670	transport_of_small_molecule	PGD1651109	NA	DcbrA vs WT	-1.05362	4.29E-04
PA14_01780	nucleotide_biosynthesis_and	PGD1651127	NA	DcbrA vs WT	-2.08416	8.95E-22
PA14_01840	transcriptional_regulators	PGD1651137	NA	DcbrA vs WT	-1.20822	0.033476
PA14_01860	transport_of_small_molecule	PGD1651139	NA	DcbrA vs WT	-1.2106	0.019301
PA14_01890	transcriptional_regulators	PGD1651143	pcaQ	DcbrA vs WT	-1.2742	6.46E-06
PA14_02030	transcriptional_regulators	PGD1651165	NA	DcbrA vs WT	-1.36854	8.62E-07
PA14_02100	hypothetical_unclassified	PGD1651175	NA	DcbrA vs WT	-1.18735	1.44E-05
PA14_02150	motility_and_attachment	PGD1651183	NA	DcbrA vs WT	-2.14784	6.18E-12

PA14_02150	transcriptional_regulators	PGD1651183	NA	DcbrA vs WT	-2.14784	6.18E-12
PA14_02220	chemotaxis	PGD1651191	NA	DcbrA vs WT	-1.59851	1.23E-20
PA14_02360	transport_of_small_molecule	PGD1651211	NA	DcbrA vs WT	-1.0636	0.039005
PA14_02380	fatty_acid_and_phospholipid	PGD1651215	NA	DcbrA vs WT	1.425244	1.32E-04
PA14_02380	putative_enzymes	PGD1651215	NA	DcbrA vs WT	1.425244	1.32E-04
PA14_02450	energy_metabolism_CAP	PGD1651225	NA	DcbrA vs WT	-1.51185	8.30E-21
PA14_02450	transport_of_small_molecule	PGD1651225	NA	DcbrA vs WT	-1.51185	8.30E-21
PA14_02520	hypothetical_unclassified	PGD1651237	NA	DcbrA vs WT	-1.23773	5.72E-06
PA14_02570	carbon_compound_catabolis	PGD1651245	mdcC	DcbrA vs WT	-3.0622	0.003049
PA14_02610	carbon_compound_catabolis	PGD1651251	NA	DcbrA vs WT	-1.07082	0.015614
PA14_02630	membrane_proteins	PGD1651255	NA	DcbrA vs WT	1.140759	9.15E-04
PA14_02630	transport_of_small_molecule	PGD1651255	NA	DcbrA vs WT	1.140759	9.15E-04
PA14_02760	carbon_compound_catabolis	PGD1651277	NA	DcbrA vs WT	1.234938	4.29E-08
PA14_02810	membrane_proteins	PGD1651283	pcaT	DcbrA vs WT	1.718193	3.44E-22
PA14_02850	carbon_compound_catabolis	PGD1651289	pcaC	DcbrA vs WT	1.268661	4.64E-10
PA14_02890	hypothetical_unclassified	PGD1651293	NA	DcbrA vs WT	1.197612	8.80E-04
PA14_02900	carbon_compound_catabolis	PGD1651295	pcaK	DcbrA vs WT	-1.9206	3.15E-11
PA14_02900	membrane_proteins	PGD1651295	pcaK	DcbrA vs WT	-1.9206	3.15E-11
PA14_02900	transport_of_small_molecule	PGD1651295	pcaK	DcbrA vs WT	-1.9206	3.15E-11
PA14_02910	transcriptional_regulators	PGD1651297	NA	DcbrA vs WT	-1.51794	1.24E-10
PA14_02960	hypothetical_unclassified	PGD1651301	NA	DcbrA vs WT	-1.20391	0.004207
PA14_02990	transport_of_small_molecule	PGD1651307	NA	DcbrA vs WT	-1.40275	0.011776
PA14_03110	hypothetical_unclassified	PGD1651329	NA	DcbrA vs WT	-2.74504	2.39E-05
PA14_03160	hypothetical_unclassified	PGD1651337	NA	DcbrA vs WT	1.134158	1.72E-09
PA14_03166	hypothetical_unclassified	PGD1651341	NA	DcbrA vs WT	1.081374	2.84E-10
PA14_03300	relative_phage_transposon	PGD1651367	NA	DcbrA vs WT	1.155534	5.63E-07
PA14_03320	hypothetical_unclassified	PGD1651371	NA	DcbrA vs WT	1.304589	2.59E-08
PA14_03350	hypothetical_unclassified	PGD1651377	NA	DcbrA vs WT	1.08433	1.83E-06
PA14_03490	carbon_compound_catabolis	PGD1651401	NA	DcbrA vs WT	-1.18995	7.20E-13
PA14_03560	hypothetical_unclassified	PGD1651411	NA	DcbrA vs WT	-1.5798	5.07E-05
PA14_03590	membrane_proteins	PGD1651415	NA	DcbrA vs WT	-1.08186	5.65E-04
PA14_03610	chaperones_heat_shock	PGD1651417	NA	DcbrA vs WT	-1.20929	0.003467
PA14_03630	transcriptional_regulators	PGD1651421	NA	DcbrA vs WT	-1.05595	0.008736
PA14_03650	transport_of_small_molecule	PGD1651423	cysA	DcbrA vs WT	-1.77329	9.93E-11
PA14_03670	membrane_proteins	PGD1651425	cysW	DcbrA vs WT	-1.09121	0.001074
PA14_03670	transport_of_small_molecule	PGD1651425	cysW	DcbrA vs WT	-1.09121	0.001074
PA14_03680	membrane_proteins	PGD1651427	cysT	DcbrA vs WT	-1.83268	1.44E-06
PA14_03680	transport_of_small_molecule	PGD1651427	cysT	DcbrA vs WT	-1.83268	1.44E-06
PA14_03700	transport_of_small_molecule	PGD1651429	sbp	DcbrA vs WT	-1.72695	5.40E-08
PA14_04040	hypothetical_unclassified	PGD1651483	NA	DcbrA vs WT	1.232324	2.27E-21
PA14_04230	membrane_proteins	PGD1651513	NA	DcbrA vs WT	-1.61112	0.012325
PA14_04230	transport_of_small_molecule	PGD1651513	NA	DcbrA vs WT	-1.61112	0.012325
PA14_04290	amino_acid_biosynthesis_mε	PGD1651521	NA	DcbrA vs WT	-1.01015	3.14E-07
PA14_04290	membrane_proteins	PGD1651521	NA	DcbrA vs WT	-1.01015	3.14E-07
PA14_04530	hypothetical_unclassified	PGD1651559	NA	DcbrA vs WT	1.092823	6.96E-09
PA14_04580	biosynthesis_of_cofactors	PGD1651567	folA	DcbrA vs WT	-1.35807	2.27E-05
PA14_04580	central_intermediary_metab	PGD1651567	folA	DcbrA vs WT	-1.35807	2.27E-05
PA14_04640	transport_of_small_molecule	PGD1651575	NA	DcbrA vs WT	1.301594	1.67E-11
PA14_04650	translation_posttranslational	PGD1651577	pfpl	DcbrA vs WT	1.971818	2.93E-24
PA14_04670	DNA_replication_recombinat	PGD1651581	mutM	DcbrA vs WT	-1.51141	1.52E-13

PA14_04690	hypothetical_unclassified	PGD1651585	NA	DcbrA vs WT	-1.70708	8.61E-15
PA14_04760	central_intermediary_metab	PGD1651595	coaD	DcbrA vs WT	1.012291	4.85E-09
PA14_04830	transport_of_small_molecul	PGD1651605	NA	DcbrA vs WT	-2.0949	6.61E-13
PA14_04840	putative_enzymes	PGD1651607	NA	DcbrA vs WT	-1.43288	2.63E-11
PA14_04970	biosynthesis_of_cofactors	PGD1651631	NA	DcbrA vs WT	-3.24915	1.14E-15
PA14_05030	hypothetical_unclassified	PGD1651641	NA	DcbrA vs WT	1.018808	1.77E-06
PA14_05050	nucleotide_biosynthesis_and	PGD1651645	NA	DcbrA vs WT	-1.78557	5.54E-18
PA14_05070	amino_acid_biosynthesis_m	PGD1651649	NA	DcbrA vs WT	-1.92697	2.01E-14
PA14_05130	membrane_proteins	PGD1651657	NA	DcbrA vs WT	1.579944	2.32E-16
PA14_05150	amino_acid_biosynthesis_m	PGD1651659	proC	DcbrA vs WT	-1.10553	1.04E-05
PA14_05210	membrane_proteins	PGD1651669	NA	DcbrA vs WT	1.261508	4.95E-12
PA14_05230	amino_acid_biosynthesis_m	PGD1651673	NA	DcbrA vs WT	-2.05642	6.36E-23
PA14_05250	nucleotide_biosynthesis_and	PGD1651675	pyrC	DcbrA vs WT	-1.02566	4.68E-06
PA14_05600	hypothetical_unclassified	PGD1651735	NA	DcbrA vs WT	-1.35877	2.24E-06
PA14_05750	amino_acid_biosynthesis_m	PGD1651753	NA	DcbrA vs WT	-2.63325	0.011903
PA14_05750	putative_enzymes	PGD1651753	NA	DcbrA vs WT	-2.63325	0.011903
PA14_05770	nucleotide_biosynthesis_and	PGD1651755	dhT	DcbrA vs WT	-1.21092	2.27E-05
PA14_05810	nucleotide_biosynthesis_and	PGD1651761	amaB	DcbrA vs WT	-1.39397	4.65E-06
PA14_05880	membrane_proteins	PGD1651773	NA	DcbrA vs WT	-2.61403	2.86E-20
PA14_06040	hypothetical_unclassified	PGD1651795	NA	DcbrA vs WT	1.208665	2.89E-14
PA14_06120	amino_acid_biosynthesis_m	PGD1651805	NA	DcbrA vs WT	-2.70569	1.01E-17
PA14_06130	adaptation_and_protection	PGD1651807	NA	DcbrA vs WT	-1.45653	9.10E-10
PA14_06160	transport_of_small_molecul	PGD1651811	NA	DcbrA vs WT	1.243071	6.56E-06
PA14_06350	fatty_acid_and_phospholipid	PGD1651847	NA	DcbrA vs WT	-1.66805	7.77E-09
PA14_06390	hypothetical_unclassified	PGD1651851	NA	DcbrA vs WT	1.668378	1.55E-13
PA14_06430	putative_enzymes	PGD1651857	NA	DcbrA vs WT	1.145676	0.016551
PA14_06510	biosynthesis_of_cofactors	PGD1651867	bioF	DcbrA vs WT	-1.53225	4.26E-09
PA14_06530	biosynthesis_of_cofactors	PGD1651869	NA	DcbrA vs WT	-2.08405	1.86E-14
PA14_06540	biosynthesis_of_cofactors	PGD1651871	NA	DcbrA vs WT	-1.71165	8.29E-05
PA14_06570	biosynthesis_of_cofactors	PGD1651873	bioD	DcbrA vs WT	-2.32705	1.21E-09
PA14_06660	biosynthesis_of_cofactors	PGD1651885	nirE	DcbrA vs WT	-2.85479	1.10E-12
PA14_06660	energy_metabolism_CAP	PGD1651885	nirE	DcbrA vs WT	-2.85479	1.10E-12
PA14_06670	energy_metabolism_CAP	PGD1651887	nirJ	DcbrA vs WT	-1.95248	1.07E-12
PA14_06690	biosynthesis_of_cofactors	PGD1651891	nirG	DcbrA vs WT	-1.57262	2.15E-06
PA14_06690	energy_metabolism_CAP	PGD1651891	nirG	DcbrA vs WT	-1.57262	2.15E-06
PA14_06690	transcriptional_regulators	PGD1651891	nirG	DcbrA vs WT	-1.57262	2.15E-06
PA14_06700	biosynthesis_of_cofactors	PGD1651893	nirL	DcbrA vs WT	-2.63587	2.95E-13
PA14_06700	energy_metabolism_CAP	PGD1651893	nirL	DcbrA vs WT	-2.63587	2.95E-13
PA14_06720	energy_metabolism_CAP	PGD1651897	nirF	DcbrA vs WT	-1.3159	2.79E-06
PA14_06730	biosynthesis_of_cofactors	PGD1651899	nirC	DcbrA vs WT	-1.58583	1.26E-05
PA14_06730	energy_metabolism_CAP	PGD1651899	nirC	DcbrA vs WT	-1.58583	1.26E-05
PA14_06740	energy_metabolism_CAP	PGD1651901	nirM	DcbrA vs WT	-3.01966	1.94E-26
PA14_06770	central_intermediary_metab	PGD1651905	nirQ	DcbrA vs WT	-1.58744	8.70E-08
PA14_06770	energy_metabolism_CAP	PGD1651905	nirQ	DcbrA vs WT	-1.58744	8.70E-08
PA14_06800	hypothetical_unclassified	PGD1651909	NA	DcbrA vs WT	-2.45454	2.19E-07
PA14_06810	energy_metabolism_CAP	PGD1651911	norC	DcbrA vs WT	-2.08646	2.30E-15
PA14_06840	energy_metabolism_CAP	PGD1651915	NA	DcbrA vs WT	-1.71501	1.06E-10
PA14_06860	hypothetical_unclassified	PGD1651917	NA	DcbrA vs WT	-2.00441	9.58E-13
PA14_06920	putative_enzymes	PGD1651929	NA	DcbrA vs WT	-1.9882	2.28E-06
PA14_06920	transport_of_small_molecul	PGD1651929	NA	DcbrA vs WT	-1.9882	2.28E-06

PA14_06960	carbon_compound_catabolis	PGD1651937	NA	DcbrA vs WT	-1.28823	6.69E-09
PA14_06960	energy_metabolism_CAP	PGD1651937	NA	DcbrA vs WT	-1.28823	6.69E-09
PA14_06960	putative_enzymes	PGD1651937	NA	DcbrA vs WT	-1.28823	6.69E-09
PA14_07020	membrane_proteins	PGD1651949	NA	DcbrA vs WT	-1.92481	9.55E-16
PA14_07110	transcriptional_regulators	PGD1651963	NA	DcbrA vs WT	-1.49373	2.74E-20
PA14_07200	hypothetical_unclassified	PGD1651975	NA	DcbrA vs WT	1.508821	2.38E-23
PA14_07230	carbon_compound_catabolis	PGD1651979	fda	DcbrA vs WT	1.697779	1.05E-20
PA14_07230	central_intermediary_metab	PGD1651979	fda	DcbrA vs WT	1.697779	1.05E-20
PA14_07370	membrane_proteins	PGD1652003	NA	DcbrA vs WT	2.703159	5.55E-36
PA14_07430	hypothetical_unclassified	PGD1652013	NA	DcbrA vs WT	-2.38247	2.63E-19
PA14_07550	hypothetical_unclassified	PGD1652031	NA	DcbrA vs WT	-1.20157	1.91E-05
PA14_07710	hypothetical_unclassified	PGD1652057	apaG	DcbrA vs WT	-1.1385	7.50E-09
PA14_07860	transport_of_small_molecule	PGD1652081	NA	DcbrA vs WT	1.398534	2.73E-10
PA14_08000	hypothetical_unclassified	PGD1652105	NA	DcbrA vs WT	1.054151	1.43E-08
PA14_08070	relative_phage_transposon	PGD1652119	NA	DcbrA vs WT	-1.11995	7.86E-04
PA14_08100	relative_phage_transposon	PGD1652123	NA	DcbrA vs WT	-2.10563	1.74E-04
PA14_08160	putative_enzymes	PGD1652135	NA	DcbrA vs WT	-2.07032	0.005043
PA14_08180	hypothetical_unclassified	PGD1652137	NA	DcbrA vs WT	-3.08403	0.033248
PA14_08210	relative_phage_transposon	PGD1652143	NA	DcbrA vs WT	1.148276	0.003183
PA14_08230	hypothetical_unclassified	PGD1652147	NA	DcbrA vs WT	-1.71424	0.002599
PA14_08260	relative_phage_transposon	PGD1652153	NA	DcbrA vs WT	-2.31358	0.001131
PA14_08330	hypothetical_unclassified	PGD1652165	NA	DcbrA vs WT	1.058179	1.29E-04
PA14_08510	energy_metabolism_CAP	PGD1652199	NA	DcbrA vs WT	1.091896	1.78E-08
PA14_09210	central_intermediary_metab	PGD1652323	pchA	DcbrA vs WT	-1.5098	4.32E-09
PA14_09210	secreted_factors	PGD1652323	pchA	DcbrA vs WT	-1.5098	4.32E-09
PA14_09210	transport_of_small_molecule	PGD1652323	pchA	DcbrA vs WT	-1.5098	4.32E-09
PA14_09220	central_intermediary_metab	PGD1652325	pchB	DcbrA vs WT	-1.29934	1.33E-05
PA14_09230	secreted_factors	PGD1652327	pchC	DcbrA vs WT	-2.22689	1.83E-11
PA14_09230	transport_of_small_molecule	PGD1652327	pchC	DcbrA vs WT	-2.22689	1.83E-11
PA14_09240	central_intermediary_metab	PGD1652329	pchD	DcbrA vs WT	-1.41353	1.33E-06
PA14_09240	secreted_factors	PGD1652329	pchD	DcbrA vs WT	-1.41353	1.33E-06
PA14_09240	transport_of_small_molecule	PGD1652329	pchD	DcbrA vs WT	-1.41353	1.33E-06
PA14_09260	transcriptional_regulators	PGD1652331	pchR	DcbrA vs WT	-1.05984	6.08E-07
PA14_09270	transport_of_small_molecule	PGD1652333	pchE	DcbrA vs WT	-2.10028	4.23E-16
PA14_09280	transport_of_small_molecule	PGD1652335	pchF	DcbrA vs WT	-2.01134	1.42E-14
PA14_09290	central_intermediary_metab	PGD1652337	pchG	DcbrA vs WT	-1.43444	6.21E-08
PA14_09290	membrane_proteins	PGD1652337	pchG	DcbrA vs WT	-1.43444	6.21E-08
PA14_09290	transport_of_small_molecule	PGD1652337	pchG	DcbrA vs WT	-1.43444	6.21E-08
PA14_09300	transport_of_small_molecule	PGD1652339	NA	DcbrA vs WT	-2.30566	1.36E-16
PA14_09320	transport_of_small_molecule	PGD1652341	NA	DcbrA vs WT	-1.87026	2.02E-11
PA14_09350	hypothetical_unclassified	PGD1652345	NA	DcbrA vs WT	-2.52287	1.05E-11
PA14_09370	antibiotic_resistance_and_su	PGD1652347	NA	DcbrA vs WT	-2.46279	1.58E-13
PA14_09370	membrane_proteins	PGD1652347	NA	DcbrA vs WT	-2.46279	1.58E-13
PA14_09380	antibiotic_resistance_and_su	PGD1652349	NA	DcbrA vs WT	-1.58724	4.95E-09
PA14_09380	membrane_proteins	PGD1652349	NA	DcbrA vs WT	-1.58724	4.95E-09
PA14_09380	transport_of_small_molecule	PGD1652349	NA	DcbrA vs WT	-1.58724	4.95E-09
PA14_09400	putative_enzymes	PGD1652351	phzS	DcbrA vs WT	-3.14341	8.90E-19
PA14_09410	secreted_factors	PGD1652353	phzG1	DcbrA vs WT	-2.2577	0.001062
PA14_09450	secreted_factors	PGD1652359	phzD1	DcbrA vs WT	-2.64218	5.07E-05
PA14_09460	secreted_factors	PGD1652361	phzC1	DcbrA vs WT	-2.06225	1.86E-04

PA14_09470	secreted_factors	PGD1652363	phzB1	DcbrA vs WT	-2.08652	9.87E-06
PA14_09480	secreted_factors	PGD1652365	phzA1	DcbrA vs WT	-2.79237	7.75E-07
PA14_09500	membrane_proteins	PGD1652369	opmD	DcbrA vs WT	-2.72879	1.36E-10
PA14_09500	transport_of_small_molecule	PGD1652369	opmD	DcbrA vs WT	-2.72879	1.36E-10
PA14_09530	transport_of_small_molecule	PGD1652373	mexH	DcbrA vs WT	-1.4739	0.003095
PA14_09540	membrane_proteins	PGD1652375	mexG	DcbrA vs WT	-1.65695	4.97E-04
PA14_09570	transcriptional_regulators	PGD1652379	NA	DcbrA vs WT	-1.82677	0.001851
PA14_09580	putative_enzymes	PGD1652381	NA	DcbrA vs WT	-2.04758	5.79E-07
PA14_09600	cell_wall_LPS	PGD1652383	ddlA	DcbrA vs WT	-1.67385	2.54E-23
PA14_09690	two_component_regulators	PGD1652393	NA	DcbrA vs WT	-2.04878	2.09E-14
PA14_09780	hypothetical_unclassified	PGD1652409	NA	DcbrA vs WT	1.065623	2.26E-06
PA14_09900	putative_enzymes	PGD1652425	prpL	DcbrA vs WT	-1.82028	6.71E-11
PA14_09900	secreted_factors	PGD1652425	prpL	DcbrA vs WT	-1.82028	6.71E-11
PA14_09930	DNA_replication_recombinat	PGD1652431	NA	DcbrA vs WT	1.323467	1.61E-06
PA14_09940	putative_enzymes	PGD1652433	NA	DcbrA vs WT	1.439863	2.25E-13
PA14_10140	transport_of_small_molecule	PGD1652465	fepG	DcbrA vs WT	-2.9074	0.001831
PA14_10170	transport_of_small_molecule	PGD1652469	fepB	DcbrA vs WT	-2.0322	8.21E-07
PA14_10210	energy_metabolism_CAP	PGD1652477	NA	DcbrA vs WT	-2.36983	6.34E-07
PA14_10260	carbon_compound_catabolis	PGD1652487	NA	DcbrA vs WT	-1.86151	0.002425
PA14_10280	putative_enzymes	PGD1652491	NA	DcbrA vs WT	-2.39354	0.038792
PA14_10340	protein_secretion_export	PGD1652501	NA	DcbrA vs WT	1.23937	4.37E-07
PA14_10350	protein_secretion_export	PGD1652503	NA	DcbrA vs WT	1.627087	2.06E-20
PA14_10360	hypothetical_unclassified	PGD1652505	NA	DcbrA vs WT	1.083854	8.00E-07
PA14_10370	fatty_acid_and_phospholipid	PGD1652507	NA	DcbrA vs WT	2.350601	3.31E-19
PA14_10380	hypothetical_unclassified	PGD1652509	NA	DcbrA vs WT	3.303523	2.33E-111
PA14_10490	hypothetical_unclassified	PGD1652523	NA	DcbrA vs WT	-1.50806	7.30E-35
PA14_10530	transcriptional_regulators	PGD1652527	NA	DcbrA vs WT	-1.08477	2.04E-17
PA14_10540	energy_metabolism_CAP	PGD1652529	NA	DcbrA vs WT	-1.76974	7.79E-39
PA14_10560	hypothetical_unclassified	PGD1652533	NA	DcbrA vs WT	-1.62774	1.99E-13
PA14_10570	carbon_compound_catabolis	PGD1652535	NA	DcbrA vs WT	-1.63092	1.37E-04
PA14_10830	transcriptional_regulators	PGD1652577	NA	DcbrA vs WT	1.404909	5.80E-26
PA14_10850	putative_enzymes	PGD1652581	NA	DcbrA vs WT	-1.35792	2.19E-05
PA14_10910	transport_of_small_molecule	PGD1652589	NA	DcbrA vs WT	-2.27942	5.37E-06
PA14_10940	transcriptional_regulators	PGD1652593	NA	DcbrA vs WT	1.472877	2.82E-20
PA14_10950	hypothetical_unclassified	PGD1652595	NA	DcbrA vs WT	-1.93211	3.02E-06
PA14_10990	carbon_compound_catabolis	PGD1652603	hpaC	DcbrA vs WT	-2.16705	1.08E-08
PA14_11010	hypothetical_unclassified	PGD1652607	NA	DcbrA vs WT	-1.1479	0.003471
PA14_11060	motility_and_attachment	PGD1652615	cupB1	DcbrA vs WT	1.661934	1.71E-04
PA14_11130	putative_enzymes	PGD1652629	NA	DcbrA vs WT	-1.02924	1.16E-10
PA14_11140	biosynthesis_of_cofactors	PGD1652631	NA	DcbrA vs WT	-1.75052	1.78E-14
PA14_11170	hypothetical_unclassified	PGD1652637	NA	DcbrA vs WT	-1.53972	5.31E-19
PA14_11270	membrane_proteins	PGD1652653	oprG	DcbrA vs WT	-1.25052	1.55E-14
PA14_11280	fatty_acid_and_phospholipid	PGD1652655	NA	DcbrA vs WT	1.209014	5.65E-06
PA14_11350	hypothetical_unclassified	PGD1652667	NA	DcbrA vs WT	-1.02079	0.001996
PA14_11370	fatty_acid_and_phospholipid	PGD1652669	NA	DcbrA vs WT	-1.4807	2.59E-06
PA14_11380	nucleotide_biosynthesis_and	PGD1652671	nrdR	DcbrA vs WT	-1.06496	1.65E-11
PA14_11380	transcriptional_regulators	PGD1652671	nrdR	DcbrA vs WT	-1.06496	1.65E-11
PA14_11410	biosynthesis_of_cofactors	PGD1652675	ribC	DcbrA vs WT	-1.22959	6.20E-09
PA14_11670	hypothetical_unclassified	PGD1652719	NA	DcbrA vs WT	1.288832	0.02815
PA14_11740	hypothetical_unclassified	PGD1652731	NA	DcbrA vs WT	-1.44637	1.30E-14

PA14_11880	hypothetical_unclassified	PGD1652749	NA	DcbrA vs WT	-1.37605	1.50E-06
PA14_11890	hypothetical_unclassified	PGD1652751	NA	DcbrA vs WT	-1.10574	3.20E-09
PA14_11960	membrane_proteins	PGD1652763	NA	DcbrA vs WT	-1.35934	2.16E-07
PA14_11990	membrane_proteins	PGD1652769	NA	DcbrA vs WT	-1.12024	6.04E-04
PA14_11990	putative_enzymes	PGD1652769	NA	DcbrA vs WT	-1.12024	6.04E-04
PA14_12050	hypothetical_unclassified	PGD1652777	NA	DcbrA vs WT	-1.04031	4.76E-08
PA14_12300	adaptation_and_protection	PGD1652817	NA	DcbrA vs WT	1.216557	3.45E-27
PA14_12310	hypothetical_unclassified	PGD1652819	NA	DcbrA vs WT	1.017814	2.86E-09
PA14_12400	biosynthesis_of_cofactors	PGD1652831	thiE	DcbrA vs WT	-1.53484	4.88E-08
PA14_12410	biosynthesis_of_cofactors	PGD1652833	thiD	DcbrA vs WT	-1.44938	7.68E-12
PA14_12440	transcriptional_regulators	PGD1652837	NA	DcbrA vs WT	-1.80335	7.12E-11
PA14_12470	hypothetical_unclassified	PGD1652841	NA	DcbrA vs WT	-1.55291	8.03E-05
PA14_12530	hypothetical_unclassified	PGD1652845	NA	DcbrA vs WT	-1.04314	5.76E-07
PA14_12540	putative_enzymes	PGD1652847	NA	DcbrA vs WT	-1.96835	2.97E-10
PA14_12540	transcription_RNA_processin	PGD1652847	NA	DcbrA vs WT	-1.96835	2.97E-10
PA14_12560	membrane_proteins	PGD1652851	NA	DcbrA vs WT	1.239234	6.29E-09
PA14_12570	transcriptional_regulators	PGD1652853	NA	DcbrA vs WT	1.092385	1.88E-06
PA14_12620	hypothetical_unclassified	PGD1652859	NA	DcbrA vs WT	1.91915	1.40E-45
PA14_12640	hypothetical_unclassified	PGD1652863	NA	DcbrA vs WT	-1.7943	0.003551
PA14_12650	hypothetical_unclassified	PGD1652865	NA	DcbrA vs WT	-2.10265	3.67E-12
PA14_12670	DNA_replication_recombinat	PGD1652867	NA	DcbrA vs WT	-1.21329	7.02E-17
PA14_12750	hypothetical_unclassified	PGD1652881	NA	DcbrA vs WT	1.673897	1.30E-19
PA14_12810	two_component_regulators	PGD1652889	NA	DcbrA vs WT	1.033291	3.24E-07
PA14_12860	hypothetical_unclassified	PGD1652897	NA	DcbrA vs WT	-1.15711	1.30E-10
PA14_12920	transport_of_small_molecul	PGD1652907	NA	DcbrA vs WT	-2.30717	1.77E-08
PA14_12940	transport_of_small_molecul	PGD1652909	NA	DcbrA vs WT	-2.29455	5.14E-06
PA14_12960	transport_of_small_molecul	PGD1652911	NA	DcbrA vs WT	-1.55502	0.02285
PA14_12970	carbon_compound_catabolis	PGD1652913	tauD	DcbrA vs WT	-2.74456	1.04E-05
PA14_13000	transcriptional_regulators	PGD1652919	NA	DcbrA vs WT	-1.74323	1.18E-07
PA14_13050	hypothetical_unclassified	PGD1652927	NA	DcbrA vs WT	-4.03577	8.96E-42
PA14_13140	hypothetical_unclassified	PGD1652939	NA	DcbrA vs WT	-2.201	8.20E-25
PA14_13170	transport_of_small_molecul	PGD1652943	NA	DcbrA vs WT	-2.53685	1.85E-25
PA14_13230	biosynthesis_of_cofactors	PGD1652953	moaC	DcbrA vs WT	-1.17488	2.52E-13
PA14_13240	biosynthesis_of_cofactors	PGD1652955	moaD	DcbrA vs WT	-1.6489	1.90E-08
PA14_13250	biosynthesis_of_cofactors	PGD1652957	moaE	DcbrA vs WT	-1.39125	6.33E-10
PA14_13260	biosynthesis_of_cofactors	PGD1652959	moaB1	DcbrA vs WT	-1.13925	2.43E-05
PA14_13280	biosynthesis_of_cofactors	PGD1652961	moeA1	DcbrA vs WT	-1.56161	7.61E-07
PA14_13320	fatty_acid_and_phospholipid	PGD1652967	NA	DcbrA vs WT	-1.19412	7.39E-05
PA14_13370	hypothetical_unclassified	PGD1652977	NA	DcbrA vs WT	-1.09398	3.13E-07
PA14_13390	hypothetical_unclassified	PGD1652981	NA	DcbrA vs WT	-3.38446	1.96E-29
PA14_13430	transport_of_small_molecul	PGD1652987	fecA	DcbrA vs WT	-1.34705	0.008871
PA14_13450	membrane_proteins	PGD1652989	NA	DcbrA vs WT	-1.35191	0.02021
PA14_13460	transcriptional_regulators	PGD1652991	NA	DcbrA vs WT	1.447142	0.005171
PA14_13580	transport_of_small_molecul	PGD1653007	NA	DcbrA vs WT	1.684538	1.97E-09
PA14_13590	membrane_proteins	PGD1653009	NA	DcbrA vs WT	1.876195	2.16E-11
PA14_13590	transport_of_small_molecul	PGD1653009	NA	DcbrA vs WT	1.876195	2.16E-11
PA14_13600	transport_of_small_molecul	PGD1653011	NA	DcbrA vs WT	1.407135	1.14E-09
PA14_13610	membrane_proteins	PGD1653013	NA	DcbrA vs WT	1.462739	1.14E-12
PA14_13610	transport_of_small_molecul	PGD1653013	NA	DcbrA vs WT	1.462739	1.14E-12
PA14_13630	hypothetical_unclassified	PGD1653017	NA	DcbrA vs WT	1.167271	2.22E-08

PA14_13680	biosynthesis_of_cofactors	PGD1653025	NA	DcbrA vs WT	-1.33438	5.94E-05
PA14_13690	biosynthesis_of_cofactors	PGD1653027	NA	DcbrA vs WT	-1.12464	7.80E-05
PA14_13720	hypothetical_unclassified	PGD1653031	NA	DcbrA vs WT	-1.78039	2.13E-07
PA14_13750	membrane_proteins	PGD1653037	narK1	DcbrA vs WT	-1.00358	9.82E-05
PA14_13750	transport_of_small_molecule	PGD1653037	narK1	DcbrA vs WT	-1.00358	9.82E-05
PA14_13810	energy_metabolism_CAP	PGD1653045	narJ	DcbrA vs WT	-1.63545	2.15E-06
PA14_13890	relative_phage_transposon	PGD1653059	NA	DcbrA vs WT	1.116749	1.62E-06
PA14_14020	amino_acid_biosynthesis_mε	PGD1653079	NA	DcbrA vs WT	-1.28745	0.010747
PA14_14100	transport_of_small_molecule	PGD1653087	NA	DcbrA vs WT	-1.7883	2.38E-25
PA14_14270	putative_enzymes	PGD1653111	NA	DcbrA vs WT	-2.03219	5.65E-28
PA14_14280	transcriptional_regulators	PGD1653113	NA	DcbrA vs WT	-1.23857	9.67E-06
PA14_14330	chaperones_heat_shock	PGD1653123	NA	DcbrA vs WT	1.105068	0.020526
PA14_14330	protein_secretion_export	PGD1653123	NA	DcbrA vs WT	1.105068	0.020526
PA14_14330	secreted_factors	PGD1653123	NA	DcbrA vs WT	1.105068	0.020526
PA14_14370	transport_of_small_molecule	PGD1653129	NA	DcbrA vs WT	-1.36816	2.15E-10
PA14_14490	amino_acid_biosynthesis_mε	PGD1653151	NA	DcbrA vs WT	1.032622	4.51E-05
PA14_14500	membrane_proteins	PGD1653153	NA	DcbrA vs WT	1.235582	5.95E-29
PA14_14560	hypothetical_unclassified	PGD1653165	NA	DcbrA vs WT	-1.56503	1.16E-07
PA14_14660	membrane_proteins	PGD1653179	NA	DcbrA vs WT	1.009026	7.28E-07
PA14_14660	protein_secretion_export	PGD1653179	NA	DcbrA vs WT	1.009026	7.28E-07
PA14_14990	energy_metabolism_CAP	PGD1653227	NA	DcbrA vs WT	1.799442	3.57E-43
PA14_15050	membrane_proteins	PGD1653235	NA	DcbrA vs WT	-1.02686	2.62E-15
PA14_15070	transport_of_small_molecule	PGD1653237	oprC	DcbrA vs WT	-1.51459	3.00E-18
PA14_15080	membrane_proteins	PGD1653239	NA	DcbrA vs WT	-1.12229	4.28E-14
PA14_15100	membrane_proteins	PGD1653243	NA	DcbrA vs WT	-1.18936	4.31E-21
PA14_15160	hypothetical_unclassified	PGD1653255	NA	DcbrA vs WT	-1.20237	0.001268
PA14_15380	relative_phage_transposon	PGD1653289	repA	DcbrA vs WT	1.097876	8.59E-04
PA14_15470	adaptation_and_protection	PGD1653305	merP	DcbrA vs WT	1.003075	0.033503
PA14_15475	hypothetical_unclassified	PGD1653307	merT	DcbrA vs WT	1.443492	1.84E-05
PA14_15490	hypothetical_unclassified	PGD1653311	NA	DcbrA vs WT	1.163834	2.92E-05
PA14_15520	relative_phage_transposon	PGD1653317	trbJ	DcbrA vs WT	1.067174	2.54E-05
PA14_15570	relative_phage_transposon	PGD1653325	NA	DcbrA vs WT	1.010985	2.33E-05
PA14_15630	hypothetical_unclassified	PGD1653337	NA	DcbrA vs WT	1.416021	8.50E-09
PA14_15680	nucleotide_biosynthesis_and	PGD1653345	NA	DcbrA vs WT	-1.11145	1.75E-11
PA14_15710	hypothetical_unclassified	PGD1653349	NA	DcbrA vs WT	-1.23015	0.002684
PA14_15870	transport_of_small_molecule	PGD1653375	NA	DcbrA vs WT	-1.02087	1.09E-14
PA14_15880	hypothetical_unclassified	PGD1653377	NA	DcbrA vs WT	-1.24591	1.29E-05
PA14_16010	fatty_acid_and_phospholipid	PGD1653399	NA	DcbrA vs WT	1.139236	0.028269
PA14_16030	membrane_proteins	PGD1653403	NA	DcbrA vs WT	1.035615	2.62E-15
PA14_16030	transport_of_small_molecule	PGD1653403	NA	DcbrA vs WT	1.035615	2.62E-15
PA14_16290	hypothetical_unclassified	PGD1653443	NA	DcbrA vs WT	1.988663	6.30E-11
PA14_16330	hypothetical_unclassified	PGD1653451	NA	DcbrA vs WT	-1.08358	8.34E-15
PA14_16370	membrane_proteins	PGD1653459	NA	DcbrA vs WT	-1.93418	1.77E-22
PA14_16630	membrane_proteins	PGD1653499	NA	DcbrA vs WT	1.286554	1.05E-06
PA14_16630	transport_of_small_molecule	PGD1653499	NA	DcbrA vs WT	1.286554	1.05E-06
PA14_16690	central_intermediary_metab	PGD1653509	ppc	DcbrA vs WT	-1.3913	2.12E-21
PA14_16690	energy_metabolism_CAP	PGD1653509	ppc	DcbrA vs WT	-1.3913	2.12E-21
PA14_16720	hypothetical_unclassified	PGD1653515	pemA	DcbrA vs WT	-2.05973	6.35E-18
PA14_16740	carbon_compound_catabolis	PGD1653519	NA	DcbrA vs WT	-1.11954	3.93E-06
PA14_16770	hypothetical_unclassified	PGD1653523	NA	DcbrA vs WT	-1.14491	1.59E-04



PA14_16800	transport_of_small_molecule	PGD1653529	NA	DcbrA vs WT	-1.98744	3.23E-17
PA14_16870	transport_of_small_molecule	PGD1653539	NA	DcbrA vs WT	-1.12043	1.14E-05
PA14_16990	hypothetical_unclassified	PGD1653559	NA	DcbrA vs WT	3.147324	4.65E-17
PA14_17000	hypothetical_unclassified	PGD1653561	NA	DcbrA vs WT	-3.49963	6.69E-04
PA14_17410	putative_enzymes	PGD1653627	NA	DcbrA vs WT	-1.04602	0.001171
PA14_17580	hypothetical_unclassified	PGD1653657	NA	DcbrA vs WT	-2.24313	2.82E-24
PA14_17590	hypothetical_unclassified	PGD1653659	NA	DcbrA vs WT	1.664252	5.25E-16
PA14_17600	protein_secretion_export	PGD1653661	NA	DcbrA vs WT	1.062075	3.70E-08
PA14_17690	membrane_proteins	PGD1653679	NA	DcbrA vs WT	1.83266	1.57E-50
PA14_17690	transport_of_small_molecule	PGD1653679	NA	DcbrA vs WT	1.83266	1.57E-50
PA14_17790	transcriptional_regulators	PGD1653695	NA	DcbrA vs WT	1.262646	8.14E-09
PA14_18040	hypothetical_unclassified	PGD1653729	NA	DcbrA vs WT	1.422245	1.22E-08
PA14_18100	hypothetical_unclassified	PGD1653741	NA	DcbrA vs WT	-1.26194	2.12E-04
PA14_18160	energy_metabolism_CAP	PGD1653751	NA	DcbrA vs WT	-1.17047	3.22E-05
PA14_18160	putative_enzymes	PGD1653751	NA	DcbrA vs WT	-1.17047	3.22E-05
PA14_18180	antibiotic_resistance_and_su	PGD1653753	NA	DcbrA vs WT	-1.76557	0.019821
PA14_18200	transcriptional_regulators	PGD1653755	NA	DcbrA vs WT	-1.54348	2.83E-10
PA14_18210	DNA_replication_recombinat	PGD1653757	NA	DcbrA vs WT	-2.55284	2.13E-08
PA14_18250	central_intermediary_metab	PGD1653761	NA	DcbrA vs WT	-1.05687	3.25E-04
PA14_18250	transport_of_small_molecule	PGD1653761	NA	DcbrA vs WT	-1.05687	3.25E-04
PA14_18260	central_intermediary_metab	PGD1653763	fruK	DcbrA vs WT	-2.29038	3.58E-05
PA14_18260	transport_of_small_molecule	PGD1653763	fruK	DcbrA vs WT	-2.29038	3.58E-05
PA14_18340	carbon_compound_catabolis	PGD1653775	NA	DcbrA vs WT	-2.80184	0.016008
PA14_18350	adaptation_and_protection	PGD1653777	NA	DcbrA vs WT	1.268584	2.38E-04
PA14_18350	antibiotic_resistance_and_su	PGD1653777	NA	DcbrA vs WT	1.268584	2.38E-04
PA14_18350	cell_wall_LPS	PGD1653777	NA	DcbrA vs WT	1.268584	2.38E-04
PA14_18350	putative_enzymes	PGD1653777	NA	DcbrA vs WT	1.268584	2.38E-04
PA14_18350	translation_posttranslational	PGD1653777	NA	DcbrA vs WT	1.268584	2.38E-04
PA14_18370	amino_acid_biosynthesis_mε	PGD1653781	NA	DcbrA vs WT	-1.66115	0.00338
PA14_18580	adaptation_and_protection	PGD1653805	algD	DcbrA vs WT	1.276824	1.22E-04
PA14_18580	cell_wall_LPS	PGD1653805	algD	DcbrA vs WT	1.276824	1.22E-04
PA14_18580	secreted_factors	PGD1653805	algD	DcbrA vs WT	1.276824	1.22E-04
PA14_18590	hypothetical_unclassified	PGD1653807	NA	DcbrA vs WT	1.162256	2.42E-04
PA14_18620	hypothetical_unclassified	PGD1653813	NA	DcbrA vs WT	-1.03645	2.01E-07
PA14_18630	putative_enzymes	PGD1653815	NA	DcbrA vs WT	-1.73419	7.21E-28
PA14_18690	adaptation_and_protection	PGD1653827	NA	DcbrA vs WT	1.053745	4.66E-13
PA14_18690	putative_enzymes	PGD1653827	NA	DcbrA vs WT	1.053745	4.66E-13
PA14_18690	translation_posttranslational	PGD1653827	NA	DcbrA vs WT	1.053745	4.66E-13
PA14_18810	hypothetical_unclassified	PGD1653847	NA	DcbrA vs WT	1.297095	1.21E-06
PA14_18900	energy_metabolism_CAP	PGD1653863	NA	DcbrA vs WT	-1.65093	1.85E-07
PA14_19030	hypothetical_unclassified	PGD1653883	NA	DcbrA vs WT	-1.15563	2.79E-09
PA14_19110	secreted_factors	PGD1653893	rhIB	DcbrA vs WT	1.140795	2.80E-07
PA14_19120	transcriptional_regulators	PGD1653895	rhIR	DcbrA vs WT	1.252582	0.003157
PA14_19205	hypothetical_unclassified	PGD1653909	NA	DcbrA vs WT	-1.76932	5.77E-05
PA14_19270	transport_of_small_molecule	PGD1653915	NA	DcbrA vs WT	-1.93336	3.28E-06
PA14_19330	hypothetical_unclassified	PGD1653923	NA	DcbrA vs WT	-1.32441	1.04E-05
PA14_19340	two_component_regulators	PGD1653925	NA	DcbrA vs WT	-1.50596	7.55E-23
PA14_19350	carbon_compound_catabolis	PGD1653927	NA	DcbrA vs WT	1.642431	2.51E-11
PA14_19370	amino_acid_biosynthesis_mε	PGD1653931	NA	DcbrA vs WT	1.207732	1.35E-17
PA14_19390	membrane_proteins	PGD1653935	NA	DcbrA vs WT	-1.37352	8.87E-10

PA14_19400	amino_acid_biosynthesis_mε	PGD1653937	mnmC	DcbrA vs WT	-1.34301	2.02E-08
PA14_19480	hypothetical_unclassified	PGD1653947	NA	DcbrA vs WT	1.417299	2.92E-16
PA14_19500	transport_of_small_moleculε	PGD1653951	NA	DcbrA vs WT	-1.13472	0.02693
PA14_19530	central_intermediary_metab	PGD1653957	NA	DcbrA vs WT	-1.71701	8.83E-05
PA14_19560	central_intermediary_metab	PGD1653961	ssuD	DcbrA vs WT	-2.7957	6.56E-04
PA14_19580	transport_of_small_moleculε	PGD1653965	ssuB	DcbrA vs WT	-3.11757	0.016709
PA14_19650	membrane_proteins	PGD1653979	NA	DcbrA vs WT	-2.01935	0.024601
PA14_19750	hypothetical_unclassified	PGD1653999	NA	DcbrA vs WT	-2.56904	1.12E-06
PA14_19800	transcriptional_regulators	PGD1654003	NA	DcbrA vs WT	1.409478	1.68E-12
PA14_19850	transcriptional_regulators	PGD1654009	NA	DcbrA vs WT	-1.84189	6.84E-07
PA14_19870	amino_acid_biosynthesis_mε	PGD1654013	ldh	DcbrA vs WT	-1.07353	1.73E-06
PA14_19900	energy_metabolism_CAP	PGD1654015	NA	DcbrA vs WT	-2.09994	4.46E-18
PA14_19910	energy_metabolism_CAP	PGD1654017	NA	DcbrA vs WT	-1.9663	2.43E-18
PA14_19920	energy_metabolism_CAP	PGD1654019	NA	DcbrA vs WT	-2.18909	3.79E-28
PA14_19930	hypothetical_unclassified	PGD1654021	NA	DcbrA vs WT	-1.57834	1.22E-04
PA14_19940	hypothetical_unclassified	PGD1654023	NA	DcbrA vs WT	-1.60819	8.28E-05
PA14_20000	membrane_proteins	PGD1654033	NA	DcbrA vs WT	-2.52835	2.47E-04
PA14_20010	transport_of_small_moleculε	PGD1654035	hasR	DcbrA vs WT	-1.37641	0.026245
PA14_20020	transport_of_small_moleculε	PGD1654037	hasAp	DcbrA vs WT	-2.1436	0.002103
PA14_20030	protein_secretion_export	PGD1654039	hasD	DcbrA vs WT	-3.3893	0.003145
PA14_20040	protein_secretion_export	PGD1654041	hasE	DcbrA vs WT	-2.88462	0.003045
PA14_20060	hypothetical_unclassified	PGD1654045	NA	DcbrA vs WT	1.377151	9.51E-11
PA14_20070	membrane_proteins	PGD1654047	NA	DcbrA vs WT	-1.21065	0.005743
PA14_20120	hypothetical_unclassified	PGD1654055	NA	DcbrA vs WT	-2.0557	2.14E-24
PA14_20150	energy_metabolism_CAP	PGD1654061	nosL	DcbrA vs WT	-2.28335	1.14E-10
PA14_20180	energy_metabolism_CAP	PGD1654065	nosF	DcbrA vs WT	-1.86005	9.58E-07
PA14_20180	transport_of_small_moleculε	PGD1654065	nosF	DcbrA vs WT	-1.86005	9.58E-07
PA14_20260	hypothetical_unclassified	PGD1654077	NA	DcbrA vs WT	-1.14705	1.94E-04
PA14_20430	transport_of_small_moleculε	PGD1654105	phnM	DcbrA vs WT	-1.73646	1.66E-05
PA14_20440	transport_of_small_moleculε	PGD1654107	phnN	DcbrA vs WT	-1.15789	3.12E-05
PA14_20460	hypothetical_unclassified	PGD1654111	NA	DcbrA vs WT	1.288244	1.32E-10
PA14_20470	membrane_proteins	PGD1654113	NA	DcbrA vs WT	1.9355	1.63E-18
PA14_20480	membrane_proteins	PGD1654115	NA	DcbrA vs WT	1.327009	2.52E-09
PA14_20560	carbon_compound_catabolis	PGD1654129	amiE	DcbrA vs WT	2.24892	3.04E-28
PA14_20640	membrane_proteins	PGD1654145	NA	DcbrA vs WT	-1.51714	0.014008
PA14_20680	membrane_proteins	PGD1654151	NA	DcbrA vs WT	-1.01102	6.69E-13
PA14_20890	cell_wall_LPS	PGD1654187	rfaD	DcbrA vs WT	-2.41382	7.83E-21
PA14_20900	membrane_proteins	PGD1654189	NA	DcbrA vs WT	-1.04166	1.44E-04
PA14_20950	fatty_acid_and_phospholipid	PGD1654195	fabH2	DcbrA vs WT	-1.09016	3.24E-04
PA14_20980	putative_enzymes	PGD1654201	NA	DcbrA vs WT	-1.18831	1.47E-05
PA14_21010	energy_metabolism_CAP	PGD1654205	NA	DcbrA vs WT	-1.3741	1.09E-05
PA14_21050	putative_enzymes	PGD1654213	NA	DcbrA vs WT	-1.07572	7.61E-05
PA14_21080	transcriptional_regulators	PGD1654219	NA	DcbrA vs WT	-1.07534	0.004487
PA14_21120	hypothetical_unclassified	PGD1654225	NA	DcbrA vs WT	2.631002	1.74E-56
PA14_21160	transport_of_small_moleculε	PGD1654233	NA	DcbrA vs WT	-2.12259	6.67E-04
PA14_21220	hypothetical_unclassified	PGD1654243	NA	DcbrA vs WT	-2.71154	1.64E-20
PA14_21530	hypothetical_unclassified	PGD1654289	NA	DcbrA vs WT	-1.02784	0.003941
PA14_21570	hypothetical_unclassified	PGD1654297	NA	DcbrA vs WT	1.433587	0.021095
PA14_21600	membrane_proteins	PGD1654303	NA	DcbrA vs WT	1.883577	0.008161
PA14_21610	transport_of_small_moleculε	PGD1654305	oprO	DcbrA vs WT	2.049807	3.70E-10

PA14_21620	transport_of_small_molecule	PGD1654307	oprP	DcbrA vs WT	1.213218	3.00E-04
PA14_21670	hypothetical_unclassified	PGD1654317	NA	DcbrA vs WT	2.896811	1.39E-49
PA14_21680	hypothetical_unclassified	PGD1654319	NA	DcbrA vs WT	1.191273	1.25E-06
PA14_21730	transport_of_small_molecule	PGD1654329	NA	DcbrA vs WT	1.062723	4.35E-07
PA14_21830	hypothetical_unclassified	PGD1654347	NA	DcbrA vs WT	1.619897	4.44E-33
PA14_21860	hypothetical_unclassified	PGD1654353	NA	DcbrA vs WT	-2.05947	7.02E-15
PA14_21920	membrane_proteins	PGD1654365	NA	DcbrA vs WT	1.039232	3.89E-04
PA14_21920	transport_of_small_molecule	PGD1654365	NA	DcbrA vs WT	1.039232	3.89E-04
PA14_21980	translation_posttranslational	PGD1654375	NA	DcbrA vs WT	-1.0141	6.40E-06
PA14_22110	hypothetical_unclassified	PGD1654399	NA	DcbrA vs WT	1.485851	9.74E-05
PA14_22120	hypothetical_unclassified	PGD1654401	NA	DcbrA vs WT	1.23274	3.33E-05
PA14_22240	hypothetical_unclassified	PGD1654419	NA	DcbrA vs WT	2.34531	0.008846
PA14_22320	membrane_proteins	PGD1654433	NA	DcbrA vs WT	-2.35416	1.95E-06
PA14_22340	membrane_proteins	PGD1654437	NA	DcbrA vs WT	1.674402	2.60E-11
PA14_22350	membrane_proteins	PGD1654439	actP	DcbrA vs WT	1.63404	2.09E-11
PA14_22400	membrane_proteins	PGD1654445	NA	DcbrA vs WT	2.445163	4.12E-23
PA14_22410	hypothetical_unclassified	PGD1654447	NA	DcbrA vs WT	1.193704	1.52E-13
PA14_22420	hypothetical_unclassified	PGD1654449	NA	DcbrA vs WT	2.854317	4.01E-21
PA14_22470	transcriptional_regulators	PGD1654457	NA	DcbrA vs WT	-1.57787	1.84E-11
PA14_22500	translation_posttranslational	PGD1654463	NA	DcbrA vs WT	1.151687	4.21E-04
PA14_22510	hypothetical_unclassified	PGD1654465	NA	DcbrA vs WT	1.649251	0.016192
PA14_22520	cell_wall_LPS	PGD1654467	NA	DcbrA vs WT	1.119797	0.003997
PA14_22560	membrane_proteins	PGD1654475	NA	DcbrA vs WT	-1.35691	5.16E-10
PA14_22650	transport_of_small_molecule	PGD1654491	NA	DcbrA vs WT	-1.38508	5.79E-10
PA14_22710	energy_metabolism_CAP	PGD1654503	NA	DcbrA vs WT	-1.88744	5.97E-10
PA14_22760	transcriptional_regulators	PGD1654511	cpxR	DcbrA vs WT	-1.10553	1.04E-05
PA14_22760	two_component_regulators	PGD1654511	cpxR	DcbrA vs WT	-1.10553	1.04E-05
PA14_22780	putative_enzymes	PGD1654515	ycil	DcbrA vs WT	-1.08903	8.93E-08
PA14_22800	cell_division	PGD1654517	yciB	DcbrA vs WT	1.247418	3.08E-17
PA14_22800	membrane_proteins	PGD1654517	yciB	DcbrA vs WT	1.247418	3.08E-17
PA14_22840	hypothetical_unclassified	PGD1654523	NA	DcbrA vs WT	1.306937	2.61E-11
PA14_22890	carbon_compound_catabolism	PGD1654531	gapA	DcbrA vs WT	1.236742	1.37E-09
PA14_22890	energy_metabolism_CAP	PGD1654531	gapA	DcbrA vs WT	1.236742	1.37E-09
PA14_23100	DNA_replication_recombination	PGD1654561	NA	DcbrA vs WT	1.034565	1.76E-10
PA14_23160	transport_of_small_molecule	PGD1654569	gltS	DcbrA vs WT	-1.28716	0.019242
PA14_23320	nucleotide_biosynthesis_and	PGD1654595	cmk	DcbrA vs WT	-1.18276	1.92E-10
PA14_23480	DNA_replication_recombination	PGD1654627	NA	DcbrA vs WT	1.037911	2.93E-08
PA14_23520	transport_of_small_molecule	PGD1654635	NA	DcbrA vs WT	1.01096	2.31E-04
PA14_23530	transport_of_small_molecule	PGD1654637	NA	DcbrA vs WT	1.960949	7.09E-13
PA14_23680	chaperones_heat_shock	PGD1654661	ibpA	DcbrA vs WT	1.963879	6.48E-07
PA14_23690	protein_secretion_export	PGD1654663	NA	DcbrA vs WT	-1.21093	1.49E-06
PA14_23760	amino_acid_biosynthesis_methionine	PGD1654673	leuD	DcbrA vs WT	1.383595	4.17E-11
PA14_23790	amino_acid_biosynthesis_methionine	PGD1654677	leuB	DcbrA vs WT	1.106726	1.64E-18
PA14_23950	putative_enzymes	PGD1654701	NA	DcbrA vs WT	-1.27877	1.54E-13
PA14_24040	protein_secretion_export	PGD1654713	xcpU	DcbrA vs WT	-1.80549	4.91E-17
PA14_24050	protein_secretion_export	PGD1654715	xcpV	DcbrA vs WT	-2.29621	2.57E-25
PA14_24060	protein_secretion_export	PGD1654717	xcpW	DcbrA vs WT	-1.27839	7.38E-10
PA14_24080	protein_secretion_export	PGD1654721	xcpY	DcbrA vs WT	-1.72887	1.61E-22
PA14_24100	protein_secretion_export	PGD1654723	xcpZ	DcbrA vs WT	-3.17196	1.23E-20
PA14_24210	hypothetical_unclassified	PGD1654741	NA	DcbrA vs WT	-1.93107	1.65E-23

PA14_24245	hypothetical_unclassified	PGD1654749	NA	DcbrA vs WT	1.040875	4.28E-09
PA14_24310	putative_enzymes	PGD1654759	NA	DcbrA vs WT	1.020729	2.60E-08
PA14_24350	transcriptional_regulators	PGD1654765	NA	DcbrA vs WT	-1.67705	1.43E-06
PA14_24350	two_component_regulators	PGD1654765	NA	DcbrA vs WT	-1.67705	1.43E-06
PA14_24390	putative_enzymes	PGD1654773	NA	DcbrA vs WT	-1.00962	6.90E-06
PA14_24480	cell_wall_LPS	PGD1654787	pelA	DcbrA vs WT	1.843875	6.82E-45
PA14_24510	cell_wall_LPS	PGD1654793	pelD	DcbrA vs WT	1.67971	6.63E-13
PA14_24530	cell_wall_LPS	PGD1654795	pelE	DcbrA vs WT	1.25563	1.28E-04
PA14_24550	cell_wall_LPS	PGD1654797	pelF	DcbrA vs WT	2.570119	8.13E-26
PA14_24560	cell_wall_LPS	PGD1654799	pelG	DcbrA vs WT	2.68292	1.09E-47
PA14_24560	secreted_factors	PGD1654799	pelG	DcbrA vs WT	2.68292	1.09E-47
PA14_24590	hypothetical_unclassified	PGD1654805	NA	DcbrA vs WT	1.177106	1.35E-07
PA14_24630	hypothetical_unclassified	PGD1654813	NA	DcbrA vs WT	-1.45973	1.14E-11
PA14_24650	translation_posttranslational	PGD1654817	rmf	DcbrA vs WT	1.371118	1.12E-08
PA14_24730	amino_acid_biosynthesis_mε	PGD1654831	NA	DcbrA vs WT	1.202327	1.15E-17
PA14_24760	membrane_proteins	PGD1654835	NA	DcbrA vs WT	1.012461	3.34E-06
PA14_24790	transport_of_small_molecule	PGD1654841	NA	DcbrA vs WT	1.216021	1.52E-10
NA	NA	PGD1654856	NA	DcbrA vs WT	1.203749	3.34E-05
PA14_24880	fatty_acid_and_phospholipid	PGD1654857	NA	DcbrA vs WT	1.427409	4.60E-11
PA14_24890	biosynthesis_of_cofactors	PGD1654859	mobA	DcbrA vs WT	-1.05022	7.72E-07
PA14_24950	carbon_compound_catabolis	PGD1654869	NA	DcbrA vs WT	-1.81896	1.76E-07
PA14_24950	energy_metabolism_CAP	PGD1654869	NA	DcbrA vs WT	-1.81896	1.76E-07
PA14_25040	adaptation_and_protection	PGD1654885	NA	DcbrA vs WT	-1.1007	3.49E-14
PA14_25100	hypothetical_unclassified	PGD1654895	NA	DcbrA vs WT	1.037767	1.13E-07
PA14_25480	membrane_proteins	PGD1654953	NA	DcbrA vs WT	-1.3624	3.85E-07
PA14_25520	hypothetical_unclassified	PGD1654961	NA	DcbrA vs WT	1.135585	3.50E-04
PA14_25710	biosynthesis_of_cofactors	PGD1654993	pabC	DcbrA vs WT	-1.63498	3.85E-17
PA14_25740	nucleotide_biosynthesis_and	PGD1654997	tmk	DcbrA vs WT	-1.15143	1.55E-05
PA14_25930	biosynthesis_of_cofactors	PGD1655027	NA	DcbrA vs WT	-2.06267	5.43E-04
PA14_25970	biosynthesis_of_cofactors	PGD1655033	cobN	DcbrA vs WT	-1.03854	8.35E-06
PA14_25980	amino_acid_biosynthesis_mε	PGD1655035	aroF	DcbrA vs WT	-1.51169	6.67E-04
PA14_26000	biosynthesis_of_cofactors	PGD1655039	NA	DcbrA vs WT	-2.17861	8.02E-09
PA14_26020	secreted_factors	PGD1655043	NA	DcbrA vs WT	-1.10365	1.69E-05
PA14_26140	transcriptional_regulators	PGD1655059	NA	DcbrA vs WT	-1.23223	0.001207
PA14_26165	hypothetical_unclassified	PGD1655065	NA	DcbrA vs WT	1.101069	1.86E-11
PA14_26200	hypothetical_unclassified	PGD1655069	NA	DcbrA vs WT	-4.01404	2.09E-06
PA14_26300	hypothetical_unclassified	PGD1655085	NA	DcbrA vs WT	-1.85762	0.004214
PA14_26330	transcriptional_regulators	PGD1655089	NA	DcbrA vs WT	1.700814	1.37E-14
PA14_26340	membrane_proteins	PGD1655091	NA	DcbrA vs WT	1.676691	0.015514
PA14_26350	putative_enzymes	PGD1655093	NA	DcbrA vs WT	-1.18209	7.40E-09
PA14_26360	membrane_proteins	PGD1655095	NA	DcbrA vs WT	-1.4465	0.044067
PA14_26400	transport_of_small_molecule	PGD1655099	NA	DcbrA vs WT	-2.25979	0.025622
PA14_26460	biosynthesis_of_cofactors	PGD1655105	cobK	DcbrA vs WT	-1.59187	2.09E-04
PA14_26470	biosynthesis_of_cofactors	PGD1655107	cbiD	DcbrA vs WT	-1.57869	3.25E-11
PA14_26530	biosynthesis_of_cofactors	PGD1655117	cobJ	DcbrA vs WT	-1.51543	6.58E-06
PA14_26600	transcriptional_regulators	PGD1655131	sbri	DcbrA vs WT	1.166477	2.16E-16
PA14_26650	putative_enzymes	PGD1655139	NA	DcbrA vs WT	-1.50671	2.99E-04
PA14_26670	fatty_acid_and_phospholipid	PGD1655141	NA	DcbrA vs WT	-1.54553	5.30E-10
PA14_26720	fatty_acid_and_phospholipid	PGD1655147	NA	DcbrA vs WT	-1.1045	3.43E-06
PA14_26720	putative_enzymes	PGD1655147	NA	DcbrA vs WT	-1.1045	3.43E-06

PA14_26730	putative_enzymes	PGD1655149	NA	DcbrA vs WT	-1.3223	3.66E-04
PA14_26770	membrane_proteins	PGD1655155	NA	DcbrA vs WT	1.626057	1.01E-32
PA14_26770	putative_enzymes	PGD1655155	NA	DcbrA vs WT	1.626057	1.01E-32
PA14_26780	hypothetical_unclassified	PGD1655157	NA	DcbrA vs WT	2.324316	8.36E-25
PA14_26860	transcriptional_regulators	PGD1655165	NA	DcbrA vs WT	-1.17421	1.84E-07
PA14_26940	hypothetical_unclassified	PGD1655179	NA	DcbrA vs WT	-2.52615	1.29E-14
PA14_26970	two_component_regulators	PGD1655183	NA	DcbrA vs WT	-1.658	1.18E-26
PA14_27000	adaptation_and_protection	PGD1655189	NA	DcbrA vs WT	-1.10447	2.77E-10
PA14_27000	chemotaxis	PGD1655189	NA	DcbrA vs WT	-1.10447	2.77E-10
PA14_27090	protein_secretion_export	PGD1655197	lipH	DcbrA vs WT	-1.32805	0.044067
PA14_27090	secreted_factors	PGD1655197	lipH	DcbrA vs WT	-1.32805	0.044067
PA14_27220	adaptation_and_protection	PGD1655223	ohr	DcbrA vs WT	-2.3318	9.87E-23
PA14_27270	membrane_proteins	PGD1655229	NA	DcbrA vs WT	-1.52933	1.08E-08
PA14_27630	hypothetical_unclassified	PGD1655291	NA	DcbrA vs WT	1.834979	1.11E-14
PA14_27640	hypothetical_unclassified	PGD1655293	NA	DcbrA vs WT	1.82404	5.32E-17
PA14_27675	hypothetical_unclassified	PGD1655299	NA	DcbrA vs WT	1.648375	6.60E-27
PA14_27680	hypothetical_unclassified	PGD1655301	NA	DcbrA vs WT	2.22258	8.67E-28
PA14_27710	hypothetical_unclassified	PGD1655307	NA	DcbrA vs WT	1.020079	4.58E-06
PA14_27720	hypothetical_unclassified	PGD1655309	NA	DcbrA vs WT	-1.10805	3.11E-08
PA14_27800	two_component_regulators	PGD1655321	NA	DcbrA vs WT	-1.09442	7.50E-08
PA14_27870	hypothetical_unclassified	PGD1655331	NA	DcbrA vs WT	1.826002	2.62E-24
PA14_27930	hypothetical_unclassified	PGD1655343	NA	DcbrA vs WT	-1.36711	5.73E-13
PA14_27940	transcriptional_regulators	PGD1655345	NA	DcbrA vs WT	1.281733	1.22E-16
PA14_27940	two_component_regulators	PGD1655345	NA	DcbrA vs WT	1.281733	1.22E-16
PA14_27950	two_component_regulators	PGD1655347	NA	DcbrA vs WT	1.023923	9.81E-06
PA14_28050	adaptation_and_protection	PGD1655365	NA	DcbrA vs WT	-2.05463	6.68E-24
PA14_28050	chemotaxis	PGD1655365	NA	DcbrA vs WT	-2.05463	6.68E-24
PA14_28070	hypothetical_unclassified	PGD1655369	NA	DcbrA vs WT	-1.2161	0.001163
PA14_28130	transcriptional_regulators	PGD1655381	NA	DcbrA vs WT	1.649475	7.72E-17
PA14_28150	hypothetical_unclassified	PGD1655385	NA	DcbrA vs WT	-1.42625	9.44E-10
PA14_28170	transport_of_small_molecule	PGD1655387	NA	DcbrA vs WT	1.730959	2.09E-28
PA14_28210	membrane_proteins	PGD1655395	NA	DcbrA vs WT	-1.1537	2.34E-05
PA14_28220	membrane_proteins	PGD1655397	NA	DcbrA vs WT	2.055743	5.43E-27
PA14_28230	hypothetical_unclassified	PGD1655399	NA	DcbrA vs WT	-1.71129	1.58E-09
PA14_28350	hypothetical_unclassified	PGD1655421	NA	DcbrA vs WT	1.06349	7.44E-10
PA14_28360	hypothetical_unclassified	PGD1655423	NA	DcbrA vs WT	1.013855	0.013487
PA14_28390	membrane_proteins	PGD1655429	NA	DcbrA vs WT	-1.64288	0.002874
PA14_28460	hypothetical_unclassified	PGD1655443	NA	DcbrA vs WT	-1.1235	1.01E-10
PA14_28500	hypothetical_unclassified	PGD1655449	NA	DcbrA vs WT	-1.63364	6.21E-08
PA14_28520	hypothetical_unclassified	PGD1655453	NA	DcbrA vs WT	1.293835	9.34E-08
PA14_28530	membrane_proteins	PGD1655455	NA	DcbrA vs WT	2.43987	8.31E-70
PA14_28560	hypothetical_unclassified	PGD1655459	NA	DcbrA vs WT	-2.39377	2.48E-05
PA14_28610	hypothetical_unclassified	PGD1655469	NA	DcbrA vs WT	-1.71587	6.48E-09
PA14_28750	DNA_replication_recombinat	PGD1655493	NA	DcbrA vs WT	1.741006	3.77E-09
PA14_28880	hypothetical_unclassified	PGD1655517	NA	DcbrA vs WT	-1.01668	0.007775
PA14_28930	hypothetical_unclassified	PGD1655525	NA	DcbrA vs WT	-1.99928	1.51E-04
PA14_28980	membrane_proteins	PGD1655535	NA	DcbrA vs WT	-2.62589	3.61E-05
PA14_28980	transcriptional_regulators	PGD1655535	NA	DcbrA vs WT	-2.62589	3.61E-05
PA14_29120	hypothetical_unclassified	PGD1655561	NA	DcbrA vs WT	1.59576	8.12E-22
PA14_29160	hypothetical_unclassified	PGD1655567	NA	DcbrA vs WT	1.395767	9.38E-21

PA14_29190	adaptation_and_protection	PGD1655571	NA	DcbrA vs WT	-1.36696	0.002179
PA14_29230	putative_enzymes	PGD1655579	NA	DcbrA vs WT	-1.56016	6.45E-10
PA14_29250	membrane_proteins	PGD1655583	NA	DcbrA vs WT	-1.37012	0.030848
PA14_29320	putative_enzymes	PGD1655595	NA	DcbrA vs WT	-1.70701	4.27E-06
PA14_29400	cell_wall_LPS	PGD1655608	NA	DcbrA vs WT	-1.51326	4.14E-22
PA14_29440	transcriptional_regulators	PGD1655614	NA	DcbrA vs WT	-1.21044	3.08E-04
PA14_29460	energy_metabolism_CAP	PGD1655616	NA	DcbrA vs WT	-1.29745	2.31E-04
PA14_29470	hypothetical_unclassified	PGD1655618	NA	DcbrA vs WT	1.274461	3.83E-12
PA14_29480	transport_of_small_molecule	PGD1655620	NA	DcbrA vs WT	1.199018	1.55E-04
PA14_29490	protein_secretion_export	PGD1655622	NA	DcbrA vs WT	1.377044	9.76E-07
PA14_29550	hypothetical_unclassified	PGD1655634	NA	DcbrA vs WT	1.596867	3.52E-09
PA14_29560	hypothetical_unclassified	PGD1655636	NA	DcbrA vs WT	1.047078	0.001308
PA14_29650	hypothetical_unclassified	PGD1655650	NA	DcbrA vs WT	-1.51995	0.003258
PA14_29660	membrane_proteins	PGD1655652	NA	DcbrA vs WT	-1.26643	0.007486
PA14_29750	hypothetical_unclassified	PGD1655666	NA	DcbrA vs WT	-1.11209	0.001259
PA14_29820	transport_of_small_molecule	PGD1655674	NA	DcbrA vs WT	1.43067	1.99E-42
PA14_29850	antibiotic_resistance_and_su	PGD1655678	nuoN	DcbrA vs WT	1.458852	2.16E-15
PA14_29850	energy_metabolism_CAP	PGD1655678	nuoN	DcbrA vs WT	1.458852	2.16E-15
PA14_29860	energy_metabolism_CAP	PGD1655680	nuoM	DcbrA vs WT	1.504978	4.06E-12
PA14_29920	energy_metabolism_CAP	PGD1655688	nuoI	DcbrA vs WT	1.904198	5.07E-11
PA14_29930	energy_metabolism_CAP	PGD1655690	nuoH	DcbrA vs WT	1.438792	2.15E-15
PA14_29980	energy_metabolism_CAP	PGD1655696	nuoE	DcbrA vs WT	1.265325	1.84E-19
PA14_29990	energy_metabolism_CAP	PGD1655698	nuoD	DcbrA vs WT	1.285928	1.05E-10
PA14_30010	energy_metabolism_CAP	PGD1655700	nuoB	DcbrA vs WT	1.71385	1.57E-32
PA14_30020	energy_metabolism_CAP	PGD1655702	nuoA	DcbrA vs WT	1.509903	1.97E-12
PA14_30080	hypothetical_unclassified	PGD1655712	NA	DcbrA vs WT	-1.64373	1.44E-15
PA14_30200	adaptation_and_protection	PGD1655732	cspD	DcbrA vs WT	1.086771	5.60E-08
PA14_30200	transcriptional_regulators	PGD1655732	cspD	DcbrA vs WT	1.086771	5.60E-08
PA14_30390	energy_metabolism_CAP	PGD1655764	NA	DcbrA vs WT	-2.25929	6.06E-13
PA14_30400	energy_metabolism_CAP	PGD1655766	NA	DcbrA vs WT	-2.4794	1.81E-18
PA14_30430	transport_of_small_molecule	PGD1655772	NA	DcbrA vs WT	-1.07007	7.63E-04
PA14_30500	putative_enzymes	PGD1655784	NA	DcbrA vs WT	-1.03823	0.049899
PA14_30650	transcriptional_regulators	PGD1655806	gacA	DcbrA vs WT	1.115159	2.46E-19
PA14_30690	hypothetical_unclassified	PGD1655814	NA	DcbrA vs WT	1.056109	6.70E-08
PA14_30970	transcriptional_regulators	PGD1655866	NA	DcbrA vs WT	1.981102	1.28E-06
PA14_31010	protein_secretion_export	PGD1655874	NA	DcbrA vs WT	1.380683	4.86E-13
PA14_31090	hypothetical_unclassified	PGD1655888	NA	DcbrA vs WT	-3.25669	0.012549
PA14_31170	hypothetical_unclassified	PGD1655900	NA	DcbrA vs WT	-2.58192	8.28E-05
PA14_31190	hypothetical_unclassified	PGD1655904	NA	DcbrA vs WT	-1.23386	0.041489
PA14_31220	hypothetical_unclassified	PGD1655908	NA	DcbrA vs WT	1.032035	0.005263
PA14_31230	hypothetical_unclassified	PGD1655910	NA	DcbrA vs WT	-1.24123	0.014005
PA14_31240	transport_of_small_molecule	PGD1655912	NA	DcbrA vs WT	1.089281	5.16E-10
PA14_31300	hypothetical_unclassified	PGD1655924	NA	DcbrA vs WT	1.048656	1.90E-05
PA14_31350	energy_metabolism_CAP	PGD1655932	NA	DcbrA vs WT	1.239093	2.89E-12
PA14_31380	transport_of_small_molecule	PGD1655938	NA	DcbrA vs WT	1.653281	8.72E-10
PA14_31480	transcriptional_regulators	PGD1655956	NA	DcbrA vs WT	-1.09533	1.55E-08
PA14_31510	biosynthesis_of_cofactors	PGD1655960	NA	DcbrA vs WT	-2.75927	1.82E-26
PA14_31530	fatty_acid_and_phospholipid	PGD1655962	NA	DcbrA vs WT	-2.82507	4.20E-29
PA14_31530	putative_enzymes	PGD1655962	NA	DcbrA vs WT	-2.82507	4.20E-29
PA14_31540	energy_metabolism_CAP	PGD1655964	NA	DcbrA vs WT	-2.29939	4.96E-25

PA14_31680	cell_wall_LPS	PGD1655982	NA	DcbrA vs WT	1.206252	2.62E-15
PA14_31720	fatty_acid_and_phospholipid	PGD1655988	NA	DcbrA vs WT	-1.06862	1.04E-08
PA14_31730	putative_enzymes	PGD1655990	NA	DcbrA vs WT	-1.30418	1.97E-05
PA14_31870	antibiotic_resistance_and_su	PGD1656012	NA	DcbrA vs WT	1.098981	5.03E-10
PA14_31870	transport_of_small_molecul	PGD1656012	NA	DcbrA vs WT	1.098981	5.03E-10
PA14_31990	transport_of_small_molecul	PGD1656028	czcB	DcbrA vs WT	-1.49874	0.026111
PA14_32080	carbon_compound_catabolis	PGD1656034	xylX	DcbrA vs WT	1.455795	0.003148
PA14_32110	energy_metabolism_CAP	PGD1656038	xylZ	DcbrA vs WT	-1.90517	0.021637
PA14_32140	energy_metabolism_CAP	PGD1656042	antC	DcbrA vs WT	1.1351	0.02638
PA14_32150	biosynthesis_of_cofactors	PGD1656044	antB	DcbrA vs WT	1.992093	5.59E-04
PA14_32160	carbon_compound_catabolis	PGD1656046	antA	DcbrA vs WT	2.039486	3.66E-10
PA14_32230	carbon_compound_catabolis	PGD1656054	catC	DcbrA vs WT	1.254169	1.40E-04
PA14_32280	hypothetical_unclassified	PGD1656062	NA	DcbrA vs WT	-1.16155	5.73E-09
PA14_32350	hypothetical_unclassified	PGD1656074	NA	DcbrA vs WT	-2.191	0.004504
PA14_32400	antibiotic_resistance_and_su	PGD1656084	mexE	DcbrA vs WT	1.169779	0.004473
PA14_32400	transport_of_small_molecul	PGD1656084	mexE	DcbrA vs WT	1.169779	0.004473
PA14_32440	hypothetical_unclassified	PGD1656090	NA	DcbrA vs WT	1.433879	4.97E-08
PA14_32460	transcriptional_regulators	PGD1656094	NA	DcbrA vs WT	-1.05925	0.034525
PA14_32480	hypothetical_unclassified	PGD1656098	NA	DcbrA vs WT	1.24151	1.03E-05
PA14_32490	hypothetical_unclassified	PGD1656100	NA	DcbrA vs WT	2.288203	1.05E-21
PA14_32570	two_component_regulators	PGD1656110	NA	DcbrA vs WT	-1.98072	1.93E-11
PA14_32590	chaperones_heat_shock	PGD1656114	NA	DcbrA vs WT	-1.77773	4.83E-13
PA14_32590	membrane_proteins	PGD1656114	NA	DcbrA vs WT	-1.77773	4.83E-13
PA14_32590	putative_enzymes	PGD1656114	NA	DcbrA vs WT	-1.77773	4.83E-13
PA14_32600	chaperones_heat_shock	PGD1656116	NA	DcbrA vs WT	-1.15114	2.04E-04
PA14_32600	membrane_proteins	PGD1656116	NA	DcbrA vs WT	-1.15114	2.04E-04
PA14_32600	putative_enzymes	PGD1656116	NA	DcbrA vs WT	-1.15114	2.04E-04
PA14_32690	carbon_compound_catabolis	PGD1656130	gtdA	DcbrA vs WT	-1.49017	0.011556
PA14_32890	hypothetical_unclassified	PGD1656162	NA	DcbrA vs WT	1.053536	3.36E-05
PA14_32930	hypothetical_unclassified	PGD1656166	NA	DcbrA vs WT	-1.62053	2.61E-15
PA14_33030	amino_acid_biosynthesis_m	PGD1656180	sdaA	DcbrA vs WT	-1.43502	1.41E-15
PA14_33040	amino_acid_biosynthesis_m	PGD1656182	gcvT2	DcbrA vs WT	-1.31228	1.94E-11
PA14_33040	central_intermediary_metab	PGD1656182	gcvT2	DcbrA vs WT	-1.31228	1.94E-11
PA14_33050	hypothetical_unclassified	PGD1656184	NA	DcbrA vs WT	1.845437	4.42E-21
PA14_33060	hypothetical_unclassified	PGD1656186	NA	DcbrA vs WT	1.366413	2.88E-06
PA14_33070	membrane_proteins	PGD1656188	NA	DcbrA vs WT	-1.39898	1.44E-05
PA14_33110	membrane_proteins	PGD1656192	NA	DcbrA vs WT	-1.35182	0.002918
PA14_33160	hypothetical_unclassified	PGD1656200	NA	DcbrA vs WT	1.756397	3.01E-16
PA14_33190	hypothetical_unclassified	PGD1656204	NA	DcbrA vs WT	-1.21106	6.31E-07
PA14_33250	hypothetical_unclassified	PGD1656214	NA	DcbrA vs WT	-1.53383	1.83E-06
PA14_33270	adaptation_and_protection	PGD1656218	pvdG	DcbrA vs WT	-2.14172	6.55E-16
PA14_33280	adaptation_and_protection	PGD1656220	pvdL	DcbrA vs WT	-2.04891	4.13E-13
PA14_33310	hypothetical_unclassified	PGD1656226	NA	DcbrA vs WT	-1.12194	5.64E-07
PA14_33420	putative_enzymes	PGD1656244	NA	DcbrA vs WT	1.744176	3.44E-05
PA14_33430	DNA_replication_recombinat	PGD1656246	NA	DcbrA vs WT	1.948451	2.58E-10
PA14_33460	membrane_proteins	PGD1656252	NA	DcbrA vs WT	1.511608	7.39E-10
PA14_33500	adaptation_and_protection	PGD1656256	pvdH	DcbrA vs WT	-1.20198	4.69E-04
PA14_33500	transport_of_small_molecul	PGD1656256	pvdH	DcbrA vs WT	-1.20198	4.69E-04
PA14_33510	antibiotic_resistance_and_su	PGD1656258	NA	DcbrA vs WT	-1.11969	2.73E-04
PA14_33520	adaptation_and_protection	PGD1656260	NA	DcbrA vs WT	-1.55537	3.30E-08

PA14_33520	biosynthesis_of_cofactors	PGD1656260	NA	DcbrA vs WT	-1.55537	3.30E-08
PA14_33520	putative_enzymes	PGD1656260	NA	DcbrA vs WT	-1.55537	3.30E-08
PA14_33540	membrane_proteins	PGD1656264	NA	DcbrA vs WT	-1.79273	1.80E-16
PA14_33540	transport_of_small_molecule	PGD1656264	NA	DcbrA vs WT	-1.79273	1.80E-16
PA14_33550	transport_of_small_molecule	PGD1656266	NA	DcbrA vs WT	-3.31572	2.00E-28
PA14_33560	motility_and_attachment	PGD1656268	NA	DcbrA vs WT	-1.16753	1.62E-07
PA14_33570	hypothetical_unclassified	PGD1656270	NA	DcbrA vs WT	-1.99168	1.36E-08
PA14_33580	hypothetical_unclassified	PGD1656272	NA	DcbrA vs WT	-1.76031	1.70E-07
PA14_33690	adaptation_and_protection	PGD1656286	pvdE	DcbrA vs WT	-1.13945	4.13E-04
PA14_33690	membrane_proteins	PGD1656286	pvdE	DcbrA vs WT	-1.13945	4.13E-04
PA14_33690	transport_of_small_molecule	PGD1656286	pvdE	DcbrA vs WT	-1.13945	4.13E-04
PA14_33710	adaptation_and_protection	PGD1656290	pvdO	DcbrA vs WT	-2.38384	1.76E-10
PA14_33720	adaptation_and_protection	PGD1656292	pvdN	DcbrA vs WT	-1.97732	5.80E-09
PA14_33720	transport_of_small_molecule	PGD1656292	pvdN	DcbrA vs WT	-1.97732	5.80E-09
PA14_33730	central_intermediary_metab	PGD1656294	NA	DcbrA vs WT	-1.12657	0.001091
PA14_33740	adaptation_and_protection	PGD1656296	pvdP	DcbrA vs WT	-1.31114	4.01E-05
PA14_33750	transport_of_small_molecule	PGD1656298	NA	DcbrA vs WT	-2.25159	3.39E-11
PA14_33760	membrane_proteins	PGD1656300	NA	DcbrA vs WT	-2.19799	5.28E-15
PA14_33760	transport_of_small_molecule	PGD1656300	NA	DcbrA vs WT	-2.19799	5.28E-15
PA14_33770	protein_secretion_export	PGD1656302	NA	DcbrA vs WT	-1.69505	1.25E-09
PA14_33810	biosynthesis_of_cofactors	PGD1656308	pvdA	DcbrA vs WT	-1.30083	3.09E-05
PA14_33820	adaptation_and_protection	PGD1656310	pvdQ	DcbrA vs WT	-2.07808	3.62E-11
PA14_33820	antibiotic_resistance_and_su	PGD1656310	pvdQ	DcbrA vs WT	-2.07808	3.62E-11
PA14_33840	transcriptional_regulators	PGD1656314	NA	DcbrA vs WT	-1.32962	5.98E-08
PA14_33870	hypothetical_unclassified	PGD1656318	NA	DcbrA vs WT	-1.56997	4.46E-20
PA14_33920	transcriptional_regulators	PGD1656328	NA	DcbrA vs WT	-1.53311	1.50E-05
PA14_33930	membrane_proteins	PGD1656330	NA	DcbrA vs WT	-1.29799	2.95E-07
PA14_33990	translation_posttranslational	PGD1656340	clpV3	DcbrA vs WT	-1.3244	5.06E-11
PA14_34000	hypothetical_unclassified	PGD1656342	hsiH3	DcbrA vs WT	-2.22315	5.43E-11
PA14_34010	membrane_proteins	PGD1656344	hsiG3	DcbrA vs WT	-1.91562	2.10E-13
PA14_34020	hypothetical_unclassified	PGD1656346	hsiF3	DcbrA vs WT	-2.73947	1.66E-11
PA14_34050	hypothetical_unclassified	PGD1656350	hsiC3	DcbrA vs WT	-1.64834	3.36E-14
PA14_34110	hypothetical_unclassified	PGD1656358	dotU3	DcbrA vs WT	-1.63696	8.99E-19
PA14_34130	hypothetical_unclassified	PGD1656360	icmF3	DcbrA vs WT	-1.75696	7.17E-27
PA14_34140	hypothetical_unclassified	PGD1656362	hsiA3	DcbrA vs WT	-1.15621	1.68E-14
PA14_34170	hypothetical_unclassified	PGD1656366	NA	DcbrA vs WT	-1.35552	0.001822
PA14_34180	carbon_compound_catabolis	PGD1656368	msuE	DcbrA vs WT	-2.34692	0.044104
PA14_34180	central_intermediary_metab	PGD1656368	msuE	DcbrA vs WT	-2.34692	0.044104
PA14_34300	putative_enzymes	PGD1656388	NA	DcbrA vs WT	-2.15675	0.007676
PA14_34340	carbon_compound_catabolis	PGD1656394	mtIZ	DcbrA vs WT	-2.10125	0.002737
PA14_34350	carbon_compound_catabolis	PGD1656396	mtIY	DcbrA vs WT	-3.53393	0.003712
PA14_34360	carbon_compound_catabolis	PGD1656398	mtID	DcbrA vs WT	-2.28014	6.05E-04
PA14_34390	transport_of_small_molecule	PGD1656402	NA	DcbrA vs WT	-1.50142	0.00703
PA14_34410	transport_of_small_molecule	PGD1656404	NA	DcbrA vs WT	-1.93562	6.85E-06
PA14_34420	transport_of_small_molecule	PGD1656406	NA	DcbrA vs WT	-1.53278	5.50E-07
PA14_34440	transcriptional_regulators	PGD1656408	mtIR	DcbrA vs WT	1.052366	1.26E-07
PA14_34460	adaptation_and_protection	PGD1656412	NA	DcbrA vs WT	-1.05986	2.49E-08
PA14_34490	fatty_acid_and_phospholipid	PGD1656414	NA	DcbrA vs WT	-2.90986	4.00E-21
PA14_34500	transport_of_small_molecule	PGD1656416	NA	DcbrA vs WT	-2.3489	1.58E-15
PA14_34510	transport_of_small_molecule	PGD1656418	NA	DcbrA vs WT	-1.71599	1.22E-16



PA14_34520	transport_of_small_molecule	PGD1656420	NA	DcbrA vs WT	-1.27014	2.83E-10
PA14_34540	putative_enzymes	PGD1656422	NA	DcbrA vs WT	-1.17323	4.01E-07
PA14_34640	carbon_compound_catabolism	PGD1656434	NA	DcbrA vs WT	1.849141	2.31E-17
PA14_34640	energy_metabolism_CAP	PGD1656434	NA	DcbrA vs WT	1.849141	2.31E-17
PA14_34710	transport_of_small_molecule	PGD1656446	NA	DcbrA vs WT	-1.87017	0.0165
PA14_34730	transcriptional_regulators	PGD1656450	NA	DcbrA vs WT	-1.13102	0.037363
PA14_34740	hypothetical_unclassified	PGD1656452	NA	DcbrA vs WT	-1.70952	0.005529
PA14_34780	transport_of_small_molecule	PGD1656458	NA	DcbrA vs WT	-4.16974	4.60E-04
PA14_34790	membrane_proteins	PGD1656460	NA	DcbrA vs WT	1.075988	0.007619
PA14_34790	transport_of_small_molecule	PGD1656460	NA	DcbrA vs WT	1.075988	0.007619
PA14_34810	fatty_acid_and_phospholipid	PGD1656464	NA	DcbrA vs WT	-1.43742	5.27E-14
PA14_34810	putative_enzymes	PGD1656464	NA	DcbrA vs WT	-1.43742	5.27E-14
PA14_34810	secreted_factors	PGD1656464	NA	DcbrA vs WT	-1.43742	5.27E-14
PA14_34820	transcriptional_regulators	PGD1656466	NA	DcbrA vs WT	-1.06947	1.97E-08
PA14_34970	carbon_compound_catabolism	PGD1656488	gcd	DcbrA vs WT	-1.40364	5.53E-19
PA14_35000	hypothetical_unclassified	PGD1656492	NA	DcbrA vs WT	-1.56477	1.18E-09
PA14_35160	hypothetical_unclassified	PGD1656520	NA	DcbrA vs WT	-1.25675	1.22E-05
PA14_35200	putative_enzymes	PGD1656526	NA	DcbrA vs WT	-1.45631	7.60E-05
PA14_35320	energy_metabolism_CAP	PGD1656542	NA	DcbrA vs WT	-1.30871	0.009798
PA14_35330	membrane_proteins	PGD1656544	NA	DcbrA vs WT	1.384915	6.91E-05
PA14_35330	transport_of_small_molecule	PGD1656544	NA	DcbrA vs WT	1.384915	6.91E-05
PA14_35360	carbon_compound_catabolism	PGD1656548	NA	DcbrA vs WT	-2.90519	1.51E-04
PA14_35390	amino_acid_biosynthesis_mechanism	PGD1656554	pvcD	DcbrA vs WT	-1.87276	0.004616
PA14_35390	secreted_factors	PGD1656554	pvcD	DcbrA vs WT	-1.87276	0.004616
PA14_35440	amino_acid_biosynthesis_mechanism	PGD1656562	ansA	DcbrA vs WT	-2.35791	6.56E-06
PA14_35490	amino_acid_biosynthesis_mechanism	PGD1656568	lpdV	DcbrA vs WT	-1.85635	1.86E-29
PA14_35490	energy_metabolism_CAP	PGD1656568	lpdV	DcbrA vs WT	-1.85635	1.86E-29
PA14_35500	amino_acid_biosynthesis_mechanism	PGD1656570	bkdB	DcbrA vs WT	-1.02013	1.00E-12
PA14_35520	amino_acid_biosynthesis_mechanism	PGD1656572	bkdA2	DcbrA vs WT	-1.32759	7.19E-16
PA14_35530	amino_acid_biosynthesis_mechanism	PGD1656574	bkdA1	DcbrA vs WT	-1.14163	4.66E-12
PA14_35550	hypothetical_unclassified	PGD1656578	pslO	DcbrA vs WT	2.654636	2.86E-25
PA14_35620	cell_wall_LPS	PGD1656586	pslK	DcbrA vs WT	-1.67853	3.62E-07
PA14_35620	membrane_proteins	PGD1656586	pslK	DcbrA vs WT	-1.67853	3.62E-07
PA14_35640	cell_wall_LPS	PGD1656590	pslI	DcbrA vs WT	-1.20065	0.002
PA14_35640	putative_enzymes	PGD1656590	pslI	DcbrA vs WT	-1.20065	0.002
PA14_35650	cell_wall_LPS	PGD1656592	pslH	DcbrA vs WT	-1.47382	1.11E-05
PA14_35680	hypothetical_unclassified	PGD1656596	pslF	DcbrA vs WT	-1.88612	7.45E-05
PA14_35700	hypothetical_unclassified	PGD1656600	NA	DcbrA vs WT	1.117818	8.21E-04
PA14_35860	transport_of_small_molecule	PGD1656632	NA	DcbrA vs WT	1.339857	3.09E-12
PA14_36070	putative_enzymes	PGD1656666	NA	DcbrA vs WT	1.09502	0.002461
PA14_36110	putative_enzymes	PGD1656674	NA	DcbrA vs WT	-2.12324	0.001081
PA14_36200	transport_of_small_molecule	PGD1656688	NA	DcbrA vs WT	-1.02249	0.004579
PA14_36220	membrane_proteins	PGD1656690	NA	DcbrA vs WT	-1.77504	0.010012
PA14_36220	transport_of_small_molecule	PGD1656690	NA	DcbrA vs WT	-1.77504	0.010012
PA14_36230	membrane_proteins	PGD1656692	NA	DcbrA vs WT	-2.00881	3.81E-04
PA14_36230	transport_of_small_molecule	PGD1656692	NA	DcbrA vs WT	-2.00881	3.81E-04
PA14_36280	antibiotic_resistance_and_susceptibility	PGD1656700	NA	DcbrA vs WT	-1.84265	0.016586
PA14_36310	central_intermediary_metabolism	PGD1656706	hcnC	DcbrA vs WT	-1.41502	1.97E-12
PA14_36320	central_intermediary_metabolism	PGD1656708	hcnB	DcbrA vs WT	-2.16646	4.34E-18
PA14_36330	central_intermediary_metabolism	PGD1656710	hcnA	DcbrA vs WT	-1.51491	2.15E-13

PA14_36350	hypothetical_unclassified	PGD1656714	NA	DcbrA vs WT	1.801311	1.16E-15
PA14_36360	membrane_proteins	PGD1656716	NA	DcbrA vs WT	2.102945	3.01E-15
PA14_36370	amino_acid_biosynthesis_mε	PGD1656718	NA	DcbrA vs WT	1.598117	1.16E-07
PA14_36375	hypothetical_unclassified	PGD1656720	NA	DcbrA vs WT	2.639712	2.35E-17
PA14_36390	translation_posttranslational	PGD1656722	NA	DcbrA vs WT	1.460709	8.26E-07
PA14_36400	hypothetical_unclassified	PGD1656724	NA	DcbrA vs WT	1.108923	0.00605
PA14_36410	hypothetical_unclassified	PGD1656726	NA	DcbrA vs WT	1.794422	2.51E-15
PA14_36460	hypothetical_unclassified	PGD1656732	NA	DcbrA vs WT	2.721705	8.36E-54
PA14_36480	hypothetical_unclassified	PGD1656736	NA	DcbrA vs WT	2.459332	4.30E-13
PA14_36500	carbon_compound_catabolis	PGD1656740	NA	DcbrA vs WT	1.786905	4.37E-13
PA14_36520	hypothetical_unclassified	PGD1656742	NA	DcbrA vs WT	2.492399	1.14E-39
PA14_36530	hypothetical_unclassified	PGD1656744	NA	DcbrA vs WT	1.036848	1.93E-06
PA14_36550	hypothetical_unclassified	PGD1656748	NA	DcbrA vs WT	2.243964	1.66E-33
PA14_36560	hypothetical_unclassified	PGD1656750	NA	DcbrA vs WT	1.293417	1.29E-06
PA14_36570	carbon_compound_catabolis	PGD1656752	glgA	DcbrA vs WT	2.11559	9.84E-30
PA14_36570	energy_metabolism_CAP	PGD1656752	glgA	DcbrA vs WT	2.11559	9.84E-30
PA14_36580	putative_enzymes	PGD1656754	NA	DcbrA vs WT	1.406895	6.25E-08
PA14_36605	putative_enzymes	PGD1656758	NA	DcbrA vs WT	2.236078	3.93E-10
PA14_36620	hypothetical_unclassified	PGD1656760	NA	DcbrA vs WT	3.196626	0.027344
PA14_36630	carbon_compound_catabolis	PGD1656762	NA	DcbrA vs WT	1.877514	1.30E-10
PA14_36630	putative_enzymes	PGD1656762	NA	DcbrA vs WT	1.877514	1.30E-10
PA14_36660	amino_acid_biosynthesis_mε	PGD1656766	NA	DcbrA vs WT	1.708172	3.76E-13
PA14_36670	hypothetical_unclassified	PGD1656768	NA	DcbrA vs WT	2.793765	1.35E-16
PA14_36680	putative_enzymes	PGD1656770	NA	DcbrA vs WT	2.350374	9.15E-11
PA14_36690	fatty_acid_and_phospholipid	PGD1656772	NA	DcbrA vs WT	2.759768	5.24E-18
PA14_36690	putative_enzymes	PGD1656772	NA	DcbrA vs WT	2.759768	5.24E-18
PA14_36700	membrane_proteins	PGD1656774	NA	DcbrA vs WT	3.405827	1.64E-24
PA14_36710	energy_metabolism_CAP	PGD1656776	glgB	DcbrA vs WT	2.56797	1.88E-09
PA14_36730	carbon_compound_catabolis	PGD1656778	NA	DcbrA vs WT	2.076491	1.29E-15
PA14_36730	putative_enzymes	PGD1656778	NA	DcbrA vs WT	2.076491	1.29E-15
PA14_36740	putative_enzymes	PGD1656780	NA	DcbrA vs WT	1.502419	1.46E-15
PA14_36760	DNA_replication_recombinat	PGD1656782	NA	DcbrA vs WT	2.224558	3.00E-18
PA14_36770	hypothetical_unclassified	PGD1656784	NA	DcbrA vs WT	1.939102	7.44E-08
PA14_36790	hypothetical_unclassified	PGD1656788	NA	DcbrA vs WT	2.570646	1.01E-25
PA14_36810	adaptation_and_protection	PGD1656790	katE	DcbrA vs WT	2.261634	2.16E-16
PA14_36820	hypothetical_unclassified	PGD1656792	NA	DcbrA vs WT	2.766719	1.21E-12
PA14_36830	hypothetical_unclassified	PGD1656794	NA	DcbrA vs WT	1.522128	1.27E-11
PA14_36840	cell_wall_LPS	PGD1656796	glgP	DcbrA vs WT	1.519761	7.06E-11
PA14_36870	central_intermediary_metab	PGD1656802	NA	DcbrA vs WT	1.432527	9.31E-10
PA14_36880	transcriptional_regulators	PGD1656804	NA	DcbrA vs WT	1.913784	1.09E-06
PA14_36900	hypothetical_unclassified	PGD1656808	NA	DcbrA vs WT	1.859942	1.53E-08
PA14_36910	DNA_replication_recombinat	PGD1656810	ligD	DcbrA vs WT	1.073593	5.14E-08
PA14_36920	two_component_regulators	PGD1656812	NA	DcbrA vs WT	1.894349	8.21E-19
PA14_36940	membrane_proteins	PGD1656816	NA	DcbrA vs WT	1.74841	9.15E-15
PA14_36980	membrane_proteins	PGD1656820	NA	DcbrA vs WT	2.350841	1.17E-24
PA14_36990	two_component_regulators	PGD1656822	NA	DcbrA vs WT	-1.23315	0.040681
PA14_37000	chaperones_heat_shock	PGD1656824	cupA5	DcbrA vs WT	-3.46092	0.020223
PA14_37080	transcriptional_regulators	PGD1656836	NA	DcbrA vs WT	-2.21174	1.68E-10
PA14_37140	transcriptional_regulators	PGD1656846	NA	DcbrA vs WT	-1.59549	3.53E-06
PA14_37170	hypothetical_unclassified	PGD1656850	NA	DcbrA vs WT	-1.215	5.63E-06

PA14_37210	hypothetical_unclassified	PGD1656856	NA	DcbrA vs WT	1.128986	4.55E-06
PA14_37250	transport_of_small_molecule	PGD1656860	NA	DcbrA vs WT	2.130451	1.07E-23
PA14_37270	putative_enzymes	PGD1656864	NA	DcbrA vs WT	-1.21113	1.94E-04
PA14_37350	hypothetical_unclassified	PGD1656874	NA	DcbrA vs WT	1.029723	0.002837
PA14_37360	central_intermediary_metab	PGD1656876	NA	DcbrA vs WT	-2.12723	1.54E-12
PA14_37370	fatty_acid_and_phospholipid	PGD1656878	NA	DcbrA vs WT	-4.42974	3.06E-08
PA14_37380	transport_of_small_molecule	PGD1656880	NA	DcbrA vs WT	-1.30259	5.80E-09
PA14_37400	transcriptional_regulators	PGD1656882	NA	DcbrA vs WT	-1.13246	0.028723
PA14_37410	hypothetical_unclassified	PGD1656884	NA	DcbrA vs WT	-1.23708	3.00E-04
PA14_37440	membrane_proteins	PGD1656890	NA	DcbrA vs WT	-1.33653	0.001347
PA14_37440	transport_of_small_molecule	PGD1656890	NA	DcbrA vs WT	-1.33653	0.001347
PA14_37460	transport_of_small_molecule	PGD1656892	NA	DcbrA vs WT	-1.28115	0.01648
PA14_37510	hypothetical_unclassified	PGD1656898	NA	DcbrA vs WT	-4.78037	3.34E-04
PA14_37530	putative_enzymes	PGD1656902	NA	DcbrA vs WT	-2.96305	2.63E-04
PA14_37560	amino_acid_biosynthesis_mε	PGD1656906	NA	DcbrA vs WT	-2.05073	4.99E-05
PA14_37590	amino_acid_biosynthesis_mε	PGD1656912	kynB	DcbrA vs WT	-1.14326	4.51E-07
PA14_37590	putative_enzymes	PGD1656912	kynB	DcbrA vs WT	-1.14326	4.51E-07
PA14_37630	transport_of_small_molecule	PGD1656916	NA	DcbrA vs WT	-1.33716	7.89E-06
PA14_37770	carbon_compound_catabolis	PGD1656938	NA	DcbrA vs WT	-1.48633	5.47E-07
PA14_37980	transport_of_small_molecule	PGD1656970	NA	DcbrA vs WT	-3.5619	5.80E-04
PA14_37990	transcriptional_regulators	PGD1656972	NA	DcbrA vs WT	-2.13326	0.005529
PA14_38020	antibiotic_resistance_and_su	PGD1656978	NA	DcbrA vs WT	-1.37728	4.92E-05
PA14_38090	translation_posttranslational	PGD1656988	NA	DcbrA vs WT	-1.1566	6.80E-07
PA14_38210	central_intermediary_metab	PGD1657006	NA	DcbrA vs WT	-1.31682	0.0088
PA14_38260	hypothetical_unclassified	PGD1657012	NA	DcbrA vs WT	-1.72402	2.98E-09
PA14_38350	central_intermediary_metab	PGD1657028	galU	DcbrA vs WT	1.591571	1.21E-53
PA14_38360	cell_wall_LPS	PGD1657030	NA	DcbrA vs WT	1.824882	2.82E-20
PA14_38360	putative_enzymes	PGD1657030	NA	DcbrA vs WT	1.824882	2.82E-20
PA14_38460	carbon_compound_catabolis	PGD1657046	gnyB	DcbrA vs WT	-1.03645	9.34E-10
PA14_38480	carbon_compound_catabolis	PGD1657050	gnyA	DcbrA vs WT	-1.34888	1.54E-13
PA14_38530	carbon_compound_catabolis	PGD1657058	fahA	DcbrA vs WT	-1.08564	1.75E-04
PA14_38550	carbon_compound_catabolis	PGD1657060	maiA	DcbrA vs WT	-1.08447	2.73E-05
PA14_38590	carbon_compound_catabolis	PGD1657068	bdhA	DcbrA vs WT	-2.59747	3.37E-36
PA14_38640	fatty_acid_and_phospholipid	PGD1657074	NA	DcbrA vs WT	1.258279	9.75E-16
PA14_38660	fatty_acid_and_phospholipid	PGD1657076	NA	DcbrA vs WT	2.149513	4.10E-52
PA14_38740	two_component_regulators	PGD1657090	NA	DcbrA vs WT	-1.75717	1.21E-14
PA14_38950	membrane_proteins	PGD1657122	NA	DcbrA vs WT	-1.27045	0.017006
PA14_39010	biosynthesis_of_cofactors	PGD1657130	pqqF	DcbrA vs WT	-1.30259	1.72E-04
PA14_39060	fatty_acid_and_phospholipid	PGD1657136	NA	DcbrA vs WT	3.140504	2.22E-10
PA14_39080	hypothetical_unclassified	PGD1657140	NA	DcbrA vs WT	-3.09314	1.03E-08
PA14_39090	hypothetical_unclassified	PGD1657142	NA	DcbrA vs WT	-1.37011	3.05E-08
PA14_39150	fatty_acid_and_phospholipid	PGD1657152	NA	DcbrA vs WT	1.446463	0.002014
PA14_39160	transcriptional_regulators	PGD1657154	NA	DcbrA vs WT	-1.56349	7.42E-07
PA14_39180	membrane_proteins	PGD1657156	NA	DcbrA vs WT	-2.41045	5.76E-09
PA14_39210	biosynthesis_of_cofactors	PGD1657162	NA	DcbrA vs WT	-1.63657	2.62E-05
PA14_39220	hypothetical_unclassified	PGD1657164	NA	DcbrA vs WT	2.375328	0.025423
PA14_39240	hypothetical_unclassified	PGD1657168	fapC	DcbrA vs WT	2.081671	1.25E-06
PA14_39280	carbon_compound_catabolis	PGD1657176	rbsK	DcbrA vs WT	-2.17286	8.31E-22
PA14_39300	carbon_compound_catabolis	PGD1657178	rbsR	DcbrA vs WT	-1.69398	9.24E-14
PA14_39330	transport_of_small_molecule	PGD1657182	rbsA	DcbrA vs WT	-2.43402	1.57E-17

PA14_39410	transport_of_small_molecule	PGD1657190	NA	DcbrA vs WT	-1.25724	4.47E-13
PA14_39420	hypothetical_unclassified	PGD1657192	NA	DcbrA vs WT	2.635797	1.90E-12
PA14_39520	energy_metabolism_CAP	PGD1657204	NA	DcbrA vs WT	1.149132	9.10E-10
PA14_39700	hypothetical_unclassified	PGD1657234	NA	DcbrA vs WT	-1.78799	4.37E-04
PA14_39710	nucleotide_biosynthesis_and	PGD1657236	NA	DcbrA vs WT	-1.38711	0.006037
PA14_39710	translation_posttranslational	PGD1657236	NA	DcbrA vs WT	-1.38711	0.006037
PA14_39780	transport_of_small_molecule	PGD1657246	NA	DcbrA vs WT	-3.02751	2.03E-31
PA14_39790	hypothetical_unclassified	PGD1657248	NA	DcbrA vs WT	-1.69296	0.002408
PA14_39800	transcriptional_regulators	PGD1657250	NA	DcbrA vs WT	1.294382	0.002622
PA14_39880	secreted_factors	PGD1657264	phzG2	DcbrA vs WT	-1.408	0.007781
PA14_39945	secreted_factors	PGD1657272	phzC2	DcbrA vs WT	-2.94435	4.33E-07
PA14_39990	fatty_acid_and_phospholipid	PGD1657280	NA	DcbrA vs WT	-1.52328	2.81E-09
PA14_40010	hypothetical_unclassified	PGD1657282	NA	DcbrA vs WT	-2.22609	8.48E-27
PA14_40020	hypothetical_unclassified	PGD1657284	NA	DcbrA vs WT	-2.21285	1.91E-25
PA14_40030	putative_enzymes	PGD1657286	NA	DcbrA vs WT	-1.18982	1.48E-07
PA14_40040	central_intermediary_metab	PGD1657288	NA	DcbrA vs WT	-2.30723	2.03E-30
PA14_40040	putative_enzymes	PGD1657288	NA	DcbrA vs WT	-2.30723	2.03E-30
PA14_40050	hypothetical_unclassified	PGD1657290	NA	DcbrA vs WT	-1.39301	9.07E-12
PA14_40060	fatty_acid_and_phospholipid	PGD1657292	NA	DcbrA vs WT	-3.85629	7.63E-16
PA14_40060	membrane_proteins	PGD1657292	NA	DcbrA vs WT	-3.85629	7.63E-16
PA14_40130	transport_of_small_molecule	PGD1657304	NA	DcbrA vs WT	-2.31377	6.15E-14
PA14_40200	putative_enzymes	PGD1657314	NA	DcbrA vs WT	-1.0575	2.09E-06
PA14_40230	protein_secretion_export	PGD1657320	NA	DcbrA vs WT	-1.08865	5.43E-07
PA14_40240	protein_secretion_export	PGD1657322	NA	DcbrA vs WT	-1.92081	4.55E-15
PA14_40250	membrane_proteins	PGD1657324	NA	DcbrA vs WT	-1.82296	9.19E-21
PA14_40260	hypothetical_unclassified	PGD1657326	NA	DcbrA vs WT	-2.49133	1.35E-27
PA14_40290	secreted_factors	PGD1657332	lasA	DcbrA vs WT	-1.49923	1.80E-14
PA14_40290	translation_posttranslational	PGD1657332	lasA	DcbrA vs WT	-1.49923	1.80E-14
PA14_40340	hypothetical_unclassified	PGD1657342	NA	DcbrA vs WT	-1.55093	1.46E-08
PA14_40380	transcriptional_regulators	PGD1657348	NA	DcbrA vs WT	-1.51336	0.004739
PA14_40450	antibiotic_resistance_and_su	PGD1657360	str	DcbrA vs WT	-1.20648	1.04E-05
PA14_40520	hypothetical_unclassified	PGD1657368	NA	DcbrA vs WT	-4.22444	0.002307
PA14_40660	secreted_factors	PGD1657390	NA	DcbrA vs WT	-2.13528	9.07E-08
PA14_40780	hypothetical_unclassified	PGD1657408	NA	DcbrA vs WT	-2.48809	8.92E-30
PA14_40800	fatty_acid_and_phospholipid	PGD1657412	NA	DcbrA vs WT	1.135438	2.89E-06
PA14_40940	membrane_proteins	PGD1657434	NA	DcbrA vs WT	-1.23451	2.64E-05
PA14_40980	fatty_acid_and_phospholipid	PGD1657440	NA	DcbrA vs WT	1.041526	7.28E-13
PA14_40980	putative_enzymes	PGD1657440	NA	DcbrA vs WT	1.041526	7.28E-13
PA14_41110	transport_of_small_molecule	PGD1657460	nppA1	DcbrA vs WT	1.042974	2.55E-12
PA14_41130	transport_of_small_molecule	PGD1657462	nppA2	DcbrA vs WT	1.36789	1.90E-28
PA14_41150	transport_of_small_molecule	PGD1657466	nppC	DcbrA vs WT	1.003431	1.49E-04
PA14_41230	cell_wall_LPS	PGD1657480	clpX	DcbrA vs WT	1.048155	2.76E-07
PA14_41230	chaperones_heat_shock	PGD1657480	clpX	DcbrA vs WT	1.048155	2.76E-07
PA14_41240	antibiotic_resistance_and_su	PGD1657482	clpP	DcbrA vs WT	1.252751	2.01E-22
PA14_41240	cell_wall_LPS	PGD1657482	clpP	DcbrA vs WT	1.252751	2.01E-22
PA14_41240	chaperones_heat_shock	PGD1657482	clpP	DcbrA vs WT	1.252751	2.01E-22
PA14_41240	motility_and_attachment	PGD1657482	clpP	DcbrA vs WT	1.252751	2.01E-22
PA14_41520	adaptation_and_protection	PGD1657530	NA	DcbrA vs WT	-1.30363	0.004431
PA14_41575	transcriptional_regulators	PGD1657542	sigX	DcbrA vs WT	1.147772	1.70E-11
PA14_41650	fatty_acid_and_phospholipid	PGD1657552	NA	DcbrA vs WT	-1.21139	0.002123

PA14_41710	membrane_proteins	PGD1657560	NA	DcbrA vs WT	1.026738	7.08E-09
PA14_41900	central_intermediary_metab	PGD1657590	panE	DcbrA vs WT	1.393295	4.49E-25
PA14_41930	transport_of_small_molecul	PGD1657596	NA	DcbrA vs WT	1.044284	5.59E-15
PA14_41970	hypothetical_unclassified	PGD1657602	NA	DcbrA vs WT	-2.09343	1.86E-16
PA14_41990	hypothetical_unclassified	PGD1657606	NA	DcbrA vs WT	2.463506	8.44E-05
PA14_42150	hypothetical_unclassified	PGD1657632	NA	DcbrA vs WT	1.282636	1.25E-10
PA14_42160	hypothetical_unclassified	PGD1657634	NA	DcbrA vs WT	1.271153	3.84E-17
PA14_42260	protein_secretion_export	PGD1657646	pscK	DcbrA vs WT	-3.67601	0.018678
PA14_42260	secreted_factors	PGD1657646	pscK	DcbrA vs WT	-3.67601	0.018678
PA14_42270	secreted_factors	PGD1657648	pscJ	DcbrA vs WT	1.436126	4.98E-04
PA14_42400	protein_secretion_export	PGD1657670	exsB	DcbrA vs WT	1.030999	0.029705
PA14_42400	translation_posttranslational	PGD1657670	exsB	DcbrA vs WT	1.030999	0.029705
PA14_42430	protein_secretion_export	PGD1657674	exsC	DcbrA vs WT	1.919843	3.39E-13
PA14_42430	secreted_factors	PGD1657674	exsC	DcbrA vs WT	1.919843	3.39E-13
PA14_42430	translation_posttranslational	PGD1657674	exsC	DcbrA vs WT	1.919843	3.39E-13
PA14_42440	protein_secretion_export	PGD1657676	popD	DcbrA vs WT	-1.44095	0.033659
PA14_42470	protein_secretion_export	PGD1657682	pcrV	DcbrA vs WT	1.357104	0.001225
PA14_42630	protein_secretion_export	PGD1657710	NA	DcbrA vs WT	1.518782	0.024462
PA14_42700	DNA_replication_recombinat	PGD1657722	alkA	DcbrA vs WT	-1.07874	1.69E-08
PA14_42730	amino_acid_biosynthesis_m	PGD1657728	NA	DcbrA vs WT	-1.10282	5.53E-06
PA14_42730	central_intermediary_metab	PGD1657728	NA	DcbrA vs WT	-1.10282	5.53E-06
PA14_42890	protein_secretion_export	PGD1657756	stp1	DcbrA vs WT	-1.71391	7.52E-11
PA14_42890	translation_posttranslational	PGD1657756	stp1	DcbrA vs WT	-1.71391	7.52E-11
PA14_42950	hypothetical_unclassified	PGD1657766	fha2	DcbrA vs WT	-1.14116	2.71E-07
PA14_42980	chaperones_heat_shock	PGD1657772	clpV2	DcbrA vs WT	-1.13591	2.55E-12
PA14_43230	hypothetical_unclassified	PGD1657814	NA	DcbrA vs WT	-3.91248	7.93E-24
PA14_43250	hypothetical_unclassified	PGD1657818	NA	DcbrA vs WT	-1.0227	6.82E-09
PA14_43280	translation_posttranslational	PGD1657822	selD	DcbrA vs WT	-1.08131	3.33E-11
PA14_43350	two_component_regulators	PGD1657834	kdpD	DcbrA vs WT	-1.19961	1.16E-12
PA14_43405	transport_of_small_molecul	PGD1657842	kdbF	DcbrA vs WT	3.234299	0.049477
PA14_43460	fatty_acid_and_phospholipid	PGD1657850	NA	DcbrA vs WT	-1.47924	0.009008
PA14_43490	transport_of_small_molecul	PGD1657854	NA	DcbrA vs WT	-1.80373	6.48E-06
PA14_43520	hypothetical_unclassified	PGD1657858	NA	DcbrA vs WT	-1.17431	3.75E-11
PA14_43570	transport_of_small_molecul	PGD1657866	NA	DcbrA vs WT	-2.11184	0.014721
PA14_43600	fatty_acid_and_phospholipid	PGD1657870	NA	DcbrA vs WT	-1.16201	5.92E-11
PA14_43630	putative_enzymes	PGD1657876	NA	DcbrA vs WT	1.900673	1.07E-16
PA14_43640	central_intermediary_metab	PGD1657878	gpsA	DcbrA vs WT	1.145484	2.02E-14
PA14_43640	fatty_acid_and_phospholipid	PGD1657878	gpsA	DcbrA vs WT	1.145484	2.02E-14
PA14_43670	two_component_regulators	PGD1657884	NA	DcbrA vs WT	1.161952	1.77E-16
PA14_43680	fatty_acid_and_phospholipid	PGD1657886	fabA	DcbrA vs WT	1.206831	1.44E-17
PA14_43730	hypothetical_unclassified	PGD1657894	NA	DcbrA vs WT	1.664065	8.20E-15
PA14_43740	putative_enzymes	PGD1657896	NA	DcbrA vs WT	1.156766	8.23E-18
PA14_43760	hypothetical_unclassified	PGD1657898	NA	DcbrA vs WT	-1.31984	1.92E-07
PA14_43770	transcriptional_regulators	PGD1657900	NA	DcbrA vs WT	-1.30441	1.84E-07
PA14_43850	chaperones_heat_shock	PGD1657914	htpG	DcbrA vs WT	1.090501	1.67E-11
PA14_44020	energy_metabolism_CAP	PGD1657938	sdhB	DcbrA vs WT	1.239635	1.29E-08
PA14_44080	hypothetical_unclassified	PGD1657948	NA	DcbrA vs WT	1.743625	8.81E-45
PA14_44170	hypothetical_unclassified	PGD1657966	NA	DcbrA vs WT	1.817259	9.24E-20
PA14_44210	amino_acid_biosynthesis_m	PGD1657974	NA	DcbrA vs WT	-1.15843	2.40E-07
PA14_44270	translation_posttranslational	PGD1657982	NA	DcbrA vs WT	1.00989	8.29E-08

PA14_44300	chemotaxis	PGD1657988	aer	DcbrA vs WT	-1.70881	8.98E-14
PA14_44440	membrane_proteins	PGD1658012	NA	DcbrA vs WT	-1.37999	1.49E-22
PA14_44440	transport_of_small_molecule	PGD1658012	NA	DcbrA vs WT	-1.37999	1.49E-22
PA14_44460	membrane_proteins	PGD1658016	NA	DcbrA vs WT	-1.84084	4.87E-16
PA14_44490	transcriptional_regulators	PGD1658022	anr	DcbrA vs WT	1.444016	1.17E-10
PA14_44520	membrane_proteins	PGD1658028	NA	DcbrA vs WT	2.078924	9.44E-10
PA14_44520	transport_of_small_molecule	PGD1658028	NA	DcbrA vs WT	2.078924	9.44E-10
PA14_44590	putative_enzymes	PGD1658040	NA	DcbrA vs WT	1.0422	7.25E-09
PA14_44620	hypothetical_unclassified	PGD1658044	NA	DcbrA vs WT	1.566915	6.78E-31
PA14_44680	cell_division	PGD1658056	NA	DcbrA vs WT	1.511149	1.50E-20
PA14_44950	membrane_proteins	PGD1658096	NA	DcbrA vs WT	2.220961	4.11E-32
PA14_44950	transport_of_small_molecule	PGD1658096	NA	DcbrA vs WT	2.220961	4.11E-32
PA14_45010	central_intermediary_metab	PGD1658108	NA	DcbrA vs WT	-1.49634	0.003488
PA14_45030	carbon_compound_catabolis	PGD1658112	NA	DcbrA vs WT	-1.25606	0.036425
PA14_45030	putative_enzymes	PGD1658112	NA	DcbrA vs WT	-1.25606	0.036425
PA14_45090	hypothetical_unclassified	PGD1658120	NA	DcbrA vs WT	-1.87842	2.81E-09
PA14_45100	transcriptional_regulators	PGD1658122	NA	DcbrA vs WT	1.106508	4.03E-04
PA14_45100	transport_of_small_molecule	PGD1658122	NA	DcbrA vs WT	1.106508	4.03E-04
PA14_45130	membrane_proteins	PGD1658128	NA	DcbrA vs WT	1.069635	0.002029
PA14_45130	transport_of_small_molecule	PGD1658128	NA	DcbrA vs WT	1.069635	0.002029
PA14_45180	putative_enzymes	PGD1658134	NA	DcbrA vs WT	-1.85621	0.003162
PA14_45190	energy_metabolism_CAP	PGD1658136	NA	DcbrA vs WT	-1.10885	5.39E-04
PA14_45190	putative_enzymes	PGD1658136	NA	DcbrA vs WT	-1.10885	5.39E-04
PA14_45210	amino_acid_biosynthesis_mε	PGD1658138	NA	DcbrA vs WT	-2.19877	1.07E-05
PA14_45240	transport_of_small_molecule	PGD1658140	NA	DcbrA vs WT	-1.14039	0.001675
PA14_45280	energy_metabolism_CAP	PGD1658146	cycH	DcbrA vs WT	-1.64104	1.62E-16
PA14_45310	energy_metabolism_CAP	PGD1658152	ccmF	DcbrA vs WT	-1.07825	5.36E-11
PA14_45350	transport_of_small_molecule	PGD1658158	ccmC	DcbrA vs WT	-1.14295	1.76E-17
PA14_45370	membrane_proteins	PGD1658160	ccmB	DcbrA vs WT	-2.22469	1.29E-42
PA14_45370	transport_of_small_molecule	PGD1658160	ccmB	DcbrA vs WT	-2.22469	1.29E-42
PA14_45400	hypothetical_unclassified	PGD1658164	NA	DcbrA vs WT	-1.0554	7.10E-09
PA14_45480	hypothetical_unclassified	PGD1658178	NA	DcbrA vs WT	-1.38243	6.09E-08
PA14_45760	adaptation_and_protection	PGD1658214	fliQ	DcbrA vs WT	1.25731	3.66E-05
PA14_45760	chemotaxis	PGD1658214	fliQ	DcbrA vs WT	1.25731	3.66E-05
PA14_45760	motility_and_attachment	PGD1658214	fliQ	DcbrA vs WT	1.25731	3.66E-05
PA14_45780	adaptation_and_protection	PGD1658218	fliO	DcbrA vs WT	-2.11086	2.42E-08
PA14_45780	chemotaxis	PGD1658218	fliO	DcbrA vs WT	-2.11086	2.42E-08
PA14_45780	motility_and_attachment	PGD1658218	fliO	DcbrA vs WT	-2.11086	2.42E-08
PA14_45970	membrane_proteins	PGD1658250	NA	DcbrA vs WT	-1.58306	3.04E-08
PA14_45970	transport_of_small_molecule	PGD1658250	NA	DcbrA vs WT	-1.58306	3.04E-08
PA14_46160	hypothetical_unclassified	PGD1658278	NA	DcbrA vs WT	-1.15478	4.13E-04
PA14_46170	transcriptional_regulators	PGD1658280	NA	DcbrA vs WT	-2.05284	3.44E-12
PA14_46250	putative_enzymes	PGD1658292	NA	DcbrA vs WT	1.003638	3.24E-07
PA14_46260	hypothetical_unclassified	PGD1658294	NA	DcbrA vs WT	-1.07422	6.69E-07
PA14_46280	hypothetical_unclassified	PGD1658298	NA	DcbrA vs WT	1.456927	2.90E-10
PA14_46470	amino_acid_biosynthesis_mε	PGD1658332	pdxB	DcbrA vs WT	-1.26118	1.12E-07
PA14_46470	biosynthesis_of_cofactors	PGD1658332	pdxB	DcbrA vs WT	-1.26118	1.12E-07
PA14_46470	carbon_compound_catabolis	PGD1658332	pdxB	DcbrA vs WT	-1.26118	1.12E-07
PA14_46570	transcriptional_regulators	PGD1658350	NA	DcbrA vs WT	1.045214	3.68E-08
PA14_46590	antibiotic_resistance_and_su	PGD1658354	NA	DcbrA vs WT	1.016035	0.001183

PA14_46620	putative_enzymes	PGD1658360	NA	DcbrA vs WT	1.10112	2.83E-07
PA14_46740	hypothetical_unclassified	PGD1658380	NA	DcbrA vs WT	-1.0972	1.54E-06
PA14_46750	hypothetical_unclassified	PGD1658382	NA	DcbrA vs WT	-1.92134	2.16E-08
PA14_46810	transcriptional_regulators	PGD1658392	NA	DcbrA vs WT	-1.20778	6.84E-06
PA14_46850	transcriptional_regulators	PGD1658400	NA	DcbrA vs WT	3.032677	3.21E-04
PA14_46860	amino_acid_biosynthesis_mε	PGD1658402	NA	DcbrA vs WT	1.552652	0.039608
PA14_46890	putative_enzymes	PGD1658406	NA	DcbrA vs WT	-1.00255	4.58E-06
PA14_46970	amino_acid_biosynthesis_mε	PGD1658420	ansB	DcbrA vs WT	-1.79641	5.22E-18
PA14_46980	two_component_regulators	PGD1658422	NA	DcbrA vs WT	-1.26161	1.31E-10
PA14_47080	transcriptional_regulators	PGD1658438	NA	DcbrA vs WT	-1.85835	2.66E-10
PA14_47100	amino_acid_biosynthesis_mε	PGD1658442	ilvA2	DcbrA vs WT	-1.54219	1.13E-05
PA14_47120	hypothetical_unclassified	PGD1658446	NA	DcbrA vs WT	1.533579	1.99E-12
PA14_47140	membrane_proteins	PGD1658450	NA	DcbrA vs WT	1.299559	6.32E-07
PA14_47180	energy_metabolism_CAP	PGD1658456	cyoC	DcbrA vs WT	1.263369	0.03264
PA14_47230	transport_of_small_moleculε	PGD1658462	NA	DcbrA vs WT	-1.21603	6.38E-05
PA14_47390	two_component_regulators	PGD1658492	NA	DcbrA vs WT	-1.1784	0.002413
PA14_47460	transcription_RNA_processin	PGD1658506	rnd	DcbrA vs WT	1.589575	7.27E-25
PA14_47530	hypothetical_unclassified	PGD1658516	NA	DcbrA vs WT	-1.084	8.97E-05
PA14_47640	transport_of_small_moleculε	PGD1658530	NA	DcbrA vs WT	1.079916	0.00738
PA14_47650	biosynthesis_of_cofactors	PGD1658532	cobS	DcbrA vs WT	-1.68845	8.08E-07
PA14_47670	biosynthesis_of_cofactors	PGD1658536	cobT	DcbrA vs WT	-3.00647	1.78E-12
PA14_47680	biosynthesis_of_cofactors	PGD1658538	cobU	DcbrA vs WT	-2.59556	3.02E-13
PA14_47690	biosynthesis_of_cofactors	PGD1658540	cobQ	DcbrA vs WT	-1.04503	1.98E-07
PA14_47720	biosynthesis_of_cofactors	PGD1658542	cobC	DcbrA vs WT	-2.23549	2.40E-09
PA14_47730	biosynthesis_of_cofactors	PGD1658544	cobD	DcbrA vs WT	-2.57191	4.79E-14
PA14_47750	putative_enzymes	PGD1658546	NA	DcbrA vs WT	-1.41794	2.33E-06
PA14_47760	biosynthesis_of_cofactors	PGD1658548	cobB	DcbrA vs WT	-1.91992	9.34E-15
PA14_47860	putative_enzymes	PGD1658562	NA	DcbrA vs WT	-2.61009	2.50E-09
PA14_47870	membrane_proteins	PGD1658564	NA	DcbrA vs WT	-1.91813	0.043055
PA14_47880	transcriptional_regulators	PGD1658566	NA	DcbrA vs WT	-1.63623	2.91E-07
PA14_47910	transcriptional_regulators	PGD1658572	NA	DcbrA vs WT	-1.27219	5.11E-05
PA14_47920	transport_of_small_moleculε	PGD1658574	NA	DcbrA vs WT	2.063518	2.03E-04
PA14_48000	amino_acid_biosynthesis_mε	PGD1658586	NA	DcbrA vs WT	1.180811	0.006323
PA14_48160	two_component_regulators	PGD1658608	NA	DcbrA vs WT	1.218151	1.56E-12
PA14_48170	motility_and_attachment	PGD1658610	srpP	DcbrA vs WT	1.365069	5.39E-16
PA14_48170	translation_posttranslational	PGD1658610	srpP	DcbrA vs WT	1.365069	5.39E-16
PA14_48240	antibiotic_resistance_and_su	PGD1658620	NA	DcbrA vs WT	-1.84392	0.025531
PA14_48300	transport_of_small_moleculε	PGD1658624	NA	DcbrA vs WT	1.081904	0.001888
PA14_48420	transcriptional_regulators	PGD1658644	NA	DcbrA vs WT	-2.0566	1.59E-17
PA14_48440	putative_enzymes	PGD1658646	NA	DcbrA vs WT	-2.34237	3.34E-07
PA14_48560	hypothetical_unclassified	PGD1658668	NA	DcbrA vs WT	1.503222	0.009268
PA14_48710	hypothetical_unclassified	PGD1658692	NA	DcbrA vs WT	1.2454	6.16E-10
PA14_48730	hypothetical_unclassified	PGD1658694	NA	DcbrA vs WT	-1.65687	8.04E-09
PA14_48830	transcriptional_regulators	PGD1658712	NA	DcbrA vs WT	-1.14037	1.53E-08
PA14_48880	relative_phage_transposon	PGD1658722	NA	DcbrA vs WT	1.189998	5.43E-06
PA14_49010	relative_phage_transposon	PGD1658748	xisF5	DcbrA vs WT	3.195688	0.036784
PA14_49050	membrane_proteins	PGD1658756	NA	DcbrA vs WT	1.243953	7.04E-09
PA14_49060	transcription_RNA_processin	PGD1658758	NA	DcbrA vs WT	-1.05858	0.001099
PA14_49070	putative_enzymes	PGD1658760	NA	DcbrA vs WT	-1.38947	1.01E-08
PA14_49130	transport_of_small_moleculε	PGD1658770	dctA	DcbrA vs WT	2.456085	5.72E-12

PA14_49210	energy_metabolism_CAP	PGD1658782	napE	DcbrA vs WT	1.376166	3.90E-19
PA14_49220	energy_metabolism_CAP	PGD1658784	napF	DcbrA vs WT	-1.92621	2.27E-09
PA14_49300	putative_enzymes	PGD1658798	NA	DcbrA vs WT	3.280647	1.50E-52
PA14_49310	hypothetical_unclassified	PGD1658800	NA	DcbrA vs WT	3.600412	1.36E-58
PA14_49390	transcription_RNA_processin	PGD1658814	rrmA	DcbrA vs WT	-1.10268	0.009798
PA14_49400	hypothetical_unclassified	PGD1658816	NA	DcbrA vs WT	-1.66277	6.72E-17
PA14_49500	hypothetical_unclassified	PGD1658830	NA	DcbrA vs WT	-2.24726	7.87E-06
PA14_49560	secreted_factors	PGD1658840	toxA	DcbrA vs WT	-1.07616	0.009566
PA14_49570	membrane_proteins	PGD1658842	NA	DcbrA vs WT	-1.20399	0.028389
PA14_49580	carbon_compound_catabolis	PGD1658844	NA	DcbrA vs WT	-1.43042	0.003302
PA14_49690	putative_enzymes	PGD1658862	NA	DcbrA vs WT	2.671752	2.00E-08
PA14_49780	antibiotic_resistance_and_su	PGD1658878	NA	DcbrA vs WT	-1.11146	0.027412
PA14_49820	biosynthesis_of_cofactors	PGD1658886	NA	DcbrA vs WT	-1.27042	9.56E-07
PA14_49850	hypothetical_unclassified	PGD1658890	NA	DcbrA vs WT	-1.01319	2.31E-09
PA14_49860	hypothetical_unclassified	PGD1658892	NA	DcbrA vs WT	-1.61299	3.15E-13
PA14_49940	membrane_proteins	PGD1658908	NA	DcbrA vs WT	1.438674	3.34E-23
PA14_49960	hypothetical_unclassified	PGD1658910	NA	DcbrA vs WT	1.04719	4.60E-10
PA14_50000	hypothetical_unclassified	PGD1658916	NA	DcbrA vs WT	1.354837	5.05E-12
PA14_50010	putative_enzymes	PGD1658918	NA	DcbrA vs WT	1.012487	3.89E-09
PA14_50040	transcriptional_regulators	PGD1658924	NA	DcbrA vs WT	-1.03342	2.15E-04
PA14_50070	hypothetical_unclassified	PGD1658930	NA	DcbrA vs WT	1.379929	1.96E-10
PA14_50100	motility_and_attachment	PGD1658934	flil	DcbrA vs WT	-1.29137	9.83E-15
PA14_50180	motility_and_attachment	PGD1658944	fleR	DcbrA vs WT	-1.02195	5.88E-06
PA14_50180	transcriptional_regulators	PGD1658944	fleR	DcbrA vs WT	-1.02195	5.88E-06
PA14_50180	two_component_regulators	PGD1658944	fleR	DcbrA vs WT	-1.02195	5.88E-06
PA14_50450	cell_wall_LPS	PGD1658982	flgE	DcbrA vs WT	-1.64959	8.51E-29
PA14_50450	motility_and_attachment	PGD1658982	flgE	DcbrA vs WT	-1.64959	8.51E-29
PA14_50470	cell_wall_LPS	PGD1658986	flgC	DcbrA vs WT	-1.08449	7.50E-04
PA14_50470	motility_and_attachment	PGD1658986	flgC	DcbrA vs WT	-1.08449	7.50E-04
PA14_50650	hypothetical_unclassified	PGD1659018	NA	DcbrA vs WT	-1.44755	1.36E-05
PA14_50720	membrane_proteins	PGD1659032	shaE	DcbrA vs WT	-1.15389	1.11E-04
PA14_50720	transport_of_small_molecul	PGD1659032	shaE	DcbrA vs WT	-1.15389	1.11E-04
PA14_50750	hypothetical_unclassified	PGD1659038	NA	DcbrA vs WT	-1.17753	1.40E-05
PA14_50760	putative_enzymes	PGD1659040	NA	DcbrA vs WT	-3.14156	2.26E-10
PA14_50810	membrane_proteins	PGD1659048	NA	DcbrA vs WT	1.209525	5.43E-15
PA14_50810	transport_of_small_molecul	PGD1659048	NA	DcbrA vs WT	1.209525	5.43E-15
PA14_50860	hypothetical_unclassified	PGD1659058	NA	DcbrA vs WT	-1.14675	8.84E-11
PA14_50880	membrane_proteins	PGD1659062	NA	DcbrA vs WT	-1.30904	1.78E-19
PA14_50970	putative_enzymes	PGD1659078	NA	DcbrA vs WT	1.662766	3.04E-15
PA14_51090	putative_enzymes	PGD1659098	NA	DcbrA vs WT	1.204788	0.026143
PA14_51190	hypothetical_unclassified	PGD1659112	NA	DcbrA vs WT	-1.1883	1.95E-04
PA14_51200	hypothetical_unclassified	PGD1659114	NA	DcbrA vs WT	1.134574	4.22E-05
PA14_51440	DNA_replication_recombinat	PGD1659158	ogt	DcbrA vs WT	1.031038	4.75E-07
PA14_51460	motility_and_attachment	PGD1659162	cupC2	DcbrA vs WT	1.864481	5.78E-04
PA14_51490	hypothetical_unclassified	PGD1659168	NA	DcbrA vs WT	2.240153	3.74E-24
PA14_51510	hypothetical_unclassified	PGD1659172	NA	DcbrA vs WT	1.352172	5.52E-11
PA14_51530	secreted_factors	PGD1659176	exoU	DcbrA vs WT	1.087851	4.68E-11
PA14_51550	relative_phage_transposon	PGD1659180	NA	DcbrA vs WT	1.039717	1.68E-07
PA14_51620	relative_phage_transposon	PGD1659194	NA	DcbrA vs WT	1.93151	2.87E-18
PA14_51630	relative_phage_transposon	PGD1659196	NA	DcbrA vs WT	1.599778	2.58E-06



PA14_51730	membrane_proteins	PGD1659214	tolA	DcbrA vs WT	1.350942	8.05E-27
PA14_51730	transport_of_small_molecule	PGD1659214	tolA	DcbrA vs WT	1.350942	8.05E-27
PA14_51770	hypothetical_unclassified	PGD1659220	NA	DcbrA vs WT	1.058727	5.24E-10
PA14_51790	DNA_replication_recombinat	PGD1659224	ruvA	DcbrA vs WT	1.416114	3.21E-22
PA14_51930	putative_enzymes	PGD1659250	NA	DcbrA vs WT	1.252006	1.78E-10
PA14_51960	transcription_RNA_processin	PGD1659256	NA	DcbrA vs WT	1.172611	9.11E-13
PA14_52060	protein_secretion_export	PGD1659272	NA	DcbrA vs WT	1.205521	7.08E-19
PA14_52120	hypothetical_unclassified	PGD1659282	NA	DcbrA vs WT	1.364639	1.35E-04
PA14_52230	transport_of_small_molecule	PGD1659298	NA	DcbrA vs WT	1.755542	2.07E-17
PA14_52250	transport_of_small_molecule	PGD1659302	NA	DcbrA vs WT	2.437857	3.59E-20
PA14_52250	two_component_regulators	PGD1659302	NA	DcbrA vs WT	2.437857	3.59E-20
PA14_52300	membrane_proteins	PGD1659312	NA	DcbrA vs WT	1.036332	5.66E-05
NA	NA	PGD1659317	NA	DcbrA vs WT	1.496032	0.017329
PA14_52460	transport_of_small_molecule	PGD1659336	mgtE	DcbrA vs WT	1.013611	1.03E-14
PA14_52480	hypothetical_unclassified	PGD1659340	NA	DcbrA vs WT	1.121978	0.042578
PA14_52510	hypothetical_unclassified	PGD1659346	NA	DcbrA vs WT	-1.60705	4.80E-06
PA14_52570	adaptation_and_protection	PGD1659358	rsmA	DcbrA vs WT	1.617028	5.38E-11
PA14_52570	transcriptional_regulators	PGD1659358	rsmA	DcbrA vs WT	1.617028	5.38E-11
PA14_52570	translation_posttranslational	PGD1659358	rsmA	DcbrA vs WT	1.617028	5.38E-11
PA14_52610	putative_enzymes	PGD1659364	NA	DcbrA vs WT	-1.53986	7.44E-18
PA14_52660	amino_acid_biosynthesis_mε	PGD1659370	aruB	DcbrA vs WT	-1.62551	5.60E-17
PA14_52760	hypothetical_unclassified	PGD1659386	NA	DcbrA vs WT	-1.10691	1.83E-11
PA14_52800	central_intermediary_metab	PGD1659394	acsA	DcbrA vs WT	1.720266	2.30E-20
PA14_52840	transport_of_small_molecule	PGD1659400	NA	DcbrA vs WT	1.545966	2.52E-07
PA14_52880	putative_enzymes	PGD1659406	NA	DcbrA vs WT	3.519719	0.015503
PA14_52890	putative_enzymes	PGD1659408	NA	DcbrA vs WT	2.238444	0.046353
PA14_53010	amino_acid_biosynthesis_mε	PGD1659428	phhC	DcbrA vs WT	-1.46945	6.44E-13
PA14_53070	amino_acid_biosynthesis_mε	PGD1659438	hpd	DcbrA vs WT	1.757861	1.29E-24
PA14_53160	hypothetical_unclassified	PGD1659452	NA	DcbrA vs WT	-1.14052	4.47E-11
PA14_53200	hypothetical_unclassified	PGD1659458	NA	DcbrA vs WT	1.286787	1.70E-20
PA14_53210	hypothetical_unclassified	PGD1659460	NA	DcbrA vs WT	-1.04645	7.09E-11
PA14_53250	secreted_factors	PGD1659466	cpbD	DcbrA vs WT	-1.16249	3.29E-11
PA14_53270	hypothetical_unclassified	PGD1659470	NA	DcbrA vs WT	-1.70184	9.26E-09
PA14_53290	nucleotide_biosynthesis_and	PGD1659472	trxB2	DcbrA vs WT	-1.93247	1.53E-14
PA14_53390	hypothetical_unclassified	PGD1659488	NA	DcbrA vs WT	-1.37191	5.61E-04
PA14_53450	hypothetical_unclassified	PGD1659498	NA	DcbrA vs WT	1.009954	6.20E-07
PA14_53470	putative_enzymes	PGD1659500	NA	DcbrA vs WT	-1.41752	1.88E-06
PA14_53720	transcriptional_regulators	PGD1659548	NA	DcbrA vs WT	-1.87605	1.73E-09
PA14_53750	hypothetical_unclassified	PGD1659554	NA	DcbrA vs WT	-1.94591	6.19E-05
PA14_53780	membrane_proteins	PGD1659558	NA	DcbrA vs WT	-1.1341	1.92E-09
PA14_53780	transport_of_small_molecule	PGD1659558	NA	DcbrA vs WT	-1.1341	1.92E-09
PA14_53910	fatty_acid_and_phospholipid	PGD1659584	pmtA	DcbrA vs WT	-1.22455	1.78E-08
PA14_53970	energy_metabolism_CAP	PGD1659592	NA	DcbrA vs WT	-1.15236	6.76E-09
PA14_54050	hypothetical_unclassified	PGD1659604	NA	DcbrA vs WT	-1.38791	1.38E-06
PA14_54230	hypothetical_unclassified	PGD1659630	NA	DcbrA vs WT	-1.21713	0.007698
PA14_54240	hypothetical_unclassified	PGD1659632	NA	DcbrA vs WT	1.943357	3.84E-23
PA14_54400	cell_wall_LPS	PGD1659654	mucC	DcbrA vs WT	1.131429	4.65E-13
PA14_54400	secreted_factors	PGD1659654	mucC	DcbrA vs WT	1.131429	4.65E-13
PA14_54400	transcriptional_regulators	PGD1659654	mucC	DcbrA vs WT	1.131429	4.65E-13
PA14_54430	transcriptional_regulators	PGD1659660	algU	DcbrA vs WT	1.535769	3.85E-17

PA14_54520	membrane_proteins	PGD1659676	NA	DcbrA vs WT	2.708614	1.37E-19
PA14_54580	membrane_proteins	PGD1659684	NA	DcbrA vs WT	-1.57903	7.10E-04
PA14_54630	putative_enzymes	PGD1659694	NA	DcbrA vs WT	-1.81932	3.75E-28
PA14_54640	putative_enzymes	PGD1659696	dspl	DcbrA vs WT	-1.74051	1.03E-25
PA14_54660	putative_enzymes	PGD1659698	NA	DcbrA vs WT	-1.38817	7.49E-13
PA14_54670	carbon_compound_catabolis	PGD1659700	NA	DcbrA vs WT	-1.06128	1.48E-11
PA14_54720	hypothetical_unclassified	PGD1659710	NA	DcbrA vs WT	2.355937	1.47E-11
PA14_54730	membrane_proteins	PGD1659712	NA	DcbrA vs WT	2.052766	6.40E-13
PA14_54740	hypothetical_unclassified	PGD1659714	NA	DcbrA vs WT	1.367638	4.86E-07
PA14_54750	hypothetical_unclassified	PGD1659716	NA	DcbrA vs WT	1.661375	3.76E-12
PA14_54870	hypothetical_unclassified	PGD1659738	NA	DcbrA vs WT	1.250879	2.32E-05
PA14_54880	putative_enzymes	PGD1659740	NA	DcbrA vs WT	1.146846	1.37E-08
PA14_54890	hypothetical_unclassified	PGD1659742	NA	DcbrA vs WT	1.009476	1.47E-10
PA14_54910	putative_enzymes	PGD1659746	NA	DcbrA vs WT	1.275781	1.07E-05
PA14_55000	transport_of_small_molecul	PGD1659762	NA	DcbrA vs WT	1.010627	0.001888
PA14_55020	transport_of_small_molecul	PGD1659764	NA	DcbrA vs WT	1.428593	4.84E-05
PA14_55040	transport_of_small_molecul	PGD1659768	NA	DcbrA vs WT	1.585092	5.65E-04
PA14_55130	central_intermediary_metab	PGD1659786	gloA2	DcbrA vs WT	-1.1796	0.04503
PA14_55150	transcriptional_regulators	PGD1659790	NA	DcbrA vs WT	1.406492	4.45E-06
PA14_55160	transcriptional_regulators	PGD1659792	toxR	DcbrA vs WT	-1.55568	1.78E-05
PA14_55240	hypothetical_unclassified	PGD1659804	NA	DcbrA vs WT	-1.71548	2.42E-09
PA14_55250	transcriptional_regulators	PGD1659806	NA	DcbrA vs WT	-1.0601	0.020501
PA14_55460	protein_secretion_export	PGD1659838	hxcZ	DcbrA vs WT	-3.68727	0.034768
PA14_55510	hypothetical_unclassified	PGD1659848	hxcP	DcbrA vs WT	-1.54097	1.99E-05
PA14_55560	transcriptional_regulators	PGD1659858	NA	DcbrA vs WT	-1.47185	2.49E-04
PA14_55590	hypothetical_unclassified	PGD1659864	NA	DcbrA vs WT	-1.98091	9.12E-04
PA14_55600	hypothetical_unclassified	PGD1659866	NA	DcbrA vs WT	-2.87605	3.79E-13
PA14_55740	transport_of_small_molecul	PGD1659896	NA	DcbrA vs WT	-1.36585	2.27E-07
PA14_55750	adaptation_and_protection	PGD1659898	NA	DcbrA vs WT	2.070838	1.31E-22
PA14_55750	chemotaxis	PGD1659898	NA	DcbrA vs WT	2.070838	1.31E-22
PA14_55780	two_component_regulators	PGD1659904	NA	DcbrA vs WT	-1.82426	1.42E-29
PA14_55790	protein_secretion_export	PGD1659906	NA	DcbrA vs WT	-1.02273	7.49E-11
PA14_55840	hypothetical_unclassified	PGD1659914	NA	DcbrA vs WT	-2.72758	0.001705
PA14_55850	protein_secretion_export	PGD1659916	NA	DcbrA vs WT	-1.31806	3.46E-07
PA14_55880	membrane_proteins	PGD1659920	NA	DcbrA vs WT	-1.80371	4.64E-12
PA14_55880	motility_and_attachment	PGD1659920	NA	DcbrA vs WT	-1.80371	4.64E-12
PA14_55880	protein_secretion_export	PGD1659920	NA	DcbrA vs WT	-1.80371	4.64E-12
PA14_55920	motility_and_attachment	PGD1659926	NA	DcbrA vs WT	-1.11013	1.97E-09
PA14_55920	protein_secretion_export	PGD1659926	NA	DcbrA vs WT	-1.11013	1.97E-09
PA14_55930	motility_and_attachment	PGD1659928	NA	DcbrA vs WT	-1.13719	2.95E-13
PA14_55930	protein_secretion_export	PGD1659928	NA	DcbrA vs WT	-1.13719	2.95E-13
PA14_56050	membrane_proteins	PGD1659944	NA	DcbrA vs WT	1.323097	3.15E-18
PA14_56080	DNA_replication_recombinat	PGD1659950	sbcB	DcbrA vs WT	1.022829	2.28E-21
PA14_56100	membrane_proteins	PGD1659954	NA	DcbrA vs WT	-1.20558	2.19E-06
PA14_56170	hypothetical_unclassified	PGD1659964	NA	DcbrA vs WT	-1.40386	1.04E-10
PA14_56180	hypothetical_unclassified	PGD1659966	NA	DcbrA vs WT	1.390042	9.34E-15
PA14_56260	energy_metabolism_CAP	PGD1659980	NA	DcbrA vs WT	-2.36499	9.29E-38
PA14_56390	fatty_acid_and_phospholipid	PGD1659994	NA	DcbrA vs WT	1.612282	1.95E-30
PA14_56510	hypothetical_unclassified	PGD1660008	NA	DcbrA vs WT	1.044464	6.40E-11
PA14_56570	fatty_acid_and_phospholipid	PGD1660020	NA	DcbrA vs WT	-2.90659	4.22E-08

PA14_56590	adaptation_and_protection	PGD1660022	NA	DcbrA vs WT	-2.50195	2.70E-20
PA14_56620	transcriptional_regulators	PGD1660026	NA	DcbrA vs WT	2.44762	8.82E-13
PA14_56670	hypothetical_unclassified	PGD1660032	NA	DcbrA vs WT	-1.7491	4.45E-08
PA14_56690	transport_of_small_molecule	PGD1660036	feoA	DcbrA vs WT	-1.47563	5.77E-07
PA14_56730	hypothetical_unclassified	PGD1660042	NA	DcbrA vs WT	-1.19973	4.95E-08
PA14_56750	hypothetical_unclassified	PGD1660046	NA	DcbrA vs WT	-1.31397	0.024013
PA14_56800	hypothetical_unclassified	PGD1660054	NA	DcbrA vs WT	-1.42809	2.91E-14
PA14_56810	membrane_proteins	PGD1660056	NA	DcbrA vs WT	1.01646	1.58E-08
PA14_56830	membrane_proteins	PGD1660058	icmP	DcbrA vs WT	-1.42555	6.53E-10
PA14_56840	putative_enzymes	PGD1660060	NA	DcbrA vs WT	-1.70742	1.14E-17
PA14_56870	hypothetical_unclassified	PGD1660064	NA	DcbrA vs WT	-1.29639	4.03E-08
PA14_56910	hypothetical_unclassified	PGD1660072	NA	DcbrA vs WT	-1.39536	1.36E-08
PA14_56960	hypothetical_unclassified	PGD1660082	NA	DcbrA vs WT	1.222276	0.024309
PA14_57020	chaperones_heat_shock	PGD1660092	groES	DcbrA vs WT	1.29469	1.20E-13
PA14_57110	transport_of_small_molecule	PGD1660108	NA	DcbrA vs WT	1.931507	6.30E-33
PA14_57275	cell_division	PGD1660134	ftsZ	DcbrA vs WT	-1.18105	1.42E-12
PA14_57530	adaptation_and_protection	PGD1660176	sspA	DcbrA vs WT	1.121091	2.18E-11
PA14_57630	transcriptional_regulators	PGD1660191	NA	DcbrA vs WT	1.069976	1.49E-09
PA14_57710	amino_acid_biosynthesis_mε	PGD1660203	cysN	DcbrA vs WT	-1.45569	3.00E-15
PA14_57710	central_intermediary_metab	PGD1660203	cysN	DcbrA vs WT	-1.45569	3.00E-15
PA14_57990	transport_of_small_molecule	PGD1660253	NA	DcbrA vs WT	-1.36431	0.005956
PA14_58060	hypothetical_unclassified	PGD1660265	NA	DcbrA vs WT	-1.10761	3.34E-06
PA14_58080	putative_enzymes	PGD1660269	NA	DcbrA vs WT	-1.30038	1.06E-10
PA14_58240	hypothetical_unclassified	PGD1660295	NA	DcbrA vs WT	-1.27467	4.83E-14
PA14_58410	membrane_proteins	PGD1660321	opdP	DcbrA vs WT	-2.6078	1.28E-35
PA14_58410	transport_of_small_molecule	PGD1660321	opdP	DcbrA vs WT	-2.6078	1.28E-35
PA14_58420	transport_of_small_molecule	PGD1660323	dppA4	DcbrA vs WT	-1.06904	7.08E-07
PA14_58450	membrane_proteins	PGD1660327	dppC	DcbrA vs WT	-2.09632	3.61E-10
PA14_58450	transport_of_small_molecule	PGD1660327	dppC	DcbrA vs WT	-2.09632	3.61E-10
PA14_58470	transport_of_small_molecule	PGD1660329	dppD	DcbrA vs WT	-2.56693	4.39E-18
PA14_58490	transport_of_small_molecule	PGD1660331	dppF	DcbrA vs WT	-2.02384	5.49E-19
PA14_58580	membrane_proteins	PGD1660349	NA	DcbrA vs WT	1.318776	1.06E-04
PA14_58600	hypothetical_unclassified	PGD1660351	NA	DcbrA vs WT	-1.02662	2.44E-04
PA14_58610	putative_enzymes	PGD1660353	NA	DcbrA vs WT	1.519918	2.65E-06
NA	NA	PGD1660370	NA	DcbrA vs WT	1.706012	0.001324
PA14_58810	membrane_proteins	PGD1660389	NA	DcbrA vs WT	1.071151	8.53E-07
PA14_58880	energy_metabolism_CAP	PGD1660403	NA	DcbrA vs WT	1.173143	2.44E-13
PA14_58920	hypothetical_unclassified	PGD1660411	NA	DcbrA vs WT	1.202277	0.006156
PA14_58990	putative_enzymes	PGD1660425	NA	DcbrA vs WT	1.361066	0.002549
PA14_59100	hypothetical_unclassified	PGD1660443	NA	DcbrA vs WT	1.149824	7.02E-06
PA14_59160	hypothetical_unclassified	PGD1660455	crpP	DcbrA vs WT	1.013223	0.013805
PA14_59250	motility_and_attachment	PGD1660473	pilN2	DcbrA vs WT	1.408186	9.34E-05
PA14_59370	hypothetical_unclassified	PGD1660491	NA	DcbrA vs WT	1.190224	3.64E-07
PA14_59410	hypothetical_unclassified	PGD1660499	NA	DcbrA vs WT	1.343659	0.001556
PA14_59690	hypothetical_unclassified	PGD1660549	NA	DcbrA vs WT	1.335134	5.20E-05
PA14_59750	motility_and_attachment	PGD1660558	cupD4	DcbrA vs WT	1.561672	1.47E-05
PA14_59860	protein_secretion_export	PGD1660580	NA	DcbrA vs WT	3.59589	0.031261
PA14_59970	hypothetical_unclassified	PGD1660602	NA	DcbrA vs WT	1.166185	2.07E-06
PA14_59990	hypothetical_unclassified	PGD1660606	NA	DcbrA vs WT	1.127543	0.033812
PA14_60140	DNA_replication_recombinat	PGD1660636	NA	DcbrA vs WT	1.270101	0.007819

NA	NA	PGD1660639	NA	DcbrA vs WT	-1.1533	2.19E-05
PA14_60240	hypothetical_unclassified	PGD1660652	NA	DcbrA vs WT	-1.52748	2.14E-14
PA14_60360	fatty_acid_and_phospholipid	PGD1660674	lspA	DcbrA vs WT	1.152169	9.62E-13
PA14_60360	protein_secretion_export	PGD1660674	lspA	DcbrA vs WT	1.152169	9.62E-13
PA14_60360	translation_posttranslational	PGD1660674	lspA	DcbrA vs WT	1.152169	9.62E-13
PA14_60490	energy_metabolism_CAP	PGD1660698	NA	DcbrA vs WT	-1.26867	2.92E-07
PA14_60530	membrane_proteins	PGD1660704	NA	DcbrA vs WT	1.588685	1.38E-13
PA14_60560	hypothetical_unclassified	PGD1660710	NA	DcbrA vs WT	-3.25808	1.50E-28
PA14_60700	energy_metabolism_CAP	PGD1660732	ccpR	DcbrA vs WT	-1.75223	1.34E-13
PA14_60750	carbon_compound_catabolis	PGD1660738	pra	DcbrA vs WT	-1.30969	9.63E-05
PA14_60770	membrane_proteins	PGD1660742	NA	DcbrA vs WT	-1.8158	9.47E-26
PA14_60780	membrane_proteins	PGD1660744	NA	DcbrA vs WT	-1.11672	5.27E-05
PA14_60780	transport_of_small_molecule	PGD1660744	NA	DcbrA vs WT	-1.11672	5.27E-05
PA14_60900	hypothetical_unclassified	PGD1660764	NA	DcbrA vs WT	-1.20819	1.75E-11
PA14_61000	hypothetical_unclassified	PGD1660778	NA	DcbrA vs WT	-3.1205	6.34E-18
PA14_61010	hypothetical_unclassified	PGD1660780	NA	DcbrA vs WT	1.305173	3.42E-07
PA14_61140	energy_metabolism_CAP	PGD1660800	NA	DcbrA vs WT	1.118481	0.022377
PA14_61190	cell_wall_LPS	PGD1660808	NA	DcbrA vs WT	1.004253	1.02E-12
PA14_61190	protein_secretion_export	PGD1660808	NA	DcbrA vs WT	1.004253	1.02E-12
PA14_61220	translation_posttranslational	PGD1660814	NA	DcbrA vs WT	-1.61714	5.24E-06
PA14_61260	membrane_proteins	PGD1660818	NA	DcbrA vs WT	-1.459	1.55E-04
PA14_61320	hypothetical_unclassified	PGD1660828	NA	DcbrA vs WT	1.115114	3.53E-07
PA14_61340	hypothetical_unclassified	PGD1660832	NA	DcbrA vs WT	-2.29374	6.41E-17
PA14_61370	hypothetical_unclassified	PGD1660838	NA	DcbrA vs WT	2.207994	1.11E-09
PA14_61400	central_intermediary_metab	PGD1660844	mqoB	DcbrA vs WT	1.284472	1.84E-13
PA14_61520	hypothetical_unclassified	PGD1660864	NA	DcbrA vs WT	-1.09222	2.89E-05
PA14_61530	motility_and_attachment	PGD1660866	NA	DcbrA vs WT	-2.08634	7.32E-16
PA14_61540	motility_and_attachment	PGD1660868	NA	DcbrA vs WT	-1.10931	2.24E-06
PA14_61600	putative_enzymes	PGD1660878	NA	DcbrA vs WT	-1.05498	5.64E-07
PA14_61620	transcriptional_regulators	PGD1660882	NA	DcbrA vs WT	-1.48999	6.02E-04
PA14_61650	cell_wall_LPS	PGD1660886	pagL	DcbrA vs WT	1.247016	2.02E-14
PA14_61670	biosynthesis_of_cofactors	PGD1660890	moeB	DcbrA vs WT	-1.04748	7.35E-06
NA	NA	PGD1660915	NA	DcbrA vs WT	-1.55679	0.001239
PA14_61890	hypothetical_unclassified	PGD1660926	NA	DcbrA vs WT	-1.83321	8.46E-11
PA14_61950	hypothetical_unclassified	PGD1660934	NA	DcbrA vs WT	1.230004	1.46E-10
PA14_62100	membrane_proteins	PGD1660962	NA	DcbrA vs WT	1.043114	0.001021
PA14_62160	amino_acid_biosynthesis_mε	PGD1660972	ilvI	DcbrA vs WT	1.002686	8.91E-12
PA14_62160	biosynthesis_of_cofactors	PGD1660972	ilvI	DcbrA vs WT	1.002686	8.91E-12
PA14_62240	hypothetical_unclassified	PGD1660984	NA	DcbrA vs WT	-1.93275	3.00E-18
PA14_62290	transport_of_small_molecule	PGD1660994	NA	DcbrA vs WT	-1.4772	5.29E-08
PA14_62350	transport_of_small_molecule	PGD1661000	NA	DcbrA vs WT	1.160324	3.25E-10
PA14_62360	transport_of_small_molecule	PGD1661002	NA	DcbrA vs WT	-1.44089	2.04E-09
PA14_62380	hypothetical_unclassified	PGD1661006	NA	DcbrA vs WT	1.200078	2.66E-23
PA14_62390	transport_of_small_molecule	PGD1661008	NA	DcbrA vs WT	-1.02381	6.01E-11
PA14_62530	carbon_compound_catabolis	PGD1661032	cbrA	DcbrA vs WT	-1.56215	0.007495
PA14_62530	two_component_regulators	PGD1661032	cbrA	DcbrA vs WT	-1.56215	0.007495
PA14_62570	biosynthesis_of_cofactors	PGD1661038	folK	DcbrA vs WT	-1.2151	3.45E-06
PA14_62670	hypothetical_unclassified	PGD1661056	NA	DcbrA vs WT	-1.35178	3.93E-10
PA14_62680	hypothetical_unclassified	PGD1661058	NA	DcbrA vs WT	1.404113	1.13E-05
PA14_62690	hypothetical_unclassified	PGD1661060	NA	DcbrA vs WT	1.488046	5.73E-07

PA14_62840	cell_wall_LPS	PGD1661084	glmM	DcbrA vs WT	1.103371	5.93E-18
PA14_62990	chaperones_heat_shock	PGD1661110	grpE	DcbrA vs WT	1.044887	1.08E-08
PA14_62990	DNA_replication_recombinat	PGD1661110	grpE	DcbrA vs WT	1.044887	1.08E-08
PA14_63190	membrane_proteins	PGD1661144	NA	DcbrA vs WT	-1.1144	2.40E-05
PA14_63210	two_component_regulators	PGD1661148	NA	DcbrA vs WT	-1.57603	5.60E-15
PA14_63230	transport_of_small_molecul	PGD1661152	NA	DcbrA vs WT	1.151176	1.93E-04
PA14_63250	fatty_acid_and_phospholipid	PGD1661156	NA	DcbrA vs WT	1.232952	1.81E-14
PA14_63250	putative_enzymes	PGD1661156	NA	DcbrA vs WT	1.232952	1.81E-14
PA14_63280	transcriptional_regulators	PGD1661160	NA	DcbrA vs WT	-1.40295	3.38E-20
PA14_63330	fatty_acid_and_phospholipid	PGD1661170	NA	DcbrA vs WT	-1.27366	7.64E-10
PA14_63340	fatty_acid_and_phospholipid	PGD1661172	NA	DcbrA vs WT	-1.02681	5.02E-12
PA14_63440	relative_phage_transposon	PGD1661190	NA	DcbrA vs WT	1.439474	3.88E-06
PA14_63480	membrane_proteins	PGD1661198	NA	DcbrA vs WT	-1.37408	2.49E-06
PA14_63480	protein_secretion_export	PGD1661198	NA	DcbrA vs WT	-1.37408	2.49E-06
PA14_63480	transport_of_small_molecul	PGD1661198	NA	DcbrA vs WT	-1.37408	2.49E-06
PA14_63530	translation_posttranslational	PGD1661204	selB	DcbrA vs WT	-1.08881	3.00E-06
PA14_63570	energy_metabolism_CAP	PGD1661210	fdnI	DcbrA vs WT	1.016568	4.18E-13
PA14_63640	fatty_acid_and_phospholipid	PGD1661218	fadH2	DcbrA vs WT	-2.90778	2.34E-04
PA14_63700	hypothetical_unclassified	PGD1661226	NA	DcbrA vs WT	-1.77097	0.005922
PA14_63730	membrane_proteins	PGD1661232	NA	DcbrA vs WT	-1.18088	1.70E-04
PA14_63730	transport_of_small_molecul	PGD1661232	NA	DcbrA vs WT	-1.18088	1.70E-04
PA14_63740	hypothetical_unclassified	PGD1661234	NA	DcbrA vs WT	-1.12851	0.009845
PA14_63780	hypothetical_unclassified	PGD1661240	NA	DcbrA vs WT	-2.11587	0.03233
PA14_63840	membrane_proteins	PGD1661248	NA	DcbrA vs WT	-1.17633	3.69E-04
PA14_63860	hypothetical_unclassified	PGD1661252	NA	DcbrA vs WT	-1.38058	7.03E-06
PA14_63880	transcriptional_regulators	PGD1661254	NA	DcbrA vs WT	-1.04366	1.12E-04
PA14_63960	membrane_proteins	PGD1661266	cntO	DcbrA vs WT	-1.22782	9.11E-05
PA14_64080	chaperones_heat_shock	PGD1661282	dipZ	DcbrA vs WT	-1.09926	1.34E-14
PA14_64080	translation_posttranslational	PGD1661282	dipZ	DcbrA vs WT	-1.09926	1.34E-14
PA14_64270	transport_of_small_molecul	PGD1661310	NA	DcbrA vs WT	1.776539	3.83E-04
PA14_64320	transport_of_small_molecul	PGD1661320	NA	DcbrA vs WT	-1.72418	2.27E-19
PA14_64335	central_intermediary_metab	PGD1661322	ureD	DcbrA vs WT	-2.3358	1.37E-04
PA14_64360	transport_of_small_molecul	PGD1661326	NA	DcbrA vs WT	-1.68486	8.13E-05
PA14_64370	central_intermediary_metab	PGD1661328	ureB	DcbrA vs WT	-1.60104	8.50E-07
PA14_64390	central_intermediary_metab	PGD1661330	ureC	DcbrA vs WT	-1.41068	4.66E-11
PA14_64420	hypothetical_unclassified	PGD1661336	NA	DcbrA vs WT	-2.9345	1.08E-04
PA14_64430	hypothetical_unclassified	PGD1661338	NA	DcbrA vs WT	-1.80978	2.13E-12
PA14_64460	adaptation_and_protection	PGD1661344	NA	DcbrA vs WT	-1.27958	1.95E-17
PA14_64480	membrane_proteins	PGD1661348	osmE	DcbrA vs WT	2.250601	7.48E-30
PA14_64520	central_intermediary_metab	PGD1661356	NA	DcbrA vs WT	2.367059	2.23E-50
PA14_64560	hypothetical_unclassified	PGD1661364	NA	DcbrA vs WT	-3.74619	1.57E-04
PA14_64620	energy_metabolism_CAP	PGD1661374	NA	DcbrA vs WT	-1.86543	2.15E-06
PA14_64620	putative_enzymes	PGD1661374	NA	DcbrA vs WT	-1.86543	2.15E-06
PA14_64640	transcriptional_regulators	PGD1661376	NA	DcbrA vs WT	-1.54814	1.20E-06
PA14_64690	membrane_proteins	PGD1661386	NA	DcbrA vs WT	-2.27738	8.07E-05
PA14_64750	membrane_proteins	PGD1661396	NA	DcbrA vs WT	2.356539	1.07E-16
PA14_64750	transport_of_small_molecul	PGD1661396	NA	DcbrA vs WT	2.356539	1.07E-16
PA14_64790	membrane_proteins	PGD1661402	NA	DcbrA vs WT	-2.79419	3.31E-07
PA14_64790	transport_of_small_molecul	PGD1661402	NA	DcbrA vs WT	-2.79419	3.31E-07
PA14_64810	carbon_compound_catabolis	PGD1661406	vanB	DcbrA vs WT	-1.29939	9.67E-04

PA14_64850	amino_acid_biosynthesis_mε	PGD1661412	NA	DcbrA vs WT	-1.69155	1.25E-05
PA14_64860	transport_of_small_moleculε	PGD1661414	NA	DcbrA vs WT	-1.73493	1.08E-07
PA14_64880	membrane_proteins	PGD1661418	NA	DcbrA vs WT	-1.00196	0.004944
PA14_64880	transport_of_small_moleculε	PGD1661418	NA	DcbrA vs WT	-1.00196	0.004944
PA14_64930	nucleotide_biosynthesis_and	PGD1661428	NA	DcbrA vs WT	-1.41521	3.43E-14
PA14_64940	biosynthesis_of_cofactors	PGD1661430	NA	DcbrA vs WT	-2.44422	7.60E-17
PA14_64960	biosynthesis_of_cofactors	PGD1661434	pncB1	DcbrA vs WT	1.280476	1.43E-10
PA14_64990	fatty_acid_and_phospholipid	PGD1661438	NA	DcbrA vs WT	-1.33778	8.08E-05
PA14_65150	translation_posttranslational	PGD1661460	rplI	DcbrA vs WT	-1.382	1.39E-11
PA14_65320	adaptation_and_protection	PGD1661490	miaA	DcbrA vs WT	1.073873	3.74E-08
PA14_65320	translation_posttranslational	PGD1661490	miaA	DcbrA vs WT	1.073873	3.74E-08
PA14_65380	putative_enzymes	PGD1661496	NA	DcbrA vs WT	1.184608	6.20E-08
PA14_65580	membrane_proteins	PGD1661524	NA	DcbrA vs WT	-1.39262	4.29E-05
PA14_65640	hypothetical_unclassified	PGD1661532	NA	DcbrA vs WT	-1.76615	2.11E-14
PA14_65795	amino_acid_biosynthesis_mε	PGD1661554	NA	DcbrA vs WT	-1.40651	1.24E-04
PA14_65820	fatty_acid_and_phospholipid	PGD1661558	NA	DcbrA vs WT	-1.3209	0.011404
PA14_65820	putative_enzymes	PGD1661558	NA	DcbrA vs WT	-1.3209	0.011404
PA14_65870	transport_of_small_moleculε	PGD1661566	NA	DcbrA vs WT	-1.31479	2.25E-06
PA14_65920	transport_of_small_moleculε	PGD1661572	NA	DcbrA vs WT	-1.43387	0.009103
PA14_65940	energy_metabolism_CAP	PGD1661574	NA	DcbrA vs WT	-1.47056	5.74E-08
PA14_65940	putative_enzymes	PGD1661574	NA	DcbrA vs WT	-1.47056	5.74E-08
PA14_65960	cell_wall_LPS	PGD1661578	waaA	DcbrA vs WT	-2.47084	1.14E-18
PA14_66000	energy_metabolism_CAP	PGD1661584	NA	DcbrA vs WT	-1.01921	7.35E-04
PA14_66420	membrane_proteins	PGD1661650	NA	DcbrA vs WT	-2.17814	3.48E-17
PA14_66440	amino_acid_biosynthesis_mε	PGD1661652	metY	DcbrA vs WT	-1.5969	1.03E-17
PA14_66460	adaptation_and_protection	PGD1661656	NA	DcbrA vs WT	-2.35444	3.39E-21
PA14_66530	transcriptional_regulators	PGD1661666	NA	DcbrA vs WT	-2.04782	3.59E-07
PA14_66760	cell_division	PGD1661706	NA	DcbrA vs WT	-1.35121	1.49E-09
PA14_66770	chaperones_heat_shock	PGD1661708	hslV	DcbrA vs WT	1.955947	3.75E-28
PA14_66820	central_intermediary_metab	PGD1661714	phaC1	DcbrA vs WT	1.051738	6.48E-10
PA14_66910	hypothetical_unclassified	PGD1661730	NA	DcbrA vs WT	-1.68964	4.59E-10
PA14_66970	protein_secretion_export	PGD1661740	tatB	DcbrA vs WT	-1.07668	7.14E-04
PA14_67065	cell_wall_LPS	PGD1661756	mdoH	DcbrA vs WT	1.028672	7.83E-21
PA14_67090	putative_enzymes	PGD1661758	mdoG	DcbrA vs WT	1.312381	3.89E-52
PA14_67140	translation_posttranslational	PGD1661768	NA	DcbrA vs WT	-1.41504	0.003706
PA14_67240	amino_acid_biosynthesis_mε	PGD1661786	hutG	DcbrA vs WT	-1.70673	8.69E-19
PA14_67250	amino_acid_biosynthesis_mε	PGD1661788	hutI	DcbrA vs WT	-2.17408	6.34E-18
PA14_67260	central_intermediary_metab	PGD1661790	NA	DcbrA vs WT	-1.77971	6.77E-16
PA14_67280	transport_of_small_moleculε	PGD1661794	NA	DcbrA vs WT	-1.44541	4.65E-17
PA14_67300	transport_of_small_moleculε	PGD1661796	NA	DcbrA vs WT	-1.0294	1.66E-09
PA14_67310	transport_of_small_moleculε	PGD1661798	NA	DcbrA vs WT	-1.78176	2.79E-13
PA14_67320	amino_acid_biosynthesis_mε	PGD1661800	hutH	DcbrA vs WT	-2.63436	4.42E-18
PA14_67320	central_intermediary_metab	PGD1661800	hutH	DcbrA vs WT	-2.63436	4.42E-18
PA14_67340	transport_of_small_moleculε	PGD1661802	NA	DcbrA vs WT	-2.54079	1.16E-34
PA14_67350	amino_acid_biosynthesis_mε	PGD1661804	hutU	DcbrA vs WT	-1.99694	3.96E-19
PA14_67370	transport_of_small_moleculε	PGD1661806	NA	DcbrA vs WT	-1.51503	1.79E-11
PA14_67440	putative_enzymes	PGD1661816	NA	DcbrA vs WT	-1.1705	3.36E-13
PA14_67460	fatty_acid_and_phospholipid	PGD1661820	NA	DcbrA vs WT	1.187953	1.98E-19
PA14_67490	carbon_compound_catabolis	PGD1661824	fbp	DcbrA vs WT	1.176246	2.55E-23
PA14_67490	central_intermediary_metab	PGD1661824	fbp	DcbrA vs WT	1.176246	2.55E-23

PA14_67500	central_intermediary_metab	PGD1661826	gloA3	DcbrA vs WT	1.644988	1.15E-29
PA14_67540	hypothetical_unclassified	PGD1661834	NA	DcbrA vs WT	-2.26607	1.88E-09
PA14_67620	hypothetical_unclassified	PGD1661844	NA	DcbrA vs WT	-1.67343	2.08E-08
PA14_67670	two_component_regulators	PGD1661852	ntrB	DcbrA vs WT	1.068461	1.44E-07
PA14_67820	putative_enzymes	PGD1661874	NA	DcbrA vs WT	-1.16554	3.79E-05
PA14_67830	hypothetical_unclassified	PGD1661876	NA	DcbrA vs WT	-1.03132	5.66E-11
PA14_68100	hypothetical_unclassified	PGD1661922	NA	DcbrA vs WT	-1.06689	0.003099
PA14_68110	antibiotic_resistance_and_su	PGD1661924	NA	DcbrA vs WT	1.540593	5.76E-09
PA14_68120	cell_wall_LPS	PGD1661926	NA	DcbrA vs WT	-1.03806	4.18E-04
PA14_68200	cell_wall_LPS	PGD1661938	rmlA	DcbrA vs WT	1.229798	1.32E-16
PA14_68260	membrane_proteins	PGD1661946	NA	DcbrA vs WT	1.227429	2.06E-08
PA14_68330	amino_acid_biosynthesis_mε	PGD1661954	arcA	DcbrA vs WT	-1.40544	3.04E-07
PA14_68350	amino_acid_biosynthesis_mε	PGD1661958	arcC	DcbrA vs WT	-1.80957	6.18E-12
PA14_68370	putative_enzymes	PGD1661962	cysQ	DcbrA vs WT	-1.13641	2.53E-10
PA14_68370	transport_of_small_moleculε	PGD1661962	cysQ	DcbrA vs WT	-1.13641	2.53E-10
PA14_68400	cell_wall_LPS	PGD1661968	NA	DcbrA vs WT	1.263109	1.16E-15
PA14_68430	putative_enzymes	PGD1661972	NA	DcbrA vs WT	-1.21693	4.98E-12
PA14_68440	energy_metabolism_CAP	PGD1661974	NA	DcbrA vs WT	-1.31459	5.67E-10
PA14_68440	putative_enzymes	PGD1661974	NA	DcbrA vs WT	-1.31459	5.67E-10
PA14_68450	membrane_proteins	PGD1661976	NA	DcbrA vs WT	1.114783	1.28E-04
PA14_68660	transcription_RNA_processin	PGD1662008	rimK	DcbrA vs WT	1.616521	2.03E-30
PA14_68660	translation_posttranslational	PGD1662008	rimK	DcbrA vs WT	1.616521	2.03E-30
PA14_68720	hypothetical_unclassified	PGD1662018	NA	DcbrA vs WT	-2.27126	2.50E-05
PA14_68955	putative_enzymes	PGD1662056	NA	DcbrA vs WT	-1.22765	1.15E-07
PA14_68980	biosynthesis_of_cofactors	PGD1662060	ubiH	DcbrA vs WT	-1.17862	7.27E-10
PA14_68980	energy_metabolism_CAP	PGD1662060	ubiH	DcbrA vs WT	-1.17862	7.27E-10
PA14_69090	membrane_proteins	PGD1662078	NA	DcbrA vs WT	-1.14425	5.30E-08
PA14_69200	energy_metabolism_CAP	PGD1662094	trxA	DcbrA vs WT	1.068163	2.22E-08
PA14_69200	nucleotide_biosynthesis_and	PGD1662094	trxA	DcbrA vs WT	1.068163	2.22E-08
PA14_69200	translation_posttranslational	PGD1662094	trxA	DcbrA vs WT	1.068163	2.22E-08
PA14_69320	membrane_proteins	PGD1662114	NA	DcbrA vs WT	1.428676	1.75E-33
PA14_69330	membrane_proteins	PGD1662116	NA	DcbrA vs WT	1.01472	6.94E-17
PA14_69380	chaperones_heat_shock	PGD1662124	NA	DcbrA vs WT	1.099057	5.94E-09
PA14_69380	translation_posttranslational	PGD1662124	NA	DcbrA vs WT	1.099057	5.94E-09
PA14_69390	transcriptional_regulators	PGD1662126	algQ	DcbrA vs WT	1.066082	6.20E-12
PA14_69560	secreted_factors	PGD1662152	hcpB	DcbrA vs WT	-1.14276	8.34E-08
PA14_69600	hypothetical_unclassified	PGD1662160	NA	DcbrA vs WT	-1.6483	8.17E-16
PA14_69630	transcriptional_regulators	PGD1662166	rnk	DcbrA vs WT	-1.03904	1.65E-10
PA14_69770	transcriptional_regulators	PGD1662188	sutA	DcbrA vs WT	-1.43894	6.87E-24
PA14_69810	antibiotic_resistance_and_su	PGD1662194	glnK	DcbrA vs WT	1.138342	5.86E-15
PA14_69810	central_intermediary_metab	PGD1662194	glnK	DcbrA vs WT	1.138342	5.86E-15
PA14_69850	transport_of_small_moleculε	PGD1662200	NA	DcbrA vs WT	1.7115	7.97E-45
PA14_69880	transcriptional_regulators	PGD1662204	NA	DcbrA vs WT	-1.68394	4.27E-08
PA14_69890	antibiotic_resistance_and_su	PGD1662206	NA	DcbrA vs WT	-1.13552	0.004044
PA14_70010	translation_posttranslational	PGD1662224	NA	DcbrA vs WT	-1.25088	6.77E-16
PA14_70050	hypothetical_unclassified	PGD1662228	NA	DcbrA vs WT	-1.03886	1.89E-10
PA14_70180	translation_posttranslational	PGD1662248	rpmG	DcbrA vs WT	-1.14986	1.35E-07
PA14_70400	hypothetical_unclassified	PGD1662284	NA	DcbrA vs WT	1.639992	4.42E-32
PA14_70480	translation_posttranslational	PGD1662296	NA	DcbrA vs WT	1.216654	3.31E-14
PA14_70510	transport_of_small_moleculε	PGD1662300	NA	DcbrA vs WT	-1.37659	0.013805

PA14_70550	carbon_compound_catabolis	PGD1662304	NA	DcbrA vs WT	-1.40106	3.83E-11
PA14_70590	hypothetical_unclassified	PGD1662312	NA	DcbrA vs WT	1.427866	8.37E-15
PA14_70640	carbon_compound_catabolis	PGD1662320	rubA1	DcbrA vs WT	-1.68802	1.27E-09
PA14_70650	putative_enzymes	PGD1662322	NA	DcbrA vs WT	-2.76582	3.04E-11
PA14_70670	carbon_compound_catabolis	PGD1662324	glcF	DcbrA vs WT	-3.73331	1.04E-25
PA14_70670	central_intermediary_metab	PGD1662324	glcF	DcbrA vs WT	-3.73331	1.04E-25
PA14_70670	energy_metabolism_CAP	PGD1662324	glcF	DcbrA vs WT	-3.73331	1.04E-25
PA14_70680	carbon_compound_catabolis	PGD1662326	glcE	DcbrA vs WT	-3.58693	2.01E-30
PA14_70680	central_intermediary_metab	PGD1662326	glcE	DcbrA vs WT	-3.58693	2.01E-30
PA14_70690	carbon_compound_catabolis	PGD1662328	glcD	DcbrA vs WT	-2.26704	2.51E-21
PA14_70690	central_intermediary_metab	PGD1662328	glcD	DcbrA vs WT	-2.26704	2.51E-21
PA14_70720	biosynthesis_of_cofactors	PGD1662332	ubiC	DcbrA vs WT	-1.91854	1.49E-18
PA14_70720	central_intermediary_metab	PGD1662332	ubiC	DcbrA vs WT	-1.91854	1.49E-18
PA14_70950	adaptation_and_protection	PGD1662374	betB	DcbrA vs WT	1.440396	1.74E-07
PA14_70950	amino_acid_biosynthesis_mε	PGD1662374	betB	DcbrA vs WT	1.440396	1.74E-07
PA14_71080	hypothetical_unclassified	PGD1662390	NA	DcbrA vs WT	-1.38093	1.90E-06
PA14_71100	membrane_proteins	PGD1662394	NA	DcbrA vs WT	-4.33225	2.55E-12
PA14_71170	transcriptional_regulators	PGD1662406	NA	DcbrA vs WT	-1.0547	4.00E-04
PA14_71250	hypothetical_unclassified	PGD1662422	NA	DcbrA vs WT	-1.82637	0.006326
PA14_71280	amino_acid_biosynthesis_mε	PGD1662426	NA	DcbrA vs WT	-2.28158	5.06E-08
PA14_71280	energy_metabolism_CAP	PGD1662426	NA	DcbrA vs WT	-2.28158	5.06E-08
PA14_71300	energy_metabolism_CAP	PGD1662428	NA	DcbrA vs WT	-3.53055	8.17E-05
PA14_71350	hypothetical_unclassified	PGD1662438	NA	DcbrA vs WT	-3.45415	0.018154
PA14_71380	hypothetical_unclassified	PGD1662444	NA	DcbrA vs WT	-1.34768	8.06E-08
PA14_71390	membrane_proteins	PGD1662446	NA	DcbrA vs WT	-1.40666	3.39E-12
PA14_71400	hypothetical_unclassified	PGD1662448	NA	DcbrA vs WT	-3.22176	5.78E-08
PA14_71410	transport_of_small_moleculε	PGD1662450	NA	DcbrA vs WT	-2.43111	2.31E-04
PA14_71450	hypothetical_unclassified	PGD1662458	NA	DcbrA vs WT	-1.1992	4.55E-06
PA14_71460	amino_acid_biosynthesis_mε	PGD1662460	glyA1	DcbrA vs WT	-2.42227	1.05E-05
PA14_71470	amino_acid_biosynthesis_mε	PGD1662462	soxB	DcbrA vs WT	-1.45554	1.06E-04
PA14_71470	carbon_compound_catabolis	PGD1662462	soxB	DcbrA vs WT	-1.45554	1.06E-04
PA14_71490	amino_acid_biosynthesis_mε	PGD1662464	soxD	DcbrA vs WT	-4.37543	0.001918
PA14_71490	carbon_compound_catabolis	PGD1662464	soxD	DcbrA vs WT	-4.37543	0.001918
PA14_71500	carbon_compound_catabolis	PGD1662466	soxA	DcbrA vs WT	-2.01275	5.98E-08
PA14_71510	amino_acid_biosynthesis_mε	PGD1662468	soxG	DcbrA vs WT	-1.49281	0.005283
PA14_71510	carbon_compound_catabolis	PGD1662468	soxG	DcbrA vs WT	-1.49281	0.005283
PA14_71530	nucleotide_biosynthesis_and	PGD1662470	purU2	DcbrA vs WT	-1.26934	0.012249
PA14_71560	amino_acid_biosynthesis_mε	PGD1662472	fdhA	DcbrA vs WT	-2.49594	8.65E-10
PA14_71580	hypothetical_unclassified	PGD1662476	NA	DcbrA vs WT	1.014985	4.41E-07
PA14_71600	nucleotide_biosynthesis_and	PGD1662480	purK	DcbrA vs WT	-1.49405	1.41E-11
PA14_71630	carbon_compound_catabolis	PGD1662484	adhA	DcbrA vs WT	-2.21294	1.71E-20
PA14_71700	transport_of_small_moleculε	PGD1662496	NA	DcbrA vs WT	-1.29884	0.029401
PA14_71720	central_intermediary_metab	PGD1662500	NA	DcbrA vs WT	-1.32848	1.92E-09
PA14_71740	central_intermediary_metab	PGD1662502	NA	DcbrA vs WT	-2.09271	2.64E-18
PA14_71760	hypothetical_unclassified	PGD1662506	NA	DcbrA vs WT	-1.29406	7.34E-05
PA14_71890	fatty_acid_and_phospholipid	PGD1662524	NA	DcbrA vs WT	1.020205	1.17E-08
PA14_71890	putative_enzymes	PGD1662524	NA	DcbrA vs WT	1.020205	1.17E-08
PA14_71900	hypothetical_unclassified	PGD1662526	NA	DcbrA vs WT	-1.62914	8.28E-18
PA14_72030	hypothetical_unclassified	PGD1662548	NA	DcbrA vs WT	-1.58527	2.19E-17
PA14_72200	translation_posttranslational	PGD1662574	prfH	DcbrA vs WT	-1.91875	0.018482



PA14_72260	transport_of_small_molecule	PGD1662584	NA	DcbrA vs WT	-1.66186	2.21E-11
PA14_72280	transport_of_small_molecule	PGD1662586	citA	DcbrA vs WT	2.101339	5.42E-22
PA14_72300	membrane_proteins	PGD1662588	NA	DcbrA vs WT	1.487255	1.14E-16
PA14_72340	transport_of_small_molecule	PGD1662592	gltP	DcbrA vs WT	1.122761	1.14E-10
PA14_72360	hypothetical_unclassified	PGD1662596	NA	DcbrA vs WT	1.079326	1.66E-04
PA14_72370	membrane_proteins	PGD1662598	NA	DcbrA vs WT	1.986276	1.11E-09
PA14_72390	two_component_regulators	PGD1662602	NA	DcbrA vs WT	1.224941	8.07E-16
PA14_72410	antibiotic_resistance_and_su	PGD1662606	NA	DcbrA vs WT	-1.07303	4.34E-05
PA14_72460	energy_metabolism_CAP	PGD1662614	cc4	DcbrA vs WT	-1.61606	6.78E-19
PA14_72500	hypothetical_unclassified	PGD1662622	NA	DcbrA vs WT	-1.50002	4.17E-09
PA14_72550	motility_and_attachment	PGD1662630	NA	DcbrA vs WT	-1.08452	1.97E-11
PA14_72550	transport_of_small_molecule	PGD1662630	NA	DcbrA vs WT	-1.08452	1.97E-11
PA14_72600	fatty_acid_and_phospholipid	PGD1662638	NA	DcbrA vs WT	-1.39137	1.12E-14
PA14_72650	transcriptional_regulators	PGD1662646	NA	DcbrA vs WT	-1.70301	2.95E-05
PA14_72690	amino_acid_biosynthesis_mε	PGD1662650	NA	DcbrA vs WT	-2.12051	3.14E-06
PA14_72760	adaptation_and_protection	PGD1662662	NA	DcbrA vs WT	1.7935	4.46E-29
PA14_72760	antibiotic_resistance_and_su	PGD1662662	NA	DcbrA vs WT	1.7935	4.46E-29
PA14_72760	putative_enzymes	PGD1662662	NA	DcbrA vs WT	1.7935	4.46E-29
PA14_72780	biosynthesis_of_cofactors	PGD1662666	pdxY	DcbrA vs WT	1.034064	1.86E-16
PA14_72870	biosynthesis_of_cofactors	PGD1662682	NA	DcbrA vs WT	1.757435	1.17E-53
PA14_72870	putative_enzymes	PGD1662682	NA	DcbrA vs WT	1.757435	1.17E-53
PA14_72900	fatty_acid_and_phospholipid	PGD1662688	NA	DcbrA vs WT	1.829525	1.73E-25
PA14_72960	transport_of_small_molecule	PGD1662696	NA	DcbrA vs WT	1.634703	5.43E-06
PA14_72990	hypothetical_unclassified	PGD1662702	NA	DcbrA vs WT	1.005857	8.99E-09
PA14_73000	hypothetical_unclassified	PGD1662704	NA	DcbrA vs WT	-1.02856	0.023347
PA14_73060	transport_of_small_molecule	PGD1662716	NA	DcbrA vs WT	1.219841	1.03E-05
PA14_73100	hypothetical_unclassified	PGD1662722	NA	DcbrA vs WT	-2.35439	0.00135
PA14_73390	hypothetical_unclassified	PGD1662768	NA	DcbrA vs WT	1.0773	0.006697
NA	NA	PGD55179284	NA	DcbrA vs WT	1.080912	2.38E-05
NA	NA	PGD55179286	NA	DcbrA vs WT	1.242431	1.26E-04
PA14_00080	membrane_proteins	PGD1650847	NA	DrhIR vs WT	-1.28052	3.05E-16
PA14_00210	putative_enzymes	PGD1650873	NA	DrhIR vs WT	1.197144	6.05E-11
PA14_00230	DNA_replication_recombinat	PGD1650875	NA	DrhIR vs WT	1.094483	0.003053
PA14_00230	membrane_proteins	PGD1650875	NA	DrhIR vs WT	1.094483	0.003053
PA14_00470	hypothetical_unclassified	PGD1650911	NA	DrhIR vs WT	1.297408	3.82E-13
PA14_00640	putative_enzymes	PGD1650939	phzH	DrhIR vs WT	-4.50652	4.87E-32
PA14_00650	hypothetical_unclassified	PGD1650941	NA	DrhIR vs WT	-1.72998	2.13E-29
PA14_00700	antibiotic_resistance_and_su	PGD1650951	NA	DrhIR vs WT	-1.33672	0.012006
PA14_00700	biosynthesis_of_cofactors	PGD1650951	NA	DrhIR vs WT	-1.33672	0.012006
PA14_00710	adaptation_and_protection	PGD1650953	osmC	DrhIR vs WT	1.039208	5.08E-04
PA14_00720	hypothetical_unclassified	PGD1650955	NA	DrhIR vs WT	1.081437	2.33E-15
PA14_01490	adaptation_and_protection	PGD1651083	NA	DrhIR vs WT	-4.4383	1.74E-43
PA14_01490	putative_enzymes	PGD1651083	NA	DrhIR vs WT	-4.4383	1.74E-43
PA14_02130	hypothetical_unclassified	PGD1651179	NA	DrhIR vs WT	1.051722	0.037936
PA14_02180	chemotaxis	PGD1651185	cheB	DrhIR vs WT	-1.32715	9.72E-06
PA14_02220	chemotaxis	PGD1651191	NA	DrhIR vs WT	-1.193	4.62E-12
PA14_02380	fatty_acid_and_phospholipid	PGD1651215	NA	DrhIR vs WT	1.115005	0.00453
PA14_02380	putative_enzymes	PGD1651215	NA	DrhIR vs WT	1.115005	0.00453
PA14_02520	hypothetical_unclassified	PGD1651237	NA	DrhIR vs WT	-2.14065	2.29E-15
PA14_02760	carbon_compound_catabolis	PGD1651277	NA	DrhIR vs WT	-2.26244	3.21E-16

PA14_02770	carbon_compound_catabolis	PGD1651279	NA	DrhIR vs WT	-2.87079	5.60E-13
PA14_02790	carbon_compound_catabolis	PGD1651281	pcaF	DrhIR vs WT	-2.58714	1.60E-20
PA14_02790	fatty_acid_and_phospholipid	PGD1651281	pcaF	DrhIR vs WT	-2.58714	1.60E-20
PA14_02840	carbon_compound_catabolis	PGD1651287	pcaD	DrhIR vs WT	1.102282	0.006298
PA14_02900	carbon_compound_catabolis	PGD1651295	pcaK	DrhIR vs WT	-2.37738	4.95E-17
PA14_02900	membrane_proteins	PGD1651295	pcaK	DrhIR vs WT	-2.37738	4.95E-17
PA14_02900	transport_of_small_molecul	PGD1651295	pcaK	DrhIR vs WT	-2.37738	4.95E-17
PA14_02910	transcriptional_regulators	PGD1651297	NA	DrhIR vs WT	-1.42359	2.50E-10
PA14_02970	membrane_proteins	PGD1651303	NA	DrhIR vs WT	2.642121	2.77E-17
PA14_03050	carbon_compound_catabolis	PGD1651319	pobA	DrhIR vs WT	-1.18377	0.001415
PA14_03110	hypothetical_unclassified	PGD1651329	NA	DrhIR vs WT	3.297038	4.33E-21
PA14_03450	amino_acid_biosynthesis_m	PGD1651395	gabT	DrhIR vs WT	1.128999	9.14E-08
PA14_03450	carbon_compound_catabolis	PGD1651395	gabT	DrhIR vs WT	1.128999	9.14E-08
PA14_03450	central_intermediary_metab	PGD1651395	gabT	DrhIR vs WT	1.128999	9.14E-08
PA14_03490	carbon_compound_catabolis	PGD1651401	NA	DrhIR vs WT	-3.68515	2.52E-97
PA14_03510	hypothetical_unclassified	PGD1651403	NA	DrhIR vs WT	-3.65627	1.81E-38
PA14_03520	hypothetical_unclassified	PGD1651405	NA	DrhIR vs WT	-3.71292	2.03E-40
PA14_03855	transport_of_small_molecul	PGD1651453	NA	DrhIR vs WT	1.639552	4.05E-13
PA14_04040	hypothetical_unclassified	PGD1651483	NA	DrhIR vs WT	1.031933	2.89E-15
PA14_04180	hypothetical_unclassified	PGD1651505	NA	DrhIR vs WT	1.517768	4.49E-04
PA14_04290	amino_acid_biosynthesis_m	PGD1651521	NA	DrhIR vs WT	1.008583	1.04E-08
PA14_04290	membrane_proteins	PGD1651521	NA	DrhIR vs WT	1.008583	1.04E-08
PA14_04530	hypothetical_unclassified	PGD1651559	NA	DrhIR vs WT	1.111833	4.84E-09
PA14_04640	transport_of_small_molecul	PGD1651575	NA	DrhIR vs WT	1.273199	4.92E-11
PA14_04650	translation_posttranslational	PGD1651577	pfpl	DrhIR vs WT	1.429884	5.87E-13
PA14_04970	biosynthesis_of_cofactors	PGD1651631	NA	DrhIR vs WT	-1.14432	3.38E-04
PA14_05050	nucleotide_biosynthesis_and	PGD1651645	NA	DrhIR vs WT	-1.17057	1.80E-08
PA14_05070	amino_acid_biosynthesis_m	PGD1651649	NA	DrhIR vs WT	-1.24587	1.28E-07
PA14_05110	hypothetical_unclassified	PGD1651653	NA	DrhIR vs WT	1.85468	6.26E-23
PA14_05340	chemotaxis	PGD1651693	pill	DrhIR vs WT	1.086258	6.62E-07
PA14_05340	motility_and_attachment	PGD1651693	pill	DrhIR vs WT	1.086258	6.62E-07
PA14_05360	chemotaxis	PGD1651695	pilJ	DrhIR vs WT	1.21239	7.05E-12
PA14_05510	membrane_proteins	PGD1651719	NA	DrhIR vs WT	1.473221	4.10E-13
PA14_05510	secreted_factors	PGD1651719	NA	DrhIR vs WT	1.473221	4.10E-13
PA14_05630	hypothetical_unclassified	PGD1651739	NA	DrhIR vs WT	1.219994	3.23E-04
PA14_05640	membrane_proteins	PGD1651741	NA	DrhIR vs WT	1.191811	3.78E-05
PA14_05660	transcriptional_regulators	PGD1651745	NA	DrhIR vs WT	-1.53568	2.09E-23
PA14_05880	membrane_proteins	PGD1651773	NA	DrhIR vs WT	-1.49403	3.43E-07
PA14_05890	membrane_proteins	PGD1651775	NA	DrhIR vs WT	-1.59707	3.62E-12
PA14_06120	amino_acid_biosynthesis_m	PGD1651805	NA	DrhIR vs WT	-1.20646	5.31E-05
PA14_06260	transcriptional_regulators	PGD1651829	NA	DrhIR vs WT	-1.73205	6.63E-14
PA14_06350	fatty_acid_and_phospholipid	PGD1651847	NA	DrhIR vs WT	-1.20247	1.35E-05
PA14_06360	nucleotide_biosynthesis_and	PGD1651849	NA	DrhIR vs WT	1.692457	4.08E-07
PA14_06360	putative_enzymes	PGD1651849	NA	DrhIR vs WT	1.692457	4.08E-07
PA14_06390	hypothetical_unclassified	PGD1651851	NA	DrhIR vs WT	1.247876	8.95E-08
PA14_06430	putative_enzymes	PGD1651857	NA	DrhIR vs WT	1.206403	0.014227
PA14_06500	biosynthesis_of_cofactors	PGD1651865	bioB	DrhIR vs WT	1.271527	3.37E-19
PA14_06740	energy_metabolism_CAP	PGD1651901	nirM	DrhIR vs WT	-1.26729	1.47E-05
PA14_06770	central_intermediary_metab	PGD1651905	nirQ	DrhIR vs WT	-1.61477	8.60E-08
PA14_06770	energy_metabolism_CAP	PGD1651905	nirQ	DrhIR vs WT	-1.61477	8.60E-08

PA14_06790	energy_metabolism_CAP	PGD1651907	NA	DrhIR vs WT	-1.83883	1.30E-08
PA14_06800	hypothetical_unclassified	PGD1651909	NA	DrhIR vs WT	-1.97212	3.11E-06
PA14_06840	energy_metabolism_CAP	PGD1651915	NA	DrhIR vs WT	-1.89973	1.30E-12
NA	NA	PGD1651922	NA	DrhIR vs WT	-1.86716	5.11E-04
PA14_06890	biosynthesis_of_cofactors	PGD1651925	NA	DrhIR vs WT	1.322074	1.58E-06
PA14_06930	transport_of_small_molecule	PGD1651931	NA	DrhIR vs WT	1.255958	3.45E-04
PA14_06970	transcriptional_regulators	PGD1651939	NA	DrhIR vs WT	-1.30288	1.58E-16
PA14_07200	hypothetical_unclassified	PGD1651975	NA	DrhIR vs WT	1.055234	1.12E-11
PA14_07370	membrane_proteins	PGD1652003	NA	DrhIR vs WT	1.160613	3.43E-07
PA14_07850	transport_of_small_molecule	PGD1652079	NA	DrhIR vs WT	1.807391	1.75E-16
PA14_08020	relative_phage_transposon	PGD1652109	NA	DrhIR vs WT	1.697303	0.019396
PA14_08030	relative_phage_transposon	PGD1652111	NA	DrhIR vs WT	1.274903	0.007206
PA14_08040	relative_phage_transposon	PGD1652113	NA	DrhIR vs WT	2.137213	0.003113
PA14_08150	relative_phage_transposon	PGD1652133	NA	DrhIR vs WT	1.439619	0.002987
PA14_08190	hypothetical_unclassified	PGD1652139	NA	DrhIR vs WT	1.745089	0.039307
PA14_08210	relative_phage_transposon	PGD1652143	NA	DrhIR vs WT	1.287566	0.001116
PA14_08220	hypothetical_unclassified	PGD1652145	NA	DrhIR vs WT	1.034659	0.029902
PA14_08270	hypothetical_unclassified	PGD1652155	NA	DrhIR vs WT	1.992174	5.27E-04
NA	NA	PGD1652210	NA	DrhIR vs WT	-1.3988	0.03999
NA	NA	PGD1652224	NA	DrhIR vs WT	-1.073	0.001517
PA14_09400	putative_enzymes	PGD1652351	phzS	DrhIR vs WT	-2.61441	8.11E-19
PA14_09410	secreted_factors	PGD1652353	phzG1	DrhIR vs WT	-2.98149	4.15E-05
PA14_09440	secreted_factors	PGD1652357	phzE1	DrhIR vs WT	-5.13055	9.49E-29
PA14_09450	secreted_factors	PGD1652359	phzD1	DrhIR vs WT	-5.53163	4.21E-06
PA14_09460	secreted_factors	PGD1652361	phzC1	DrhIR vs WT	-2.61788	2.55E-06
PA14_09470	secreted_factors	PGD1652363	phzB1	DrhIR vs WT	-1.8119	3.92E-05
PA14_09480	secreted_factors	PGD1652365	phzA1	DrhIR vs WT	-4.38846	1.50E-09
PA14_09490	putative_enzymes	PGD1652367	phzM	DrhIR vs WT	-1.91041	6.26E-19
PA14_09500	membrane_proteins	PGD1652369	opmD	DrhIR vs WT	-4.20801	4.96E-22
PA14_09500	transport_of_small_molecule	PGD1652369	opmD	DrhIR vs WT	-4.20801	4.96E-22
PA14_09520	transport_of_small_molecule	PGD1652371	mexI	DrhIR vs WT	-3.48753	1.45E-52
PA14_09530	transport_of_small_molecule	PGD1652373	mexH	DrhIR vs WT	-4.79967	9.72E-23
PA14_09540	membrane_proteins	PGD1652375	mexG	DrhIR vs WT	-4.56818	5.37E-22
PA14_09870	hypothetical_unclassified	PGD1652419	eftM	DrhIR vs WT	1.298279	3.12E-05
PA14_09880	hypothetical_unclassified	PGD1652421	NA	DrhIR vs WT	1.584475	4.98E-04
PA14_09900	putative_enzymes	PGD1652425	prpL	DrhIR vs WT	2.130775	7.32E-15
PA14_09900	secreted_factors	PGD1652425	prpL	DrhIR vs WT	2.130775	7.32E-15
PA14_09930	DNA_replication_recombinat	PGD1652431	NA	DrhIR vs WT	1.139667	6.58E-05
PA14_09970	transport_of_small_molecule	PGD1652439	fpvB	DrhIR vs WT	1.163026	1.50E-04
PA14_10140	transport_of_small_molecule	PGD1652465	fepG	DrhIR vs WT	1.184852	0.035775
PA14_10170	transport_of_small_molecule	PGD1652469	fepB	DrhIR vs WT	1.259107	0.001257
PA14_10200	membrane_proteins	PGD1652475	NA	DrhIR vs WT	1.2589	5.00E-04
PA14_10340	protein_secretion_export	PGD1652501	NA	DrhIR vs WT	1.061008	3.14E-05
PA14_10360	hypothetical_unclassified	PGD1652505	NA	DrhIR vs WT	-4.13398	8.27E-86
PA14_10370	fatty_acid_and_phospholipid	PGD1652507	NA	DrhIR vs WT	1.39664	3.57E-07
PA14_10380	hypothetical_unclassified	PGD1652509	NA	DrhIR vs WT	1.082832	2.16E-12
PA14_10490	hypothetical_unclassified	PGD1652523	NA	DrhIR vs WT	-1.46202	1.16E-35
PA14_10910	transport_of_small_molecule	PGD1652589	NA	DrhIR vs WT	-1.24956	0.008563
PA14_10990	carbon_compound_catabolis	PGD1652603	hpaC	DrhIR vs WT	-1.35914	1.82E-04
PA14_11010	hypothetical_unclassified	PGD1652607	NA	DrhIR vs WT	1.598788	1.22E-05

PA14_11050	hypothetical_unclassified	PGD1652613	NA	DrhIR vs WT	-1.33927	0.024043
PA14_11130	putative_enzymes	PGD1652629	NA	DrhIR vs WT	-1.74446	1.68E-28
PA14_11140	biosynthesis_of_cofactors	PGD1652631	NA	DrhIR vs WT	-4.41119	3.17E-84
PA14_11170	hypothetical_unclassified	PGD1652637	NA	DrhIR vs WT	-1.01861	1.46E-09
PA14_11240	transcriptional_regulators	PGD1652647	NA	DrhIR vs WT	-1.42296	2.47E-20
PA14_11620	transport_of_small_molecule	PGD1652711	NA	DrhIR vs WT	-1.10752	0.002058
PA14_12440	transcriptional_regulators	PGD1652837	NA	DrhIR vs WT	-1.42295	1.28E-07
PA14_12620	hypothetical_unclassified	PGD1652859	NA	DrhIR vs WT	1.153558	8.35E-17
PA14_12750	hypothetical_unclassified	PGD1652881	NA	DrhIR vs WT	1.001081	2.10E-07
PA14_12960	transport_of_small_molecule	PGD1652911	NA	DrhIR vs WT	1.577681	0.003174
PA14_13050	hypothetical_unclassified	PGD1652927	NA	DrhIR vs WT	-2.02676	1.71E-11
PA14_13170	transport_of_small_molecule	PGD1652943	NA	DrhIR vs WT	-4.12025	3.82E-63
PA14_13210	hypothetical_unclassified	PGD1652949	NA	DrhIR vs WT	-3.126	5.76E-45
PA14_13230	biosynthesis_of_cofactors	PGD1652953	moaC	DrhIR vs WT	-1.52397	3.89E-22
PA14_13240	biosynthesis_of_cofactors	PGD1652955	moaD	DrhIR vs WT	-1.90213	5.74E-11
PA14_13250	biosynthesis_of_cofactors	PGD1652957	moaE	DrhIR vs WT	-2.63329	1.43E-31
PA14_13260	biosynthesis_of_cofactors	PGD1652959	moaB1	DrhIR vs WT	-2.39955	1.26E-19
PA14_13280	biosynthesis_of_cofactors	PGD1652961	moeA1	DrhIR vs WT	-2.82244	2.41E-19
PA14_13290	translation_posttranslational	PGD1652963	NA	DrhIR vs WT	-1.4034	8.23E-08
PA14_13300	translation_posttranslational	PGD1652965	NA	DrhIR vs WT	-1.4163	6.50E-07
PA14_13320	fatty_acid_and_phospholipid	PGD1652967	NA	DrhIR vs WT	-1.16282	1.50E-04
PA14_13450	membrane_proteins	PGD1652989	NA	DrhIR vs WT	1.200027	0.012895
PA14_13460	transcriptional_regulators	PGD1652991	NA	DrhIR vs WT	1.665206	0.0013
PA14_13580	transport_of_small_molecule	PGD1653007	NA	DrhIR vs WT	2.04148	3.03E-13
PA14_13590	membrane_proteins	PGD1653009	NA	DrhIR vs WT	2.447011	4.16E-19
PA14_13590	transport_of_small_molecule	PGD1653009	NA	DrhIR vs WT	2.447011	4.16E-19
PA14_13600	transport_of_small_molecule	PGD1653011	NA	DrhIR vs WT	1.551596	1.89E-11
PA14_13610	membrane_proteins	PGD1653013	NA	DrhIR vs WT	1.644964	4.55E-16
PA14_13610	transport_of_small_molecule	PGD1653013	NA	DrhIR vs WT	1.644964	4.55E-16
PA14_13630	hypothetical_unclassified	PGD1653017	NA	DrhIR vs WT	1.238124	4.49E-09
PA14_13750	membrane_proteins	PGD1653037	narK1	DrhIR vs WT	-1.92649	3.69E-14
PA14_13750	transport_of_small_molecule	PGD1653037	narK1	DrhIR vs WT	-1.92649	3.69E-14
PA14_13770	transport_of_small_molecule	PGD1653039	narK2	DrhIR vs WT	-2.24195	5.53E-20
PA14_13780	energy_metabolism_CAP	PGD1653041	narG	DrhIR vs WT	-2.01336	1.40E-19
PA14_13800	energy_metabolism_CAP	PGD1653043	narH	DrhIR vs WT	-1.43133	2.21E-09
PA14_13810	energy_metabolism_CAP	PGD1653045	narJ	DrhIR vs WT	-1.7431	4.04E-07
PA14_13830	energy_metabolism_CAP	PGD1653047	narI	DrhIR vs WT	-1.20287	1.82E-05
PA14_13840	chaperones_heat_shock	PGD1653049	NA	DrhIR vs WT	-1.93667	8.60E-09
PA14_13840	translation_posttranslational	PGD1653049	NA	DrhIR vs WT	-1.93667	8.60E-09
PA14_13920	hypothetical_unclassified	PGD1653063	NA	DrhIR vs WT	1.278527	0.002133
PA14_13950	hypothetical_unclassified	PGD1653067	NA	DrhIR vs WT	-1.18834	0.021004
PA14_13990	transport_of_small_molecule	PGD1653073	NA	DrhIR vs WT	-1.07405	2.52E-13
PA14_14270	putative_enzymes	PGD1653111	NA	DrhIR vs WT	-1.18242	4.16E-10
PA14_14320	hypothetical_unclassified	PGD1653121	NA	DrhIR vs WT	-1.07183	0.023121
PA14_14330	chaperones_heat_shock	PGD1653123	NA	DrhIR vs WT	1.693734	1.64E-04
PA14_14330	protein_secretion_export	PGD1653123	NA	DrhIR vs WT	1.693734	1.64E-04
PA14_14330	secreted_factors	PGD1653123	NA	DrhIR vs WT	1.693734	1.64E-04
PA14_14975	hypothetical_unclassified	PGD1653225	NA	DrhIR vs WT	-1.21972	1.97E-11
PA14_15710	hypothetical_unclassified	PGD1653349	NA	DrhIR vs WT	-1.48579	2.72E-04
PA14_15770	hypothetical_unclassified	PGD1653357	NA	DrhIR vs WT	1.135341	2.63E-10

PA14_16010	fatty_acid_and_phospholipid	PGD1653399	NA	DrhIR vs WT	1.349643	0.009161
PA14_16100	hypothetical_unclassified	PGD1653413	NA	DrhIR vs WT	-3.16725	4.09E-49
PA14_16250	amino_acid_biosynthesis_mε	PGD1653435	lasB	DrhIR vs WT	-2.44443	1.70E-15
PA14_16250	secreted_factors	PGD1653435	lasB	DrhIR vs WT	-2.44443	1.70E-15
PA14_16250	translation_posttranslational	PGD1653435	lasB	DrhIR vs WT	-2.44443	1.70E-15
PA14_16310	membrane_proteins	PGD1653447	NA	DrhIR vs WT	-2.45554	7.32E-15
PA14_16310	transport_of_small_molecule	PGD1653447	NA	DrhIR vs WT	-2.45554	7.32E-15
PA14_16630	membrane_proteins	PGD1653499	NA	DrhIR vs WT	1.732071	5.71E-11
PA14_16630	transport_of_small_molecule	PGD1653499	NA	DrhIR vs WT	1.732071	5.71E-11
PA14_16680	hypothetical_unclassified	PGD1653507	NA	DrhIR vs WT	-1.29653	2.12E-14
PA14_16800	transport_of_small_molecule	PGD1653529	NA	DrhIR vs WT	1.271865	2.32E-13
PA14_16820	antibiotic_resistance_and_su	PGD1653531	NA	DrhIR vs WT	1.26712	6.52E-25
PA14_16990	hypothetical_unclassified	PGD1653559	NA	DrhIR vs WT	1.73619	1.51E-05
PA14_17410	putative_enzymes	PGD1653627	NA	DrhIR vs WT	-1.19245	2.73E-04
PA14_17910	putative_enzymes	PGD1653711	NA	DrhIR vs WT	1.759699	9.86E-11
PA14_18020	secreted_factors	PGD1653727	NA	DrhIR vs WT	1.697624	1.24E-24
PA14_18090	adaptation_and_protection	PGD1653739	NA	DrhIR vs WT	1.059863	5.13E-06
PA14_18090	transport_of_small_molecule	PGD1653739	NA	DrhIR vs WT	1.059863	5.13E-06
PA14_18100	hypothetical_unclassified	PGD1653741	NA	DrhIR vs WT	1.08328	0.002522
PA14_18120	amino_acid_biosynthesis_mε	PGD1653745	mmsA	DrhIR vs WT	1.255792	8.68E-24
PA14_18800	transport_of_small_molecule	PGD1653845	NA	DrhIR vs WT	-4.9356	2.01E-50
PA14_18810	hypothetical_unclassified	PGD1653847	NA	DrhIR vs WT	-2.02493	1.79E-11
PA14_19100	secreted_factors	PGD1653891	rhIA	DrhIR vs WT	-6.66302	9.49E-37
PA14_19120	transcriptional_regulators	PGD1653895	rhIR	DrhIR vs WT	-5.05362	2.12E-36
PA14_19140	amino_acid_biosynthesis_mε	PGD1653899	pheC	DrhIR vs WT	-1.07175	6.41E-13
PA14_19270	transport_of_small_molecule	PGD1653915	NA	DrhIR vs WT	-1.64663	1.84E-05
PA14_19350	carbon_compound_catabolis	PGD1653927	NA	DrhIR vs WT	1.490186	2.96E-09
PA14_19360	putative_enzymes	PGD1653929	NA	DrhIR vs WT	1.128888	1.08E-05
PA14_19500	transport_of_small_molecule	PGD1653951	NA	DrhIR vs WT	1.132595	0.016706
PA14_19510	transport_of_small_molecule	PGD1653953	NA	DrhIR vs WT	1.025298	0.044136
PA14_19520	transport_of_small_molecule	PGD1653955	NA	DrhIR vs WT	1.841472	0.001061
PA14_19540	transport_of_small_molecule	PGD1653959	NA	DrhIR vs WT	1.241882	0.002675
PA14_19560	central_intermediary_metab	PGD1653961	ssuD	DrhIR vs WT	1.365051	0.014632
PA14_19570	transport_of_small_molecule	PGD1653963	NA	DrhIR vs WT	1.323364	0.030562
PA14_19580	transport_of_small_molecule	PGD1653965	ssuB	DrhIR vs WT	1.514835	0.04388
PA14_19590	central_intermediary_metab	PGD1653967	NA	DrhIR vs WT	1.989776	0.001656
PA14_19850	transcriptional_regulators	PGD1654009	NA	DrhIR vs WT	-1.21127	5.59E-04
PA14_19900	energy_metabolism_CAP	PGD1654015	NA	DrhIR vs WT	-1.25579	6.41E-07
PA14_19910	energy_metabolism_CAP	PGD1654017	NA	DrhIR vs WT	-1.26741	4.59E-08
PA14_19920	energy_metabolism_CAP	PGD1654019	NA	DrhIR vs WT	-1.51964	3.89E-14
PA14_19970	hypothetical_unclassified	PGD1654029	NA	DrhIR vs WT	1.165049	0.013218
PA14_19990	transcriptional_regulators	PGD1654031	NA	DrhIR vs WT	2.387312	1.08E-05
PA14_20000	membrane_proteins	PGD1654033	NA	DrhIR vs WT	2.015287	2.70E-04
PA14_20010	transport_of_small_molecule	PGD1654035	hasR	DrhIR vs WT	3.688214	7.84E-11
PA14_20020	transport_of_small_molecule	PGD1654037	hasAp	DrhIR vs WT	4.957392	6.10E-14
PA14_20030	protein_secretion_export	PGD1654039	hasD	DrhIR vs WT	3.814278	1.20E-08
PA14_20040	protein_secretion_export	PGD1654041	hasE	DrhIR vs WT	3.747566	5.29E-08
PA14_20050	protein_secretion_export	PGD1654043	NA	DrhIR vs WT	2.979905	3.38E-09
PA14_20300	transport_of_small_molecule	PGD1654085	phnC	DrhIR vs WT	1.660332	1.25E-08
PA14_20320	transport_of_small_molecule	PGD1654087	phnD	DrhIR vs WT	3.091122	1.75E-08

PA14_20330	transport_of_small_molecule	PGD1654089	phnE	DrhIR vs WT	2.380909	8.16E-05
PA14_20380	transport_of_small_molecule	PGD1654097	phnI	DrhIR vs WT	1.599935	0.014121
PA14_20390	transport_of_small_molecule	PGD1654099	phnJ	DrhIR vs WT	1.907979	6.09E-04
PA14_20460	hypothetical_unclassified	PGD1654111	NA	DrhIR vs WT	1.090387	1.28E-07
PA14_20610	motility_and_attachment	PGD1654139	lecB	DrhIR vs WT	-6.61888	1.00E-26
PA14_20900	membrane_proteins	PGD1654189	NA	DrhIR vs WT	-2.36035	6.37E-18
PA14_20920	hypothetical_unclassified	PGD1654191	NA	DrhIR vs WT	-1.73696	1.38E-22
PA14_20940	fatty_acid_and_phospholipid	PGD1654193	NA	DrhIR vs WT	-3.29788	7.28E-23
PA14_20950	fatty_acid_and_phospholipid	PGD1654195	fabH2	DrhIR vs WT	-3.25146	6.91E-26
PA14_20960	putative_enzymes	PGD1654197	NA	DrhIR vs WT	-2.92364	6.09E-15
PA14_20970	adaptation_and_protection	PGD1654199	cyp23	DrhIR vs WT	-3.05997	5.08E-23
PA14_20980	putative_enzymes	PGD1654201	NA	DrhIR vs WT	-3.24626	9.22E-31
PA14_21000	hypothetical_unclassified	PGD1654203	NA	DrhIR vs WT	-2.9615	4.81E-26
PA14_21010	energy_metabolism_CAP	PGD1654205	NA	DrhIR vs WT	-3.16576	3.73E-22
PA14_21020	biosynthesis_of_cofactors	PGD1654207	NA	DrhIR vs WT	-2.93376	3.57E-42
PA14_21030	cell_wall_LPS	PGD1654209	NA	DrhIR vs WT	-1.73271	3.35E-24
PA14_21030	translation_posttranslational	PGD1654209	NA	DrhIR vs WT	-1.73271	3.35E-24
PA14_21090	hypothetical_unclassified	PGD1654221	NA	DrhIR vs WT	-1.18976	0.021197
PA14_21410	central_intermediary_metab	PGD1654271	phoA	DrhIR vs WT	2.067934	7.93E-04
PA14_21470	hypothetical_unclassified	PGD1654279	NA	DrhIR vs WT	-1.05851	1.57E-05
PA14_21570	hypothetical_unclassified	PGD1654297	NA	DrhIR vs WT	2.640349	1.90E-05
PA14_21580	hypothetical_unclassified	PGD1654299	NA	DrhIR vs WT	2.976014	9.72E-06
PA14_21590	hypothetical_unclassified	PGD1654301	NA	DrhIR vs WT	2.530138	4.91E-04
PA14_21600	membrane_proteins	PGD1654303	NA	DrhIR vs WT	2.910923	3.78E-05
PA14_21630	membrane_proteins	PGD1654309	NA	DrhIR vs WT	1.932661	2.92E-14
PA14_21640	biosynthesis_of_cofactors	PGD1654311	NA	DrhIR vs WT	1.022645	1.26E-05
PA14_21640	putative_enzymes	PGD1654311	NA	DrhIR vs WT	1.022645	1.26E-05
PA14_21670	hypothetical_unclassified	PGD1654317	NA	DrhIR vs WT	1.388881	1.14E-11
PA14_21680	hypothetical_unclassified	PGD1654319	NA	DrhIR vs WT	1.089917	1.44E-05
PA14_21830	hypothetical_unclassified	PGD1654347	NA	DrhIR vs WT	1.278607	6.81E-21
PA14_22010	cell_division	PGD1654381	minE	DrhIR vs WT	-1.09858	0.00114
PA14_22320	membrane_proteins	PGD1654433	NA	DrhIR vs WT	-1.46464	0.001213
PA14_22330	transport_of_small_molecule	PGD1654435	NA	DrhIR vs WT	-1.01913	9.32E-06
PA14_22350	membrane_proteins	PGD1654439	actP	DrhIR vs WT	1.01363	8.91E-05
NA	NA	PGD1654630	NA	DrhIR vs WT	-1.8689	0.018309
PA14_23680	chaperones_heat_shock	PGD1654661	ibpA	DrhIR vs WT	2.496085	3.54E-10
PA14_23690	protein_secretion_export	PGD1654663	NA	DrhIR vs WT	-1.00028	2.62E-05
PA14_23720	translation_posttranslational	PGD1654667	NA	DrhIR vs WT	-1.04024	5.36E-14
PA14_23980	protein_secretion_export	PGD1654705	xcpP	DrhIR vs WT	-1.69056	8.34E-11
PA14_24180	hypothetical_unclassified	PGD1654737	NA	DrhIR vs WT	1.203215	5.02E-18
PA14_24210	hypothetical_unclassified	PGD1654741	NA	DrhIR vs WT	-1.29802	6.07E-12
PA14_24570	hypothetical_unclassified	PGD1654801	NA	DrhIR vs WT	-1.70836	0.018817
PA14_24630	hypothetical_unclassified	PGD1654813	NA	DrhIR vs WT	-1.12463	2.23E-07
PA14_24760	membrane_proteins	PGD1654835	NA	DrhIR vs WT	1.025949	4.64E-06
PA14_24860	energy_metabolism_CAP	PGD1654853	snr1	DrhIR vs WT	-1.74115	8.03E-19
NA	NA	PGD1654856	NA	DrhIR vs WT	1.6231	1.04E-08
PA14_25080	amino_acid_biosynthesis_mε	PGD1654891	fadB	DrhIR vs WT	1.003171	1.31E-11
PA14_25080	fatty_acid_and_phospholipid	PGD1654891	fadB	DrhIR vs WT	1.003171	1.31E-11
PA14_25670	fatty_acid_and_phospholipid	PGD1654989	acpP	DrhIR vs WT	-1.056	2.21E-04
PA14_26000	biosynthesis_of_cofactors	PGD1655039	NA	DrhIR vs WT	-1.19462	8.43E-04

PA14_26190	hypothetical_unclassified	PGD1655067	NA	DrhIR vs WT	-1.66567	8.61E-13
PA14_26200	hypothetical_unclassified	PGD1655069	NA	DrhIR vs WT	-1.34221	0.003768
PA14_26350	putative_enzymes	PGD1655093	NA	DrhIR vs WT	-1.161	1.19E-08
PA14_26650	putative_enzymes	PGD1655139	NA	DrhIR vs WT	-1.55446	1.26E-04
PA14_26670	fatty_acid_and_phospholipid	PGD1655141	NA	DrhIR vs WT	-1.61821	4.29E-12
PA14_26700	fatty_acid_and_phospholipid	PGD1655145	NA	DrhIR vs WT	-1.95522	3.21E-13
PA14_26700	putative_enzymes	PGD1655145	NA	DrhIR vs WT	-1.95522	3.21E-13
PA14_26720	fatty_acid_and_phospholipid	PGD1655147	NA	DrhIR vs WT	-2.1719	3.09E-18
PA14_26720	putative_enzymes	PGD1655147	NA	DrhIR vs WT	-2.1719	3.09E-18
PA14_26730	putative_enzymes	PGD1655149	NA	DrhIR vs WT	-2.00345	7.51E-08
PA14_26750	hypothetical_unclassified	PGD1655151	NA	DrhIR vs WT	-1.65344	6.10E-14
PA14_26770	membrane_proteins	PGD1655155	NA	DrhIR vs WT	1.248351	1.23E-19
PA14_26770	putative_enzymes	PGD1655155	NA	DrhIR vs WT	1.248351	1.23E-19
PA14_26810	two_component_regulators	PGD1655159	NA	DrhIR vs WT	1.773373	9.73E-04
PA14_26830	two_component_regulators	PGD1655161	NA	DrhIR vs WT	1.145722	0.030141
PA14_27100	secreted_factors	PGD1655199	lipA	DrhIR vs WT	1.231943	2.42E-04
PA14_27230	transcriptional_regulators	PGD1655225	NA	DrhIR vs WT	-1.0344	9.52E-06
PA14_27370	transcription_RNA_processin	PGD1655243	NA	DrhIR vs WT	1.175782	1.28E-05
PA14_27400	transcriptional_regulators	PGD1655247	NA	DrhIR vs WT	-1.62358	2.87E-04
NA	NA	PGD1655290	NA	DrhIR vs WT	-1.08633	0.001129
PA14_27890	putative_enzymes	PGD1655335	NA	DrhIR vs WT	2.289623	1.64E-04
PA14_27980	translation_posttranslational	PGD1655351	NA	DrhIR vs WT	1.082816	1.04E-08
PA14_28050	adaptation_and_protection	PGD1655365	NA	DrhIR vs WT	-1.29001	5.83E-10
PA14_28050	chemotaxis	PGD1655365	NA	DrhIR vs WT	-1.29001	5.83E-10
PA14_28100	hypothetical_unclassified	PGD1655375	NA	DrhIR vs WT	1.296452	0.001656
PA14_28110	hypothetical_unclassified	PGD1655377	NA	DrhIR vs WT	1.479254	0.004733
PA14_28250	secreted_factors	PGD1655403	NA	DrhIR vs WT	-4.46803	2.48E-51
PA14_28260	hypothetical_unclassified	PGD1655405	NA	DrhIR vs WT	-2.30919	1.99E-20
PA14_28280	central_intermediary_metab	PGD1655407	NA	DrhIR vs WT	-1.22171	5.12E-11
PA14_28290	DNA_replication_recombinat	PGD1655409	NA	DrhIR vs WT	-1.13481	0.001094
PA14_28330	hypothetical_unclassified	PGD1655417	NA	DrhIR vs WT	2.591449	0.006298
PA14_28360	hypothetical_unclassified	PGD1655423	NA	DrhIR vs WT	-4.33739	6.63E-29
PA14_28370	membrane_proteins	PGD1655425	NA	DrhIR vs WT	-2.31909	4.96E-11
PA14_28390	membrane_proteins	PGD1655429	NA	DrhIR vs WT	2.674714	1.87E-12
PA14_28410	hypothetical_unclassified	PGD1655433	NA	DrhIR vs WT	-3.33681	3.27E-10
PA14_28450	translation_posttranslational	PGD1655441	eco	DrhIR vs WT	1.137599	1.36E-11
PA14_28610	hypothetical_unclassified	PGD1655469	NA	DrhIR vs WT	-1.71768	1.13E-08
PA14_28670	translation_posttranslational	PGD1655479	rpmI	DrhIR vs WT	1.25889	1.07E-08
PA14_28850	relative_phage_transposon	PGD1655513	NA	DrhIR vs WT	-1.28179	7.73E-11
PA14_29230	putative_enzymes	PGD1655579	NA	DrhIR vs WT	-1.4181	1.67E-08
PA14_29320	putative_enzymes	PGD1655595	NA	DrhIR vs WT	-1.25386	0.00108
PA14_29420	putative_enzymes	PGD1655612	NA	DrhIR vs WT	-1.14671	6.27E-08
PA14_29520	protein_secretion_export	PGD1655628	NA	DrhIR vs WT	3.338073	0.039012
PA14_29620	transcriptional_regulators	PGD1655646	NA	DrhIR vs WT	1.125731	6.76E-05
PA14_30240	translation_posttranslational	PGD1655738	infA	DrhIR vs WT	-1.03921	5.55E-04
PA14_30560	translation_posttranslational	PGD1655792	NA	DrhIR vs WT	-1.84134	3.06E-15
PA14_30570	transport_of_small_molecul	PGD1655794	NA	DrhIR vs WT	-1.41772	8.14E-15
PA14_30620	transcriptional_regulators	PGD1655802	NA	DrhIR vs WT	-2.07371	1.44E-39
NA	NA	PGD1655813	NA	DrhIR vs WT	-1.09992	0.010527
PA14_31270	hypothetical_unclassified	PGD1655918	NA	DrhIR vs WT	-1.40478	1.91E-10

PA14_31280	relative_phage_transposon	PGD1655920	NA	DrhIR vs WT	-1.63442	2.17E-13
PA14_31290	adaptation_and_protection	PGD1655922	pa1L	DrhIR vs WT	-6.24119	3.19E-36
PA14_31290	cell_wall_LPS	PGD1655922	pa1L	DrhIR vs WT	-6.24119	3.19E-36
PA14_31290	motility_and_attachment	PGD1655922	pa1L	DrhIR vs WT	-6.24119	3.19E-36
PA14_31300	hypothetical_unclassified	PGD1655924	NA	DrhIR vs WT	-1.01968	7.29E-05
PA14_31350	energy_metabolism_CAP	PGD1655932	NA	DrhIR vs WT	-2.62141	2.02E-50
PA14_31360	hypothetical_unclassified	PGD1655934	NA	DrhIR vs WT	-2.83347	1.19E-49
PA14_31370	putative_enzymes	PGD1655936	NA	DrhIR vs WT	-2.53191	4.15E-55
PA14_31430	hypothetical_unclassified	PGD1655946	NA	DrhIR vs WT	1.119195	4.50E-08
PA14_31450	hypothetical_unclassified	PGD1655950	NA	DrhIR vs WT	-1.22306	5.20E-07
PA14_31780	transcriptional_regulators	PGD1656000	NA	DrhIR vs WT	-1.23155	1.42E-05
PA14_31820	amino_acid_biosynthesis_mε	PGD1656006	NA	DrhIR vs WT	1.963149	2.22E-07
PA14_32060	transcriptional_regulators	PGD1656032	xylS	DrhIR vs WT	-1.93519	1.12E-09
PA14_32140	energy_metabolism_CAP	PGD1656042	antC	DrhIR vs WT	-6.83253	4.80E-14
PA14_32150	biosynthesis_of_cofactors	PGD1656044	antB	DrhIR vs WT	-3.58905	1.58E-06
PA14_32160	carbon_compound_catabolis	PGD1656046	antA	DrhIR vs WT	-3.08927	6.13E-19
PA14_32190	transcriptional_regulators	PGD1656048	NA	DrhIR vs WT	-2.78782	3.01E-28
PA14_32220	carbon_compound_catabolis	PGD1656052	catB	DrhIR vs WT	-3.77212	1.03E-13
PA14_32230	carbon_compound_catabolis	PGD1656054	catC	DrhIR vs WT	-4.57656	3.05E-19
PA14_32240	carbon_compound_catabolis	PGD1656056	catA	DrhIR vs WT	-3.88198	1.84E-24
PA14_32700	transcriptional_regulators	PGD1656132	NA	DrhIR vs WT	-1.03413	0.007812
PA14_32710	transcriptional_regulators	PGD1656134	NA	DrhIR vs WT	1.122205	3.88E-05
PA14_32720	membrane_proteins	PGD1656136	NA	DrhIR vs WT	1.063272	0.009532
PA14_32750	hypothetical_unclassified	PGD1656140	NA	DrhIR vs WT	-1.08621	0.03391
PA14_32850	hypothetical_unclassified	PGD1656156	NA	DrhIR vs WT	1.19866	4.50E-07
PA14_32860	hypothetical_unclassified	PGD1656158	NA	DrhIR vs WT	1.096923	8.72E-05
PA14_32890	hypothetical_unclassified	PGD1656162	NA	DrhIR vs WT	1.397359	3.22E-08
PA14_32905	hypothetical_unclassified	PGD1656164	NA	DrhIR vs WT	1.788075	1.31E-11
PA14_32950	hypothetical_unclassified	PGD1656170	NA	DrhIR vs WT	-1.01894	1.61E-04
PA14_33120	hypothetical_unclassified	PGD1656194	NA	DrhIR vs WT	1.092538	5.55E-08
PA14_33160	hypothetical_unclassified	PGD1656200	NA	DrhIR vs WT	1.518052	4.29E-12
PA14_33240	hypothetical_unclassified	PGD1656212	NA	DrhIR vs WT	1.536261	4.89E-04
PA14_33250	hypothetical_unclassified	PGD1656214	NA	DrhIR vs WT	1.524062	1.70E-06
PA14_33260	transcriptional_regulators	PGD1656216	pvdS	DrhIR vs WT	1.793898	2.66E-06
PA14_33270	adaptation_and_protection	PGD1656218	pvdG	DrhIR vs WT	1.384213	1.74E-07
PA14_33280	adaptation_and_protection	PGD1656220	pvdL	DrhIR vs WT	1.618724	2.04E-08
PA14_33460	membrane_proteins	PGD1656252	NA	DrhIR vs WT	1.854239	2.04E-14
PA14_33480	carbon_compound_catabolis	PGD1656254	sndH	DrhIR vs WT	1.248821	1.12E-08
PA14_33500	adaptation_and_protection	PGD1656256	pvdH	DrhIR vs WT	2.17925	2.06E-11
PA14_33500	transport_of_small_molecule	PGD1656256	pvdH	DrhIR vs WT	2.17925	2.06E-11
PA14_33610	putative_enzymes	PGD1656278	NA	DrhIR vs WT	1.3853	8.65E-08
PA14_33630	adaptation_and_protection	PGD1656280	pvdJ	DrhIR vs WT	1.513	3.71E-10
PA14_33650	adaptation_and_protection	PGD1656282	pvdD	DrhIR vs WT	1.444714	1.91E-09
PA14_33680	transport_of_small_molecule	PGD1656284	fpvA	DrhIR vs WT	1.781059	3.31E-10
PA14_33690	adaptation_and_protection	PGD1656286	pvdE	DrhIR vs WT	1.776332	1.04E-08
PA14_33690	membrane_proteins	PGD1656286	pvdE	DrhIR vs WT	1.776332	1.04E-08
PA14_33690	transport_of_small_molecule	PGD1656286	pvdE	DrhIR vs WT	1.776332	1.04E-08
PA14_33700	adaptation_and_protection	PGD1656288	pvdF	DrhIR vs WT	1.422741	2.61E-09
PA14_33700	secreted_factors	PGD1656288	pvdF	DrhIR vs WT	1.422741	2.61E-09
PA14_33710	adaptation_and_protection	PGD1656290	pvdO	DrhIR vs WT	1.91848	1.61E-08



PA14_33720	adaptation_and_protection	PGD1656292	pvdN	DrhIR vs WT	1.845534	1.61E-08
PA14_33720	transport_of_small_molecule	PGD1656292	pvdN	DrhIR vs WT	1.845534	1.61E-08
PA14_33730	central_intermediary_metab	PGD1656294	NA	DrhIR vs WT	1.883107	1.27E-08
PA14_33740	adaptation_and_protection	PGD1656296	pvdP	DrhIR vs WT	1.791309	1.35E-08
PA14_33750	transport_of_small_molecule	PGD1656298	NA	DrhIR vs WT	1.646941	2.57E-09
PA14_33760	membrane_proteins	PGD1656300	NA	DrhIR vs WT	1.480152	1.04E-08
PA14_33760	transport_of_small_molecule	PGD1656300	NA	DrhIR vs WT	1.480152	1.04E-08
PA14_33770	protein_secretion_export	PGD1656302	NA	DrhIR vs WT	1.542726	9.61E-09
PA14_33810	biosynthesis_of_cofactors	PGD1656308	pvdA	DrhIR vs WT	1.880422	1.05E-09
PA14_33820	adaptation_and_protection	PGD1656310	pvdQ	DrhIR vs WT	1.932419	2.81E-10
PA14_33820	antibiotic_resistance_and_su	PGD1656310	pvdQ	DrhIR vs WT	1.932419	2.81E-10
PA14_33830	hypothetical_unclassified	PGD1656312	NA	DrhIR vs WT	1.094957	0.001094
PA14_33910	transport_of_small_molecule	PGD1656326	NA	DrhIR vs WT	4.471422	1.46E-40
PA14_33990	translation_posttranslational	PGD1656340	clpV3	DrhIR vs WT	-1.38243	7.44E-12
PA14_34010	membrane_proteins	PGD1656344	hsiG3	DrhIR vs WT	-1.00061	1.71E-04
PA14_34020	hypothetical_unclassified	PGD1656346	hsiF3	DrhIR vs WT	-1.11344	5.72E-04
PA14_34030	hypothetical_unclassified	PGD1656348	hcp3	DrhIR vs WT	-1.38798	1.91E-07
PA14_34070	hypothetical_unclassified	PGD1656352	hsiB3	DrhIR vs WT	-1.07754	1.70E-04
PA14_34130	hypothetical_unclassified	PGD1656360	icmF3	DrhIR vs WT	-1.21525	8.93E-14
PA14_34490	fatty_acid_and_phospholipid	PGD1656414	NA	DrhIR vs WT	-1.20966	5.12E-05
PA14_34510	transport_of_small_molecule	PGD1656418	NA	DrhIR vs WT	-1.28815	8.46E-11
PA14_34540	putative_enzymes	PGD1656422	NA	DrhIR vs WT	-1.05023	2.67E-06
PA14_34730	transcriptional_regulators	PGD1656450	NA	DrhIR vs WT	1.156143	0.016725
PA14_34770	transport_of_small_molecule	PGD1656456	NA	DrhIR vs WT	1.362973	0.016922
PA14_34810	fatty_acid_and_phospholipid	PGD1656464	NA	DrhIR vs WT	-1.38279	5.63E-13
PA14_34810	putative_enzymes	PGD1656464	NA	DrhIR vs WT	-1.38279	5.63E-13
PA14_34810	secreted_factors	PGD1656464	NA	DrhIR vs WT	-1.38279	5.63E-13
PA14_34820	transcriptional_regulators	PGD1656466	NA	DrhIR vs WT	-1.07401	1.51E-08
PA14_34870	carbon_compound_catabolis	PGD1656474	chiC	DrhIR vs WT	-7.03132	4.57E-50
PA14_34880	transcriptional_regulators	PGD1656476	NA	DrhIR vs WT	-1.23431	6.58E-04
PA14_35160	hypothetical_unclassified	PGD1656520	NA	DrhIR vs WT	-2.34385	9.03E-16
PA14_35170	transcriptional_regulators	PGD1656522	NA	DrhIR vs WT	-1.2675	3.29E-05
PA14_35240	hypothetical_unclassified	PGD1656532	NA	DrhIR vs WT	-1.50696	0.001777
PA14_35380	transcriptional_regulators	PGD1656552	ptxR	DrhIR vs WT	1.182206	8.31E-07
PA14_35420	amino_acid_biosynthesis_mε	PGD1656558	pvcB	DrhIR vs WT	1.115686	0.03884
PA14_35420	secreted_factors	PGD1656558	pvcB	DrhIR vs WT	1.115686	0.03884
PA14_35430	amino_acid_biosynthesis_mε	PGD1656560	pvcA	DrhIR vs WT	1.479373	3.78E-09
PA14_35430	secreted_factors	PGD1656560	pvcA	DrhIR vs WT	1.479373	3.78E-09
PA14_35550	hypothetical_unclassified	PGD1656578	pslO	DrhIR vs WT	1.172115	2.80E-05
PA14_35680	hypothetical_unclassified	PGD1656596	pslF	DrhIR vs WT	-1.63537	4.18E-04
PA14_36090	membrane_proteins	PGD1656670	NA	DrhIR vs WT	-1.13983	0.005848
PA14_36310	central_intermediary_metab	PGD1656706	hcnC	DrhIR vs WT	-2.51135	3.19E-36
PA14_36320	central_intermediary_metab	PGD1656708	hcnB	DrhIR vs WT	-2.77758	2.99E-29
PA14_36330	central_intermediary_metab	PGD1656710	hcnA	DrhIR vs WT	-3.68522	2.75E-50
PA14_36375	hypothetical_unclassified	PGD1656720	NA	DrhIR vs WT	1.315223	8.73E-05
PA14_36390	translation_posttranslational	PGD1656722	NA	DrhIR vs WT	1.078349	5.78E-04
PA14_36480	hypothetical_unclassified	PGD1656736	NA	DrhIR vs WT	1.689801	1.99E-06
PA14_36500	carbon_compound_catabolis	PGD1656740	NA	DrhIR vs WT	1.380208	5.13E-08
PA14_36520	hypothetical_unclassified	PGD1656742	NA	DrhIR vs WT	1.445692	1.26E-13
PA14_36530	hypothetical_unclassified	PGD1656744	NA	DrhIR vs WT	1.155107	1.55E-07

PA14_36550	hypothetical_unclassified	PGD1656748	NA	DrhIR vs WT	1.084487	3.25E-08
PA14_36570	carbon_compound_catabolis	PGD1656752	glgA	DrhIR vs WT	1.128045	6.93E-09
PA14_36570	energy_metabolism_CAP	PGD1656752	glgA	DrhIR vs WT	1.128045	6.93E-09
PA14_36580	putative_enzymes	PGD1656754	NA	DrhIR vs WT	1.489672	1.61E-08
PA14_36590	carbon_compound_catabolis	PGD1656756	NA	DrhIR vs WT	2.050622	2.32E-08
PA14_36605	putative_enzymes	PGD1656758	NA	DrhIR vs WT	2.790329	5.08E-15
PA14_36620	hypothetical_unclassified	PGD1656760	NA	DrhIR vs WT	4.730649	8.25E-04
PA14_36630	carbon_compound_catabolis	PGD1656762	NA	DrhIR vs WT	2.679288	5.91E-21
PA14_36630	putative_enzymes	PGD1656762	NA	DrhIR vs WT	2.679288	5.91E-21
PA14_36650	hypothetical_unclassified	PGD1656764	NA	DrhIR vs WT	1.306632	2.64E-05
PA14_36660	amino_acid_biosynthesis_mε	PGD1656766	NA	DrhIR vs WT	1.004554	5.79E-05
PA14_36670	hypothetical_unclassified	PGD1656768	NA	DrhIR vs WT	1.552806	1.89E-05
PA14_36680	putative_enzymes	PGD1656770	NA	DrhIR vs WT	1.250626	0.00171
PA14_36690	fatty_acid_and_phospholipid	PGD1656772	NA	DrhIR vs WT	1.258493	3.17E-04
PA14_36690	putative_enzymes	PGD1656772	NA	DrhIR vs WT	1.258493	3.17E-04
PA14_36700	membrane_proteins	PGD1656774	NA	DrhIR vs WT	1.408556	1.30E-04
PA14_36710	energy_metabolism_CAP	PGD1656776	glgB	DrhIR vs WT	3.115862	3.21E-13
PA14_36730	carbon_compound_catabolis	PGD1656778	NA	DrhIR vs WT	1.823747	5.21E-12
PA14_36730	putative_enzymes	PGD1656778	NA	DrhIR vs WT	1.823747	5.21E-12
PA14_36740	putative_enzymes	PGD1656780	NA	DrhIR vs WT	1.069452	3.82E-08
PA14_36760	DNA_replication_recombinat	PGD1656782	NA	DrhIR vs WT	1.039893	1.76E-04
PA14_36770	hypothetical_unclassified	PGD1656784	NA	DrhIR vs WT	1.049491	0.008556
PA14_36790	hypothetical_unclassified	PGD1656788	NA	DrhIR vs WT	1.291164	6.41E-07
PA14_36810	adaptation_and_protection	PGD1656790	katE	DrhIR vs WT	1.477799	2.62E-07
PA14_36880	transcriptional_regulators	PGD1656804	NA	DrhIR vs WT	1.072425	0.014107
PA14_36900	hypothetical_unclassified	PGD1656808	NA	DrhIR vs WT	1.070708	0.002809
PA14_37040	chaperones_heat_shock	PGD1656830	cupA2	DrhIR vs WT	2.075282	0.038359
PA14_37060	motility_and_attachment	PGD1656832	cupA1	DrhIR vs WT	2.443184	6.78E-07
PA14_37070	central_intermediary_metab	PGD1656834	NA	DrhIR vs WT	1.209694	2.08E-06
PA14_37070	transcriptional_regulators	PGD1656834	NA	DrhIR vs WT	1.209694	2.08E-06
PA14_37310	transport_of_small_moleculε	PGD1656868	NA	DrhIR vs WT	1.102082	1.53E-05
PA14_37320	membrane_proteins	PGD1656870	NA	DrhIR vs WT	1.347997	1.69E-06
PA14_37360	central_intermediary_metab	PGD1656876	NA	DrhIR vs WT	-2.73767	4.98E-20
PA14_37370	fatty_acid_and_phospholipid	PGD1656878	NA	DrhIR vs WT	-2.76621	2.61E-06
PA14_37380	transport_of_small_moleculε	PGD1656880	NA	DrhIR vs WT	-1.95486	1.11E-18
PA14_37420	transport_of_small_moleculε	PGD1656886	NA	DrhIR vs WT	1.595875	8.33E-04
PA14_37460	transport_of_small_moleculε	PGD1656892	NA	DrhIR vs WT	1.523784	1.96E-04
PA14_37470	energy_metabolism_CAP	PGD1656894	NA	DrhIR vs WT	1.653097	9.68E-04
PA14_37510	hypothetical_unclassified	PGD1656898	NA	DrhIR vs WT	1.29495	0.011366
PA14_37520	hypothetical_unclassified	PGD1656900	NA	DrhIR vs WT	2.604404	0.001737
PA14_37530	putative_enzymes	PGD1656902	NA	DrhIR vs WT	1.233307	0.009602
PA14_37550	carbon_compound_catabolis	PGD1656904	NA	DrhIR vs WT	2.031757	0.007596
PA14_37560	amino_acid_biosynthesis_mε	PGD1656906	NA	DrhIR vs WT	1.205679	0.005439
PA14_37730	transport_of_small_moleculε	PGD1656932	NA	DrhIR vs WT	-1.66597	1.18E-17
PA14_37745	putative_enzymes	PGD1656934	NA	DrhIR vs WT	-6.36206	2.23E-27
PA14_37760	membrane_proteins	PGD1656936	NA	DrhIR vs WT	-3.71079	8.80E-53
PA14_37760	transport_of_small_moleculε	PGD1656936	NA	DrhIR vs WT	-3.71079	8.80E-53
PA14_37770	carbon_compound_catabolis	PGD1656938	NA	DrhIR vs WT	-3.30265	1.96E-28
PA14_37780	hypothetical_unclassified	PGD1656940	NA	DrhIR vs WT	-3.51006	8.08E-33
PA14_37790	adaptation_and_protection	PGD1656942	pcoA	DrhIR vs WT	-1.79854	1.34E-20

PA14_37810	adaptation_and_protection	PGD1656944	pcoB	DrhIR vs WT	-1.8433	9.93E-06
PA14_37840	transport_of_small_molecule	PGD1656950	sppD	DrhIR vs WT	-1.1118	4.43E-04
PA14_38130	transport_of_small_molecule	PGD1656992	NA	DrhIR vs WT	1.28307	5.51E-09
PA14_38140	amino_acid_biosynthesis_mε	PGD1656994	NA	DrhIR vs WT	1.015955	1.66E-05
PA14_38210	central_intermediary_metab	PGD1657006	NA	DrhIR vs WT	2.527504	3.14E-09
PA14_38220	transport_of_small_molecule	PGD1657008	NA	DrhIR vs WT	2.719511	3.89E-15
PA14_38260	hypothetical_unclassified	PGD1657012	NA	DrhIR vs WT	-3.0727	6.66E-26
PA14_38270	hypothetical_unclassified	PGD1657014	NA	DrhIR vs WT	-2.66087	6.29E-18
PA14_38310	hypothetical_unclassified	PGD1657020	NA	DrhIR vs WT	1.835816	0.007722
PA14_38360	cell_wall_LPS	PGD1657030	NA	DrhIR vs WT	1.658472	6.50E-17
PA14_38360	putative_enzymes	PGD1657030	NA	DrhIR vs WT	1.658472	6.50E-17
PA14_38440	carbon_compound_catabolis	PGD1657044	gnyD	DrhIR vs WT	1.13949	3.43E-23
PA14_38440	fatty_acid_and_phospholipid	PGD1657044	gnyD	DrhIR vs WT	1.13949	3.43E-23
PA14_38460	carbon_compound_catabolis	PGD1657046	gnyB	DrhIR vs WT	1.04564	4.85E-11
PA14_38480	carbon_compound_catabolis	PGD1657050	gnyA	DrhIR vs WT	1.057244	4.62E-10
PA14_38590	carbon_compound_catabolis	PGD1657068	bdhA	DrhIR vs WT	-1.08123	1.31E-07
PA14_38730	transport_of_small_molecule	PGD1657088	NA	DrhIR vs WT	1.160507	1.43E-04
PA14_39210	biosynthesis_of_cofactors	PGD1657162	NA	DrhIR vs WT	-1.16022	0.001822
PA14_39460	hypothetical_unclassified	PGD1657196	NA	DrhIR vs WT	-2.86208	2.92E-21
PA14_39470	hypothetical_unclassified	PGD1657198	NA	DrhIR vs WT	-2.02293	6.22E-10
PA14_39500	hypothetical_unclassified	PGD1657202	NA	DrhIR vs WT	3.754472	1.06E-36
PA14_39590	amino_acid_biosynthesis_mε	PGD1657216	metE	DrhIR vs WT	-2.48646	4.67E-09
PA14_39780	transport_of_small_molecule	PGD1657246	NA	DrhIR vs WT	-2.89104	3.16E-29
PA14_39800	transcriptional_regulators	PGD1657250	NA	DrhIR vs WT	2.074354	6.53E-07
PA14_39810	membrane_proteins	PGD1657252	NA	DrhIR vs WT	1.468977	0.007934
PA14_39820	transport_of_small_molecule	PGD1657254	NA	DrhIR vs WT	1.447153	7.34E-04
PA14_39880	secreted_factors	PGD1657264	phzG2	DrhIR vs WT	-6.45554	9.47E-28
PA14_39945	secreted_factors	PGD1657272	phzC2	DrhIR vs WT	-7.04317	5.61E-29
PA14_39960	secreted_factors	PGD1657274	phzB2	DrhIR vs WT	-7.39445	3.24E-37
PA14_39970	secreted_factors	PGD1657276	phzA2	DrhIR vs WT	-9.22206	1.00E-29
PA14_39980	transcriptional_regulators	PGD1657278	qscR	DrhIR vs WT	-1.23189	1.26E-06
PA14_39990	fatty_acid_and_phospholipid	PGD1657280	NA	DrhIR vs WT	-1.61392	3.60E-10
PA14_40010	hypothetical_unclassified	PGD1657282	NA	DrhIR vs WT	-2.10165	6.50E-25
PA14_40020	hypothetical_unclassified	PGD1657284	NA	DrhIR vs WT	-1.53507	1.65E-13
PA14_40040	central_intermediary_metab	PGD1657288	NA	DrhIR vs WT	-1.66707	2.43E-17
PA14_40040	putative_enzymes	PGD1657288	NA	DrhIR vs WT	-1.66707	2.43E-17
PA14_40050	hypothetical_unclassified	PGD1657290	NA	DrhIR vs WT	-1.21645	1.84E-09
PA14_40060	fatty_acid_and_phospholipid	PGD1657292	NA	DrhIR vs WT	-1.80961	1.58E-08
PA14_40060	membrane_proteins	PGD1657292	NA	DrhIR vs WT	-1.80961	1.58E-08
PA14_40130	transport_of_small_molecule	PGD1657304	NA	DrhIR vs WT	-1.80126	2.01E-10
PA14_40230	protein_secretion_export	PGD1657320	NA	DrhIR vs WT	-1.55877	6.27E-13
PA14_40240	protein_secretion_export	PGD1657322	NA	DrhIR vs WT	-1.57944	2.43E-10
PA14_40250	membrane_proteins	PGD1657324	NA	DrhIR vs WT	-1.91344	8.27E-23
PA14_40260	hypothetical_unclassified	PGD1657326	NA	DrhIR vs WT	-1.97705	1.46E-17
PA14_40270	membrane_proteins	PGD1657328	NA	DrhIR vs WT	-1.98768	2.54E-07
PA14_40270	transport_of_small_molecule	PGD1657328	NA	DrhIR vs WT	-1.98768	2.54E-07
PA14_40290	secreted_factors	PGD1657332	lasA	DrhIR vs WT	-1.63159	9.70E-17
PA14_40290	translation_posttranslational	PGD1657332	lasA	DrhIR vs WT	-1.63159	9.70E-17
PA14_40310	fatty_acid_and_phospholipid	PGD1657336	NA	DrhIR vs WT	-5.01988	1.33E-35
PA14_40330	protein_secretion_export	PGD1657340	NA	DrhIR vs WT	1.720575	0.018647

PA14_40750	hypothetical_unclassified	PGD1657404	NA	DrhIR vs WT	-2.09346	1.06E-18
PA14_40850	carbon_compound_catabolis	PGD1657420	NA	DrhIR vs WT	-1.02502	1.04E-08
PA14_40860	transport_of_small_molecul	PGD1657422	NA	DrhIR vs WT	-1.70157	5.21E-12
PA14_42080	fatty_acid_and_phospholipid	PGD1657620	NA	DrhIR vs WT	2.079152	2.33E-15
PA14_42080	putative_enzymes	PGD1657620	NA	DrhIR vs WT	2.079152	2.33E-15
PA14_42090	fatty_acid_and_phospholipid	PGD1657622	NA	DrhIR vs WT	1.888971	1.77E-09
PA14_42270	secreted_factors	PGD1657648	pscJ	DrhIR vs WT	1.167485	0.00716
PA14_42340	protein_secretion_export	PGD1657660	pscD	DrhIR vs WT	1.267563	0.023888
PA14_42390	transcriptional_regulators	PGD1657668	exsA	DrhIR vs WT	1.216147	2.81E-05
PA14_42430	protein_secretion_export	PGD1657674	exsC	DrhIR vs WT	1.535656	1.32E-08
PA14_42430	secreted_factors	PGD1657674	exsC	DrhIR vs WT	1.535656	1.32E-08
PA14_42430	translation_posttranslational	PGD1657674	exsC	DrhIR vs WT	1.535656	1.32E-08
PA14_42450	protein_secretion_export	PGD1657678	popB	DrhIR vs WT	1.470173	8.44E-04
PA14_42480	protein_secretion_export	PGD1657684	pcrG	DrhIR vs WT	3.948745	0.013042
PA14_42570	protein_secretion_export	PGD1657700	pscN	DrhIR vs WT	2.180726	0.002938
PA14_42710	hypothetical_unclassified	PGD1657724	NA	DrhIR vs WT	-1.43719	1.91E-10
PA14_42980	chaperones_heat_shock	PGD1657772	clpV2	DrhIR vs WT	-1.09535	1.81E-11
PA14_43050	hypothetical_unclassified	PGD1657784	hsiA2	DrhIR vs WT	-1.11251	7.03E-09
PA14_43100	hypothetical_unclassified	PGD1657792	rhsP2	DrhIR vs WT	-1.09863	1.31E-06
PA14_43220	adaptation_and_protection	PGD1657812	NA	DrhIR vs WT	-1.16615	1.27E-09
PA14_43220	chemotaxis	PGD1657812	NA	DrhIR vs WT	-1.16615	1.27E-09
PA14_43400	transport_of_small_molecul	PGD1657840	kdpA	DrhIR vs WT	1.223426	0.047518
PA14_43610	fatty_acid_and_phospholipid	PGD1657872	NA	DrhIR vs WT	-1.2905	1.32E-13
PA14_43730	hypothetical_unclassified	PGD1657894	NA	DrhIR vs WT	1.727268	3.89E-16
PA14_43850	chaperones_heat_shock	PGD1657914	htpG	DrhIR vs WT	1.112737	8.43E-12
PA14_44210	amino_acid_biosynthesis_m	PGD1657974	NA	DrhIR vs WT	-1.08096	6.92E-07
PA14_44311	hypothetical_unclassified	PGD1657990	NA	DrhIR vs WT	1.121191	5.36E-05
PA14_44460	membrane_proteins	PGD1658016	NA	DrhIR vs WT	-1.25182	7.05E-10
PA14_44740	nucleotide_biosynthesis_and	PGD1658064	xdhB	DrhIR vs WT	-1.10637	8.67E-15
PA14_44960	putative_enzymes	PGD1658098	NA	DrhIR vs WT	1.052287	8.71E-04
PA14_45010	central_intermediary_metab	PGD1658108	NA	DrhIR vs WT	-1.10213	0.021163
PA14_45030	carbon_compound_catabolis	PGD1658112	NA	DrhIR vs WT	-1.41116	0.018398
PA14_45030	putative_enzymes	PGD1658112	NA	DrhIR vs WT	-1.41116	0.018398
PA14_45100	transcriptional_regulators	PGD1658122	NA	DrhIR vs WT	1.290709	3.87E-05
PA14_45100	transport_of_small_molecul	PGD1658122	NA	DrhIR vs WT	1.290709	3.87E-05
PA14_45950	adaptation_and_protection	PGD1658246	rsaL	DrhIR vs WT	-1.16321	6.71E-04
PA14_45950	transcriptional_regulators	PGD1658246	rsaL	DrhIR vs WT	-1.16321	6.71E-04
PA14_46250	putative_enzymes	PGD1658292	NA	DrhIR vs WT	1.078986	2.79E-08
PA14_46280	hypothetical_unclassified	PGD1658298	NA	DrhIR vs WT	1.105177	4.45E-06
PA14_47080	transcriptional_regulators	PGD1658438	NA	DrhIR vs WT	-1.09476	4.64E-05
PA14_47120	hypothetical_unclassified	PGD1658446	NA	DrhIR vs WT	1.629205	1.27E-13
PA14_47230	transport_of_small_molecul	PGD1658462	NA	DrhIR vs WT	1.161214	8.72E-05
PA14_47380	transport_of_small_molecul	PGD1658490	NA	DrhIR vs WT	1.599414	6.38E-08
PA14_47390	two_component_regulators	PGD1658492	NA	DrhIR vs WT	2.007968	9.88E-09
PA14_47400	transcriptional_regulators	PGD1658494	NA	DrhIR vs WT	2.08096	1.22E-09
PA14_47860	putative_enzymes	PGD1658562	NA	DrhIR vs WT	-1.1644	0.00171
PA14_47950	transport_of_small_molecul	PGD1658580	NA	DrhIR vs WT	3.943209	0.018645
PA14_47960	transport_of_small_molecul	PGD1658582	NA	DrhIR vs WT	1.885652	0.001458
PA14_48170	motility_and_attachment	PGD1658610	srpP	DrhIR vs WT	1.043435	1.61E-09
PA14_48170	translation_posttranslational	PGD1658610	srpP	DrhIR vs WT	1.043435	1.61E-09

PA14_48420	transcriptional_regulators	PGD1658644	NA	DrhIR vs WT	-1.11886	4.94E-08
PA14_48440	putative_enzymes	PGD1658646	NA	DrhIR vs WT	-1.01761	0.010694
PA14_48530	putative_enzymes	PGD1658662	NA	DrhIR vs WT	-2.65628	7.03E-09
PA14_48560	hypothetical_unclassified	PGD1658668	NA	DrhIR vs WT	-1.73938	0.017305
PA14_48570	amino_acid_biosynthesis_mε	PGD1658670	NA	DrhIR vs WT	-1.89149	1.62E-04
PA14_48590	hypothetical_unclassified	PGD1658672	NA	DrhIR vs WT	-2.01241	4.81E-04
PA14_48600	putative_enzymes	PGD1658674	NA	DrhIR vs WT	-2.19856	5.99E-05
PA14_48610	amino_acid_biosynthesis_mε	PGD1658676	NA	DrhIR vs WT	-3.20537	0.002199
PA14_48620	central_intermediary_metab	PGD1658678	NA	DrhIR vs WT	-1.91808	0.00489
PA14_49020	relative_phage_transposon	PGD1658750	pf5r	DrhIR vs WT	-1.1449	0.018408
PA14_49080	putative_enzymes	PGD1658762	NA	DrhIR vs WT	1.200649	7.49E-04
PA14_49260	energy_metabolism_CAP	PGD1658790	napB	DrhIR vs WT	-1.11928	1.28E-12
PA14_49390	transcription_RNA_processin	PGD1658814	rrmA	DrhIR vs WT	1.63951	5.61E-07
PA14_49480	hypothetical_unclassified	PGD1658828	NA	DrhIR vs WT	-1.03083	0.036686
PA14_49560	secreted_factors	PGD1658840	toxA	DrhIR vs WT	3.924973	2.94E-34
PA14_49570	membrane_proteins	PGD1658842	NA	DrhIR vs WT	1.302078	0.00138
PA14_49690	putative_enzymes	PGD1658862	NA	DrhIR vs WT	2.068118	3.36E-05
PA14_49720	hypothetical_unclassified	PGD1658868	NA	DrhIR vs WT	2.588734	1.20E-11
PA14_49750	antibiotic_resistance_and_su	PGD1658874	NA	DrhIR vs WT	-5.24938	1.25E-53
PA14_49750	membrane_proteins	PGD1658874	NA	DrhIR vs WT	-5.24938	1.25E-53
PA14_49750	transport_of_small_moleculε	PGD1658874	NA	DrhIR vs WT	-5.24938	1.25E-53
PA14_49760	adaptation_and_protection	PGD1658876	rhIC	DrhIR vs WT	-5.24017	6.61E-18
PA14_49800	putative_enzymes	PGD1658882	NA	DrhIR vs WT	-1.28273	1.04E-08
PA14_49860	hypothetical_unclassified	PGD1658892	NA	DrhIR vs WT	-1.14785	3.40E-08
PA14_51310	hypothetical_unclassified	PGD1659136	NA	DrhIR vs WT	1.138437	1.62E-09
PA14_51350	adaptation_and_protection	PGD1659144	phnB	DrhIR vs WT	2.593378	7.44E-82
PA14_51350	amino_acid_biosynthesis_mε	PGD1659144	phnB	DrhIR vs WT	2.593378	7.44E-82
PA14_51360	adaptation_and_protection	PGD1659146	phnA	DrhIR vs WT	3.416665	2.12E-203
PA14_51380	biosynthesis_of_cofactors	PGD1659148	pqsE	DrhIR vs WT	3.094706	7.04E-81
PA14_51390	hypothetical_unclassified	PGD1659150	pqsD	DrhIR vs WT	3.552066	3.69E-241
PA14_51410	biosynthesis_of_cofactors	PGD1659152	pqsC	DrhIR vs WT	3.712773	1.46E-149
PA14_51420	biosynthesis_of_cofactors	PGD1659154	pqsB	DrhIR vs WT	3.251741	2.49E-162
PA14_51430	biosynthesis_of_cofactors	PGD1659156	pqsA	DrhIR vs WT	3.191951	1.97E-212
PA14_51620	relative_phage_transposon	PGD1659194	NA	DrhIR vs WT	1.129448	1.26E-06
PA14_51830	adaptation_and_protection	PGD1659232	NA	DrhIR vs WT	1.149894	6.05E-12
PA14_51940	hypothetical_unclassified	PGD1659252	NA	DrhIR vs WT	2.697313	1.93E-19
PA14_51950	hypothetical_unclassified	PGD1659254	NA	DrhIR vs WT	2.171605	4.40E-18
PA14_52070	transcriptional_regulators	PGD1659274	NA	DrhIR vs WT	1.028822	1.23E-05
PA14_52080	hypothetical_unclassified	PGD1659276	NA	DrhIR vs WT	2.253108	4.38E-12
PA14_52090	hypothetical_unclassified	PGD1659278	NA	DrhIR vs WT	2.293353	1.32E-09
PA14_52130	hypothetical_unclassified	PGD1659284	NA	DrhIR vs WT	-1.60991	2.30E-20
PA14_52250	transport_of_small_moleculε	PGD1659302	NA	DrhIR vs WT	1.393758	6.16E-07
PA14_52250	two_component_regulators	PGD1659302	NA	DrhIR vs WT	1.393758	6.16E-07
PA14_52290	hypothetical_unclassified	PGD1659310	NA	DrhIR vs WT	1.226828	5.83E-10
PA14_52480	hypothetical_unclassified	PGD1659340	NA	DrhIR vs WT	1.180217	0.038291
PA14_52490	hypothetical_unclassified	PGD1659342	NA	DrhIR vs WT	1.763296	0.022988
PA14_52660	amino_acid_biosynthesis_mε	PGD1659370	aruB	DrhIR vs WT	-1.00389	2.60E-07
PA14_52880	putative_enzymes	PGD1659406	NA	DrhIR vs WT	3.880392	0.009806
PA14_52960	hypothetical_unclassified	PGD1659420	NA	DrhIR vs WT	1.03686	0.032437
PA14_53020	cell_wall_LPS	PGD1659430	pbpG	DrhIR vs WT	-1.01277	8.45E-09

PA14_53250	secreted_factors	PGD1659466	cpbD	DrhIR vs WT	-2.75619	1.44E-58
PA14_53290	nucleotide_biosynthesis_and	PGD1659472	trxB2	DrhIR vs WT	-2.34029	9.14E-21
PA14_53380	putative_enzymes	PGD1659486	NA	DrhIR vs WT	1.767076	4.69E-04
PA14_53530	hypothetical_unclassified	PGD1659512	NA	DrhIR vs WT	1.33144	1.35E-05
PA14_53590	hypothetical_unclassified	PGD1659524	NA	DrhIR vs WT	-1.05465	0.001604
PA14_53690	hypothetical_unclassified	PGD1659544	NA	DrhIR vs WT	2.122825	7.24E-07
PA14_53700	putative_enzymes	PGD1659546	NA	DrhIR vs WT	1.159129	0.014457
PA14_53840	hypothetical_unclassified	PGD1659570	NA	DrhIR vs WT	-1.1103	0.001289
PA14_53890	membrane_proteins	PGD1659580	NA	DrhIR vs WT	1.010439	0.029257
PA14_53920	transcriptional_regulators	PGD1659586	NA	DrhIR vs WT	1.431336	1.27E-11
PA14_53940	carbon_compound_catabolis	PGD1659588	prpB	DrhIR vs WT	1.657253	1.14E-08
PA14_53940	central_intermediary_metab	PGD1659588	prpB	DrhIR vs WT	1.657253	1.14E-08
PA14_53940	fatty_acid_and_phospholipid	PGD1659588	prpB	DrhIR vs WT	1.657253	1.14E-08
PA14_53950	carbon_compound_catabolis	PGD1659590	prpC	DrhIR vs WT	1.356031	4.88E-10
PA14_53950	central_intermediary_metab	PGD1659590	prpC	DrhIR vs WT	1.356031	4.88E-10
PA14_54220	hypothetical_unclassified	PGD1659628	icp	DrhIR vs WT	1.025819	2.37E-04
PA14_54520	membrane_proteins	PGD1659676	NA	DrhIR vs WT	1.730303	3.01E-08
PA14_54570	membrane_proteins	PGD1659682	NA	DrhIR vs WT	1.067744	0.003186
PA14_54720	hypothetical_unclassified	PGD1659710	NA	DrhIR vs WT	1.253885	9.66E-04
PA14_54740	hypothetical_unclassified	PGD1659714	NA	DrhIR vs WT	1.13428	6.17E-05
PA14_55040	transport_of_small_molecul	PGD1659768	NA	DrhIR vs WT	1.169185	0.018249
PA14_55080	hypothetical_unclassified	PGD1659776	NA	DrhIR vs WT	-1.30581	3.09E-18
PA14_55100	hypothetical_unclassified	PGD1659780	NA	DrhIR vs WT	1.345006	1.05E-05
PA14_55110	hypothetical_unclassified	PGD1659782	NA	DrhIR vs WT	1.040448	0.001282
PA14_55160	transcriptional_regulators	PGD1659792	toxR	DrhIR vs WT	1.604393	4.60E-07
PA14_55360	membrane_proteins	PGD1659822	exbB2	DrhIR vs WT	-1.0244	0.017511
PA14_55360	transport_of_small_molecul	PGD1659822	exbB2	DrhIR vs WT	-1.0244	0.017511
PA14_55540	transcriptional_regulators	PGD1659854	NA	DrhIR vs WT	1.269437	4.66E-04
PA14_55580	biosynthesis_of_cofactors	PGD1659862	nemO	DrhIR vs WT	2.071944	1.75E-11
PA14_55600	hypothetical_unclassified	PGD1659866	NA	DrhIR vs WT	-1.25045	3.29E-05
PA14_55730	transcriptional_regulators	PGD1659894	NA	DrhIR vs WT	2.032347	1.16E-06
PA14_55780	two_component_regulators	PGD1659904	NA	DrhIR vs WT	-1.26206	4.81E-15
PA14_55800	protein_secretion_export	PGD1659908	NA	DrhIR vs WT	-1.48074	1.60E-05
PA14_55840	hypothetical_unclassified	PGD1659914	NA	DrhIR vs WT	-1.74659	0.025767
PA14_55880	membrane_proteins	PGD1659920	NA	DrhIR vs WT	-1.40795	5.41E-09
PA14_55880	motility_and_attachment	PGD1659920	NA	DrhIR vs WT	-1.40795	5.41E-09
PA14_55880	protein_secretion_export	PGD1659920	NA	DrhIR vs WT	-1.40795	5.41E-09
PA14_55940	protein_secretion_export	PGD1659930	NA	DrhIR vs WT	-3.13157	4.74E-23
PA14_56070	transcriptional_regulators	PGD1659948	mvaT	DrhIR vs WT	-1.22467	7.56E-07
PA14_56090	membrane_proteins	PGD1659952	NA	DrhIR vs WT	1.166608	1.34E-10
PA14_56550	hypothetical_unclassified	PGD1660016	NA	DrhIR vs WT	-1.13143	2.65E-08
PA14_56570	fatty_acid_and_phospholipid	PGD1660020	NA	DrhIR vs WT	-1.62729	0.001351
PA14_56590	adaptation_and_protection	PGD1660022	NA	DrhIR vs WT	-1.95165	1.77E-12
PA14_56640	transport_of_small_molecul	PGD1660028	NA	DrhIR vs WT	-1.21719	0.010136
PA14_56670	hypothetical_unclassified	PGD1660032	NA	DrhIR vs WT	-1.25587	6.82E-05
PA14_56750	hypothetical_unclassified	PGD1660046	NA	DrhIR vs WT	1.212518	0.007557
PA14_56780	adaptation_and_protection	PGD1660050	sodB	DrhIR vs WT	-1.04034	2.40E-09
PA14_56910	hypothetical_unclassified	PGD1660072	NA	DrhIR vs WT	-1.16267	4.99E-06
PA14_56970	hypothetical_unclassified	PGD1660084	NA	DrhIR vs WT	-1.28839	4.85E-11
PA14_56990	hypothetical_unclassified	PGD1660088	NA	DrhIR vs WT	-2.95555	1.57E-45

PA14_57010	chaperones_heat_shock	PGD1660090	groEL	DrhIR vs WT	1.027288	4.32E-11
PA14_57020	chaperones_heat_shock	PGD1660092	groES	DrhIR vs WT	1.270783	5.36E-13
PA14_57030	membrane_proteins	PGD1660094	fxsA	DrhIR vs WT	1.39711	6.24E-08
PA14_57060	hypothetical_unclassified	PGD1660100	NA	DrhIR vs WT	1.034037	1.52E-08
PA14_57110	transport_of_small_molecule	PGD1660108	NA	DrhIR vs WT	1.399152	1.40E-17
PA14_57990	transport_of_small_molecule	PGD1660253	NA	DrhIR vs WT	2.951303	4.48E-10
PA14_58000	adaptation_and_protection	PGD1660255	sodM	DrhIR vs WT	3.258083	1.10E-12
PA14_58010	hypothetical_unclassified	PGD1660257	NA	DrhIR vs WT	3.119878	9.25E-09
PA14_58030	energy_metabolism_CAP	PGD1660259	fumC	DrhIR vs WT	3.052993	5.10E-16
PA14_58040	hypothetical_unclassified	PGD1660261	NA	DrhIR vs WT	3.304797	5.78E-12
PA14_58080	putative_enzymes	PGD1660269	NA	DrhIR vs WT	-1.16396	1.03E-08
PA14_58500	membrane_proteins	PGD1660333	NA	DrhIR vs WT	1.727075	8.07E-07
PA14_58580	membrane_proteins	PGD1660349	NA	DrhIR vs WT	2.079671	5.39E-10
PA14_58630	amino_acid_biosynthesis_mε	PGD1660357	NA	DrhIR vs WT	-1.3438	1.43E-21
PA14_58720	hypothetical_unclassified	PGD1660371	NA	DrhIR vs WT	1.460318	3.22E-09
PA14_58730	motility_and_attachment	PGD1660373	pilA	DrhIR vs WT	1.075607	2.69E-05
PA14_58770	motility_and_attachment	PGD1660381	pilD	DrhIR vs WT	1.031722	4.73E-08
PA14_58770	protein_secretion_export	PGD1660381	pilD	DrhIR vs WT	1.031722	4.73E-08
PA14_58770	secreted_factors	PGD1660381	pilD	DrhIR vs WT	1.031722	4.73E-08
PA14_58790	hypothetical_unclassified	PGD1660385	NA	DrhIR vs WT	1.213187	0.001086
PA14_59120	hypothetical_unclassified	PGD1660447	NA	DrhIR vs WT	-1.4647	0.002199
PA14_59360	motility_and_attachment	PGD1660489	pilM2	DrhIR vs WT	-1.64936	2.38E-07
PA14_59390	hypothetical_unclassified	PGD1660495	NA	DrhIR vs WT	-1.51684	1.31E-06
PA14_59840	hypothetical_unclassified	PGD1660574	NA	DrhIR vs WT	-1.15255	7.18E-04
PA14_59860	protein_secretion_export	PGD1660580	NA	DrhIR vs WT	3.563367	0.042826
PA14_59890	hypothetical_unclassified	PGD1660586	NA	DrhIR vs WT	2.331761	7.16E-04
PA14_60280	motility_and_attachment	PGD1660660	fimU	DrhIR vs WT	1.494977	2.75E-17
PA14_60290	motility_and_attachment	PGD1660662	pilW	DrhIR vs WT	1.051392	1.40E-08
PA14_60300	motility_and_attachment	PGD1660664	pilX	DrhIR vs WT	1.078827	2.42E-07
PA14_60480	hypothetical_unclassified	PGD1660696	NA	DrhIR vs WT	2.891662	1.33E-09
PA14_60520	hypothetical_unclassified	PGD1660702	NA	DrhIR vs WT	-1.49739	3.70E-28
PA14_60730	membrane_proteins	PGD1660736	NA	DrhIR vs WT	-1.04191	5.21E-08
PA14_60730	transport_of_small_molecule	PGD1660736	NA	DrhIR vs WT	-1.04191	5.21E-08
PA14_60750	carbon_compound_catabolis	PGD1660738	pra	DrhIR vs WT	-1.13211	0.00138
PA14_61010	hypothetical_unclassified	PGD1660780	NA	DrhIR vs WT	-1.22661	3.57E-06
PA14_61080	transport_of_small_molecule	PGD1660790	NA	DrhIR vs WT	1.932931	2.52E-11
PA14_61370	hypothetical_unclassified	PGD1660838	NA	DrhIR vs WT	1.479736	1.21E-04
PA14_61410	hypothetical_unclassified	PGD1660846	NA	DrhIR vs WT	-1.03288	6.93E-09
NA	NA	PGD1660915	NA	DrhIR vs WT	-1.34607	0.006298
PA14_61870	hypothetical_unclassified	PGD1660922	NA	DrhIR vs WT	-1.62641	1.05E-15
PA14_61910	hypothetical_unclassified	PGD1660928	NA	DrhIR vs WT	-1.03081	3.09E-05
PA14_62110	putative_enzymes	PGD1660964	NA	DrhIR vs WT	1.237253	0.006668
PA14_62240	hypothetical_unclassified	PGD1660984	NA	DrhIR vs WT	-1.07105	3.83E-06
PA14_62810	membrane_proteins	PGD1661080	secG	DrhIR vs WT	-1.05025	3.41E-04
PA14_62810	protein_secretion_export	PGD1661080	secG	DrhIR vs WT	-1.05025	3.41E-04
PA14_62990	chaperones_heat_shock	PGD1661110	grpE	DrhIR vs WT	1.666353	4.41E-21
PA14_62990	DNA_replication_recombinat	PGD1661110	grpE	DrhIR vs WT	1.666353	4.41E-21
PA14_63110	amino_acid_biosynthesis_mε	PGD1661132	NA	DrhIR vs WT	1.019252	0.010442
PA14_63120	amino_acid_biosynthesis_mε	PGD1661134	NA	DrhIR vs WT	1.347096	0.004566
PA14_63280	transcriptional_regulators	PGD1661160	NA	DrhIR vs WT	-1.38599	2.19E-20

PA14_63700	hypothetical_unclassified	PGD1661226	NA	DrhIR vs WT	-1.74181	0.005509
PA14_63740	hypothetical_unclassified	PGD1661234	NA	DrhIR vs WT	-1.14836	0.00728
PA14_63860	hypothetical_unclassified	PGD1661252	NA	DrhIR vs WT	-1.1407	1.16E-04
PA14_64050	transcriptional_regulators	PGD1661278	NA	DrhIR vs WT	1.498059	3.24E-14
PA14_64050	two_component_regulators	PGD1661278	NA	DrhIR vs WT	1.498059	3.24E-14
PA14_64460	adaptation_and_protection	PGD1661344	NA	DrhIR vs WT	-1.12744	9.77E-14
PA14_64480	membrane_proteins	PGD1661348	osmE	DrhIR vs WT	1.936466	3.16E-22
PA14_64690	membrane_proteins	PGD1661386	NA	DrhIR vs WT	1.23861	0.008851
PA14_64700	transcriptional_regulators	PGD1661388	NA	DrhIR vs WT	1.827963	1.22E-05
PA14_64750	membrane_proteins	PGD1661396	NA	DrhIR vs WT	-1.89674	3.25E-08
PA14_64750	transport_of_small_molecule	PGD1661396	NA	DrhIR vs WT	-1.89674	3.25E-08
PA14_64930	nucleotide_biosynthesis_and	PGD1661428	NA	DrhIR vs WT	-3.10817	2.16E-57
PA14_64940	biosynthesis_of_cofactors	PGD1661430	NA	DrhIR vs WT	-4.63415	3.84E-55
PA14_64960	biosynthesis_of_cofactors	PGD1661434	pncB1	DrhIR vs WT	1.047232	2.35E-07
PA14_65000	energy_metabolism_CAP	PGD1661440	azu	DrhIR vs WT	1.56933	2.75E-23
PA14_65690	nucleotide_biosynthesis_and	PGD1661538	NA	DrhIR vs WT	1.347785	4.32E-11
PA14_65690	putative_enzymes	PGD1661538	NA	DrhIR vs WT	1.347785	4.32E-11
PA14_65920	transport_of_small_molecule	PGD1661572	NA	DrhIR vs WT	-1.16966	0.023788
PA14_66340	hypothetical_unclassified	PGD1661640	NA	DrhIR vs WT	-1.10266	5.88E-11
PA14_66450	hypothetical_unclassified	PGD1661654	NA	DrhIR vs WT	2.091147	6.81E-21
PA14_66460	adaptation_and_protection	PGD1661656	NA	DrhIR vs WT	-1.99484	2.26E-15
PA14_66530	transcriptional_regulators	PGD1661666	NA	DrhIR vs WT	-1.55995	7.23E-06
PA14_66540	hypothetical_unclassified	PGD1661668	NA	DrhIR vs WT	2.080202	1.76E-17
PA14_66640	motility_and_attachment	PGD1661686	pilO	DrhIR vs WT	1.296731	2.70E-10
PA14_66650	motility_and_attachment	PGD1661688	pilN	DrhIR vs WT	1.153346	1.85E-07
PA14_66770	chaperones_heat_shock	PGD1661708	hslV	DrhIR vs WT	1.766243	2.75E-23
PA14_66790	chaperones_heat_shock	PGD1661710	hslU	DrhIR vs WT	1.279424	1.51E-08
PA14_66850	transcriptional_regulators	PGD1661720	NA	DrhIR vs WT	-1.01269	2.35E-07
PA14_67150	amino_acid_biosynthesis_mε	PGD1661770	NA	DrhIR vs WT	1.117992	1.71E-05
PA14_67320	amino_acid_biosynthesis_mε	PGD1661800	hutH	DrhIR vs WT	1.481932	1.29E-08
PA14_67320	central_intermediary_metab	PGD1661800	hutH	DrhIR vs WT	1.481932	1.29E-08
PA14_67440	putative_enzymes	PGD1661816	NA	DrhIR vs WT	-1.08064	2.90E-11
PA14_67540	hypothetical_unclassified	PGD1661834	NA	DrhIR vs WT	-1.53105	1.09E-05
PA14_67550	transcriptional_regulators	PGD1661836	NA	DrhIR vs WT	-1.08544	0.0051
PA14_67640	hypothetical_unclassified	PGD1661848	NA	DrhIR vs WT	1.28728	2.72E-09
PA14_67840	transport_of_small_molecule	PGD1661878	NA	DrhIR vs WT	1.383735	2.79E-10
PA14_67850	transport_of_small_molecule	PGD1661880	NA	DrhIR vs WT	1.316855	8.14E-08
PA14_67860	transport_of_small_molecule	PGD1661882	NA	DrhIR vs WT	2.076386	7.16E-14
PA14_68170	cell_wall_LPS	PGD1661934	rmlB	DrhIR vs WT	-2.23757	1.20E-88
PA14_68190	cell_wall_LPS	PGD1661936	rmlD	DrhIR vs WT	-2.33013	3.89E-54
PA14_68200	cell_wall_LPS	PGD1661938	rmlA	DrhIR vs WT	-1.43289	3.44E-21
PA14_68210	cell_wall_LPS	PGD1661940	rmlC	DrhIR vs WT	-1.60673	5.14E-34
PA14_68300	amino_acid_biosynthesis_mε	PGD1661952	arcD	DrhIR vs WT	1.6247	2.40E-08
PA14_68300	membrane_proteins	PGD1661952	arcD	DrhIR vs WT	1.6247	2.40E-08
PA14_68300	transport_of_small_molecule	PGD1661952	arcD	DrhIR vs WT	1.6247	2.40E-08
PA14_68630	chaperones_heat_shock	PGD1662004	NA	DrhIR vs WT	-1.79014	1.09E-06
PA14_68930	membrane_proteins	PGD1662052	NA	DrhIR vs WT	-5.28053	1.93E-22
PA14_68930	transport_of_small_molecule	PGD1662052	NA	DrhIR vs WT	-5.28053	1.93E-22
PA14_68940	hypothetical_unclassified	PGD1662054	NA	DrhIR vs WT	-5.96063	9.81E-45
PA14_69270	biosynthesis_of_cofactors	PGD1662106	NA	DrhIR vs WT	1.084991	1.13E-04



PA14_69600	hypothetical_unclassified	PGD1662160	NA	DrhIR vs WT	-1.48688	8.05E-13
PA14_69660	cell_wall_LPS	PGD1662170	lppL	DrhIR vs WT	-1.01101	7.04E-04
PA14_69660	fatty_acid_and_phospholipid	PGD1662170	lppL	DrhIR vs WT	-1.01101	7.04E-04
PA14_69780	hypothetical_unclassified	PGD1662190	NA	DrhIR vs WT	-1.31631	6.63E-14
PA14_69925	central_intermediary_metab	PGD1662212	poxB	DrhIR vs WT	1.664531	1.03E-07
PA14_69925	energy_metabolism_CAP	PGD1662212	poxB	DrhIR vs WT	1.664531	1.03E-07
PA14_70050	hypothetical_unclassified	PGD1662228	NA	DrhIR vs WT	-1.15043	4.86E-13
PA14_70100	amino_acid_biosynthesis_mε	PGD1662236	NA	DrhIR vs WT	1.082579	1.58E-09
PA14_70100	carbon_compound_catabolis	PGD1662236	NA	DrhIR vs WT	1.082579	1.58E-09
PA14_70100	putative_enzymes	PGD1662236	NA	DrhIR vs WT	1.082579	1.58E-09
PA14_70740	protein_secretion_export	PGD1662336	NA	DrhIR vs WT	-1.00452	7.46E-09
PA14_70750	transcriptional_regulators	PGD1662338	phoB	DrhIR vs WT	1.086125	2.51E-07
PA14_70750	two_component_regulators	PGD1662338	phoB	DrhIR vs WT	1.086125	2.51E-07
PA14_70810	transport_of_small_moleculε	PGD1662350	pstB	DrhIR vs WT	1.134654	4.18E-04
PA14_70850	membrane_proteins	PGD1662354	pstC	DrhIR vs WT	1.301641	8.84E-05
PA14_70850	transport_of_small_moleculε	PGD1662354	pstC	DrhIR vs WT	1.301641	8.84E-05
PA14_70860	transport_of_small_moleculε	PGD1662356	NA	DrhIR vs WT	1.521508	4.97E-04
PA14_71060	amino_acid_biosynthesis_mε	PGD1662386	sdaB	DrhIR vs WT	-1.50115	1.29E-08
PA14_71080	hypothetical_unclassified	PGD1662390	NA	DrhIR vs WT	-1.56831	3.25E-08
PA14_71100	membrane_proteins	PGD1662394	NA	DrhIR vs WT	2.123028	5.59E-05
PA14_71240	amino_acid_biosynthesis_mε	PGD1662420	NA	DrhIR vs WT	-1.57553	0.001534
PA14_71250	hypothetical_unclassified	PGD1662422	NA	DrhIR vs WT	-2.11592	0.001553
PA14_71260	amino_acid_biosynthesis_mε	PGD1662424	NA	DrhIR vs WT	-1.22163	4.85E-07
PA14_71260	energy_metabolism_CAP	PGD1662424	NA	DrhIR vs WT	-1.22163	4.85E-07
PA14_71280	amino_acid_biosynthesis_mε	PGD1662426	NA	DrhIR vs WT	-1.83811	1.16E-06
PA14_71280	energy_metabolism_CAP	PGD1662426	NA	DrhIR vs WT	-1.83811	1.16E-06
PA14_71300	energy_metabolism_CAP	PGD1662428	NA	DrhIR vs WT	-1.57952	0.00722
PA14_71410	transport_of_small_moleculε	PGD1662450	NA	DrhIR vs WT	-3.55715	9.84E-08
PA14_71420	energy_metabolism_CAP	PGD1662452	NA	DrhIR vs WT	-1.52818	1.30E-05
PA14_71460	amino_acid_biosynthesis_mε	PGD1662460	glyA1	DrhIR vs WT	-3.29002	4.71E-09
PA14_71470	amino_acid_biosynthesis_mε	PGD1662462	soxB	DrhIR vs WT	-2.14749	1.20E-08
PA14_71470	carbon_compound_catabolis	PGD1662462	soxB	DrhIR vs WT	-2.14749	1.20E-08
PA14_71490	amino_acid_biosynthesis_mε	PGD1662464	soxD	DrhIR vs WT	-1.82163	0.037773
PA14_71490	carbon_compound_catabolis	PGD1662464	soxD	DrhIR vs WT	-1.82163	0.037773
PA14_71500	carbon_compound_catabolis	PGD1662466	soxA	DrhIR vs WT	-2.49934	1.35E-11
PA14_71510	amino_acid_biosynthesis_mε	PGD1662468	soxG	DrhIR vs WT	-1.87831	4.30E-04
PA14_71510	carbon_compound_catabolis	PGD1662468	soxG	DrhIR vs WT	-1.87831	4.30E-04
PA14_71530	nucleotide_biosynthesis_and	PGD1662470	purU2	DrhIR vs WT	-2.06204	5.92E-05
PA14_71560	amino_acid_biosynthesis_mε	PGD1662472	fdhA	DrhIR vs WT	-2.46687	1.25E-09
PA14_71580	hypothetical_unclassified	PGD1662476	NA	DrhIR vs WT	1.252113	3.61E-10
PA14_72260	transport_of_small_moleculε	PGD1662584	NA	DrhIR vs WT	-1.17255	6.39E-06
PA14_72760	adaptation_and_protection	PGD1662662	NA	DrhIR vs WT	1.001529	1.90E-09
PA14_72760	antibiotic_resistance_and_su	PGD1662662	NA	DrhIR vs WT	1.001529	1.90E-09
PA14_72760	putative_enzymes	PGD1662662	NA	DrhIR vs WT	1.001529	1.90E-09
PA14_72830	hypothetical_unclassified	PGD1662676	NA	DrhIR vs WT	-1.07436	7.43E-04
PA14_72880	biosynthesis_of_cofactors	PGD1662684	NA	DrhIR vs WT	-1.41009	5.37E-11
PA14_72890	transcriptional_regulators	PGD1662686	NA	DrhIR vs WT	-1.59821	2.68E-19
PA14_72970	transport_of_small_moleculε	PGD1662698	tonB	DrhIR vs WT	1.111355	4.71E-04
PA14_73000	hypothetical_unclassified	PGD1662704	NA	DrhIR vs WT	-1.18436	0.007809
PA14_00050	DNA_replication_recombinat	PGD1650841	gyrB	Dcrc vs WT	1.013031	2.41E-10

PA14_00100	amino_acid_biosynthesis_mε	PGD1650851	glyQ	Dcrc vs WT	1.412525	5.12E-05
PA14_00100	translation_posttranslational	PGD1650851	glyQ	Dcrc vs WT	1.412525	5.12E-05
PA14_00190	amino_acid_biosynthesis_mε	PGD1650869	fmt	Dcrc vs WT	1.146597	1.34E-04
PA14_00190	translation_posttranslational	PGD1650869	fmt	Dcrc vs WT	1.146597	1.34E-04
PA14_00310	translation_posttranslational	PGD1650887	NA	Dcrc vs WT	-1.49929	2.04E-18
PA14_00320	hypothetical_unclassified	PGD1650889	NA	Dcrc vs WT	-1.62747	9.70E-09
PA14_00340	transport_of_small_molecule	PGD1650891	NA	Dcrc vs WT	-1.20869	0.023893
PA14_00570	cell_wall_LPS	PGD1650927	NA	Dcrc vs WT	1.321645	0.002954
PA14_00700	antibiotic_resistance_and_su	PGD1650951	NA	Dcrc vs WT	-1.91399	7.66E-04
PA14_00700	biosynthesis_of_cofactors	PGD1650951	NA	Dcrc vs WT	-1.91399	7.66E-04
PA14_00850	membrane_proteins	PGD1650979	tagS1	Dcrc vs WT	-1.55257	1.58E-06
PA14_00850	protein_secretion_export	PGD1650979	tagS1	Dcrc vs WT	-1.55257	1.58E-06
PA14_00850	transport_of_small_molecule	PGD1650979	tagS1	Dcrc vs WT	-1.55257	1.58E-06
PA14_00890	protein_secretion_export	PGD1650985	pppA	Dcrc vs WT	-1.47183	5.69E-06
PA14_00890	putative_enzymes	PGD1650985	pppA	Dcrc vs WT	-1.47183	5.69E-06
PA14_00900	protein_secretion_export	PGD1650987	tagF1	Dcrc vs WT	-1.4102	1.14E-04
PA14_00970	hypothetical_unclassified	PGD1650997	NA	Dcrc vs WT	-1.10049	2.12E-05
PA14_00980	hypothetical_unclassified	PGD1650999	fha1	Dcrc vs WT	-1.05278	2.21E-07
PA14_01010	protein_secretion_export	PGD1651003	hsiB1	Dcrc vs WT	1.089794	1.28E-04
PA14_01120	hypothetical_unclassified	PGD1651021	tsi6	Dcrc vs WT	1.024676	0.02298
PA14_01190	fatty_acid_and_phospholipid	PGD1651035	NA	Dcrc vs WT	-1.50642	5.06E-06
PA14_01230	hypothetical_unclassified	PGD1651041	NA	Dcrc vs WT	-1.07458	6.16E-06
PA14_01310	central_intermediary_metab	PGD1651053	NA	Dcrc vs WT	1.215414	2.99E-06
PA14_01310	energy_metabolism_CAP	PGD1651053	NA	Dcrc vs WT	1.215414	2.99E-06
PA14_01620	amino_acid_biosynthesis_mε	PGD1651103	aptA	Dcrc vs WT	1.088617	5.67E-05
PA14_01620	carbon_compound_catabolis	PGD1651103	aptA	Dcrc vs WT	1.088617	5.67E-05
PA14_01670	transport_of_small_molecule	PGD1651109	NA	Dcrc vs WT	-1.18886	9.77E-05
PA14_01710	adaptation_and_protection	PGD1651115	ahpC	Dcrc vs WT	1.247387	2.35E-20
PA14_02060	membrane_proteins	PGD1651169	NA	Dcrc vs WT	1.631993	4.22E-05
PA14_02100	hypothetical_unclassified	PGD1651175	NA	Dcrc vs WT	-1.09136	7.38E-05
PA14_02180	chemotaxis	PGD1651185	cheB	Dcrc vs WT	-1.30395	3.59E-05
PA14_02270	chemotaxis	PGD1651199	NA	Dcrc vs WT	-1.01604	1.30E-11
PA14_02380	fatty_acid_and_phospholipid	PGD1651215	NA	Dcrc vs WT	1.047744	0.009367
PA14_02380	putative_enzymes	PGD1651215	NA	Dcrc vs WT	1.047744	0.009367
PA14_02435	putative_enzymes	PGD1651223	NA	Dcrc vs WT	-1.31916	0.02044
PA14_02520	hypothetical_unclassified	PGD1651237	NA	Dcrc vs WT	-1.39847	6.15E-07
PA14_02550	carbon_compound_catabolis	PGD1651241	mdcA	Dcrc vs WT	1.113558	1.01E-04
PA14_02730	amino_acid_biosynthesis_mε	PGD1651271	NA	Dcrc vs WT	-1.21077	0.001084
PA14_02890	hypothetical_unclassified	PGD1651293	NA	Dcrc vs WT	1.029129	0.006746
PA14_02960	hypothetical_unclassified	PGD1651301	NA	Dcrc vs WT	-1.41602	0.001106
PA14_02970	membrane_proteins	PGD1651303	NA	Dcrc vs WT	1.298345	2.84E-04
PA14_03000	amino_acid_biosynthesis_mε	PGD1651309	NA	Dcrc vs WT	-1.78938	1.38E-05
PA14_03000	putative_enzymes	PGD1651309	NA	Dcrc vs WT	-1.78938	1.38E-05
PA14_03110	hypothetical_unclassified	PGD1651329	NA	Dcrc vs WT	1.639156	2.06E-05
PA14_03450	amino_acid_biosynthesis_mε	PGD1651395	gabT	Dcrc vs WT	1.33226	3.00E-10
PA14_03450	carbon_compound_catabolis	PGD1651395	gabT	Dcrc vs WT	1.33226	3.00E-10
PA14_03450	central_intermediary_metab	PGD1651395	gabT	Dcrc vs WT	1.33226	3.00E-10
PA14_03590	membrane_proteins	PGD1651415	NA	Dcrc vs WT	-1.23597	1.16E-04
PA14_03610	chaperones_heat_shock	PGD1651417	NA	Dcrc vs WT	1.318692	8.90E-05
PA14_03630	transcriptional_regulators	PGD1651421	NA	Dcrc vs WT	-1.0732	0.009367

PA14_03670	membrane_proteins	PGD1651425	cysW	Dcrc vs WT	1.28918	1.60E-05
PA14_03670	transport_of_small_molecule	PGD1651425	cysW	Dcrc vs WT	1.28918	1.60E-05
PA14_03680	membrane_proteins	PGD1651427	cysT	Dcrc vs WT	1.154154	0.001071
PA14_03680	transport_of_small_molecule	PGD1651427	cysT	Dcrc vs WT	1.154154	0.001071
PA14_03700	transport_of_small_molecule	PGD1651429	sbp	Dcrc vs WT	1.452448	3.53E-06
PA14_03770	amino_acid_biosynthesis_mε	PGD1651439	speB1	Dcrc vs WT	1.019069	0.002187
PA14_03880	amino_acid_biosynthesis_mε	PGD1651459	spuB	Dcrc vs WT	1.256771	2.90E-16
PA14_03880	carbon_compound_catabolis	PGD1651459	spuB	Dcrc vs WT	1.256771	2.90E-16
PA14_03880	putative_enzymes	PGD1651459	spuB	Dcrc vs WT	1.256771	2.90E-16
PA14_03900	biosynthesis_of_cofactors	PGD1651461	spuC	Dcrc vs WT	1.423998	3.07E-28
PA14_03920	transport_of_small_molecule	PGD1651463	spuD	Dcrc vs WT	1.273969	2.82E-12
PA14_03930	transport_of_small_molecule	PGD1651465	spuE	Dcrc vs WT	1.132637	2.51E-08
PA14_03940	transport_of_small_molecule	PGD1651467	spuF	Dcrc vs WT	1.358906	6.53E-09
PA14_03950	membrane_proteins	PGD1651469	spuG	Dcrc vs WT	1.101321	1.23E-05
PA14_03950	transport_of_small_molecule	PGD1651469	spuG	Dcrc vs WT	1.101321	1.23E-05
PA14_03960	transport_of_small_molecule	PGD1651471	spuH	Dcrc vs WT	1.00671	4.87E-11
PA14_04110	amino_acid_biosynthesis_mε	PGD1651497	serA	Dcrc vs WT	1.368818	7.60E-12
PA14_04180	hypothetical_unclassified	PGD1651505	NA	Dcrc vs WT	1.451494	0.001045
PA14_04330	membrane_proteins	PGD1651529	NA	Dcrc vs WT	-1.01003	4.89E-05
PA14_04340	transport_of_small_molecule	PGD1651531	NA	Dcrc vs WT	-1.09752	1.87E-05
PA14_04520	membrane_proteins	PGD1651557	NA	Dcrc vs WT	-1.01889	3.26E-06
PA14_04970	biosynthesis_of_cofactors	PGD1651631	NA	Dcrc vs WT	-1.34979	3.86E-05
PA14_05080	amino_acid_biosynthesis_mε	PGD1651651	metX	Dcrc vs WT	1.055586	1.35E-04
PA14_05510	membrane_proteins	PGD1651719	NA	Dcrc vs WT	1.121161	8.82E-08
PA14_05510	secreted_factors	PGD1651719	NA	Dcrc vs WT	1.121161	8.82E-08
PA14_05600	hypothetical_unclassified	PGD1651735	NA	Dcrc vs WT	1.000198	1.62E-04
PA14_05620	amino_acid_biosynthesis_mε	PGD1651737	sahH	Dcrc vs WT	1.318138	3.03E-13
PA14_05620	central_intermediary_metab	PGD1651737	sahH	Dcrc vs WT	1.318138	3.03E-13
PA14_05770	nucleotide_biosynthesis_and	PGD1651755	dhT	Dcrc vs WT	-1.2616	1.49E-05
PA14_05880	membrane_proteins	PGD1651773	NA	Dcrc vs WT	-1.31183	1.11E-05
PA14_06570	biosynthesis_of_cofactors	PGD1651873	bioD	Dcrc vs WT	-1.06529	0.00319
PA14_06650	energy_metabolism_CAP	PGD1651883	nirN	Dcrc vs WT	-1.34642	2.66E-08
PA14_06660	biosynthesis_of_cofactors	PGD1651885	nirE	Dcrc vs WT	-1.67153	6.80E-05
PA14_06660	energy_metabolism_CAP	PGD1651885	nirE	Dcrc vs WT	-1.67153	6.80E-05
PA14_06740	energy_metabolism_CAP	PGD1651901	nirM	Dcrc vs WT	-1.68439	6.18E-09
PA14_06770	central_intermediary_metab	PGD1651905	nirQ	Dcrc vs WT	-1.43831	2.92E-06
PA14_06770	energy_metabolism_CAP	PGD1651905	nirQ	Dcrc vs WT	-1.43831	2.92E-06
PA14_06790	energy_metabolism_CAP	PGD1651907	NA	Dcrc vs WT	-1.64391	7.39E-07
PA14_06800	hypothetical_unclassified	PGD1651909	NA	Dcrc vs WT	-2.884	1.04E-08
PA14_06810	energy_metabolism_CAP	PGD1651911	norC	Dcrc vs WT	-1.03469	2.23E-04
PA14_06840	energy_metabolism_CAP	PGD1651915	NA	Dcrc vs WT	-1.77289	8.02E-11
PA14_06860	hypothetical_unclassified	PGD1651917	NA	Dcrc vs WT	-1.51561	1.51E-07
NA	NA	PGD1651922	NA	Dcrc vs WT	-2.18963	3.48E-05
PA14_07050	biosynthesis_of_cofactors	PGD1651955	NA	Dcrc vs WT	-1.07869	2.73E-08
PA14_07090	amino_acid_biosynthesis_mε	PGD1651961	metK	Dcrc vs WT	1.431676	2.95E-15
PA14_07090	antibiotic_resistance_and_su	PGD1651961	metK	Dcrc vs WT	1.431676	2.95E-15
PA14_07090	central_intermediary_metab	PGD1651961	metK	Dcrc vs WT	1.431676	2.95E-15
PA14_07430	hypothetical_unclassified	PGD1652013	NA	Dcrc vs WT	-2.14873	2.59E-15
PA14_07550	hypothetical_unclassified	PGD1652031	NA	Dcrc vs WT	1.713558	1.43E-13
PA14_07970	transcription_RNA_processin	PGD1652099	NA	Dcrc vs WT	1.1513	0.030863

PA14_07980	hypothetical_unclassified	PGD1652101	NA	Dcrc vs WT	1.132456	0.00483
PA14_08090	relative_phage_transposon	PGD1652121	NA	Dcrc vs WT	1.291275	0.001721
PA14_08210	relative_phage_transposon	PGD1652143	NA	Dcrc vs WT	1.353584	6.04E-04
PA14_08220	hypothetical_unclassified	PGD1652145	NA	Dcrc vs WT	1.135449	0.016109
PA14_08270	hypothetical_unclassified	PGD1652155	NA	Dcrc vs WT	1.235602	0.047911
PA14_08720	translation_posttranslational	PGD1652237	rplK	Dcrc vs WT	1.346648	3.54E-24
PA14_08730	translation_posttranslational	PGD1652239	rplA	Dcrc vs WT	1.114863	9.31E-14
PA14_08740	translation_posttranslational	PGD1652241	rplJ	Dcrc vs WT	1.373409	3.12E-12
PA14_08780	transcription_RNA_processin	PGD1652247	rpoC	Dcrc vs WT	1.103839	1.08E-11
PA14_08810	translation_posttranslational	PGD1652251	rpsG	Dcrc vs WT	1.415636	1.81E-17
PA14_08820	transcription_RNA_processin	PGD1652253	fusA1	Dcrc vs WT	1.213236	1.21E-10
PA14_08830	translation_posttranslational	PGD1652255	tufA	Dcrc vs WT	1.109813	8.33E-09
PA14_08850	translation_posttranslational	PGD1652259	rplC	Dcrc vs WT	1.125987	7.19E-11
PA14_08860	transcription_RNA_processin	PGD1652261	rplD	Dcrc vs WT	1.395677	1.97E-13
PA14_08860	translation_posttranslational	PGD1652261	rplD	Dcrc vs WT	1.395677	1.97E-13
PA14_08870	translation_posttranslational	PGD1652263	rplW	Dcrc vs WT	1.261857	1.88E-12
PA14_08880	translation_posttranslational	PGD1652265	rplB	Dcrc vs WT	1.270405	2.87E-21
PA14_08930	translation_posttranslational	PGD1652275	rpmC	Dcrc vs WT	1.581108	2.24E-17
PA14_08940	translation_posttranslational	PGD1652277	rpsQ	Dcrc vs WT	1.159659	5.38E-09
PA14_08970	translation_posttranslational	PGD1652283	rplE	Dcrc vs WT	1.292729	1.57E-13
PA14_09000	translation_posttranslational	PGD1652289	rplF	Dcrc vs WT	1.811786	2.81E-20
PA14_09010	translation_posttranslational	PGD1652291	rplR	Dcrc vs WT	1.434167	2.11E-13
PA14_09020	translation_posttranslational	PGD1652293	rpsE	Dcrc vs WT	1.193471	7.04E-11
PA14_09030	translation_posttranslational	PGD1652295	rpmD	Dcrc vs WT	1.384394	1.36E-13
PA14_09040	translation_posttranslational	PGD1652297	rplO	Dcrc vs WT	1.527029	2.87E-21
PA14_09090	translation_posttranslational	PGD1652305	rpsK	Dcrc vs WT	1.495405	8.59E-13
PA14_09100	translation_posttranslational	PGD1652307	rpsD	Dcrc vs WT	1.271482	5.80E-09
PA14_09115	transcription_RNA_processin	PGD1652309	rpoA	Dcrc vs WT	1.309867	1.20E-10
PA14_09130	translation_posttranslational	PGD1652311	rplQ	Dcrc vs WT	1.130059	1.10E-12
PA14_09400	putative_enzymes	PGD1652351	phzS	Dcrc vs WT	2.07891	2.23E-18
PA14_09410	secreted_factors	PGD1652353	phzG1	Dcrc vs WT	2.175303	1.44E-07
PA14_09460	secreted_factors	PGD1652361	phzC1	Dcrc vs WT	1.772963	1.63E-07
PA14_09470	secreted_factors	PGD1652363	phzB1	Dcrc vs WT	2.21381	2.88E-09
PA14_09480	secreted_factors	PGD1652365	phzA1	Dcrc vs WT	2.515461	3.04E-12
PA14_09490	putative_enzymes	PGD1652367	phzM	Dcrc vs WT	1.480543	3.42E-12
PA14_09520	transport_of_small_molecule	PGD1652371	mexI	Dcrc vs WT	1.128065	1.02E-06
PA14_09870	hypothetical_unclassified	PGD1652419	eftM	Dcrc vs WT	1.897147	3.57E-10
PA14_10200	membrane_proteins	PGD1652475	NA	Dcrc vs WT	1.456675	4.39E-05
PA14_10230	carbon_compound_catabolis	PGD1652481	adh	Dcrc vs WT	2.018615	8.61E-09
PA14_10240	carbon_compound_catabolis	PGD1652483	NA	Dcrc vs WT	2.225167	0.000249
PA14_10250	carbon_compound_catabolis	PGD1652485	acoB	Dcrc vs WT	3.14792	2.67E-10
PA14_10260	carbon_compound_catabolis	PGD1652487	NA	Dcrc vs WT	1.555788	3.15E-04
PA14_10270	carbon_compound_catabolis	PGD1652489	NA	Dcrc vs WT	3.237299	0.022112
PA14_10280	putative_enzymes	PGD1652491	NA	Dcrc vs WT	2.212654	0.002448
PA14_10290	transcriptional_regulators	PGD1652493	acoR	Dcrc vs WT	1.675634	1.21E-21
PA14_10300	protein_secretion_export	PGD1652495	NA	Dcrc vs WT	2.137385	5.40E-10
PA14_10380	hypothetical_unclassified	PGD1652509	NA	Dcrc vs WT	-1.0298	5.29E-11
PA14_10770	two_component_regulators	PGD1652567	NA	Dcrc vs WT	-1.02642	5.32E-11
PA14_10850	putative_enzymes	PGD1652581	NA	Dcrc vs WT	1.313414	3.53E-06
PA14_10910	transport_of_small_molecule	PGD1652589	NA	Dcrc vs WT	-2.15871	1.55E-05

PA14_10990	carbon_compound_catabolis	PGD1652603	hpaC	Dcrc vs WT	1.738043	2.03E-07
PA14_11000	carbon_compound_catabolis	PGD1652605	hpaA	Dcrc vs WT	2.341846	3.37E-36
PA14_11050	hypothetical_unclassified	PGD1652613	NA	Dcrc vs WT	-2.5817	6.55E-04
PA14_11170	hypothetical_unclassified	PGD1652637	NA	Dcrc vs WT	-1.09594	2.37E-10
PA14_11400	antibiotic_resistance_and_su	PGD1652673	ribD	Dcrc vs WT	-1.01054	2.76E-08
PA14_11400	biosynthesis_of_cofactors	PGD1652673	ribD	Dcrc vs WT	-1.01054	2.76E-08
PA14_11690	central_intermediary_metab	PGD1652723	ppa	Dcrc vs WT	1.201646	2.07E-21
PA14_11690	energy_metabolism_CAP	PGD1652723	ppa	Dcrc vs WT	1.201646	2.07E-21
PA14_11790	transport_of_small_molecul	PGD1652739	NA	Dcrc vs WT	1.061219	3.21E-04
PA14_11810	putative_enzymes	PGD1652741	NA	Dcrc vs WT	1.987117	4.37E-26
PA14_11880	hypothetical_unclassified	PGD1652749	NA	Dcrc vs WT	-1.09739	1.43E-04
PA14_11990	membrane_proteins	PGD1652769	NA	Dcrc vs WT	-1.40299	2.97E-05
PA14_11990	putative_enzymes	PGD1652769	NA	Dcrc vs WT	-1.40299	2.97E-05
PA14_12140	transcriptional_regulators	PGD1652795	NA	Dcrc vs WT	-1.08312	4.90E-10
PA14_12400	biosynthesis_of_cofactors	PGD1652831	thiE	Dcrc vs WT	-1.14229	5.26E-05
PA14_12440	transcriptional_regulators	PGD1652837	NA	Dcrc vs WT	-2.18125	1.81E-14
PA14_12590	hypothetical_unclassified	PGD1652855	NA	Dcrc vs WT	-1.14266	1.78E-04
PA14_12640	hypothetical_unclassified	PGD1652863	NA	Dcrc vs WT	1.13196	0.028148
PA14_12920	transport_of_small_molecul	PGD1652907	NA	Dcrc vs WT	1.809492	2.74E-06
PA14_12940	transport_of_small_molecul	PGD1652909	NA	Dcrc vs WT	1.415639	0.001024
PA14_12960	transport_of_small_molecul	PGD1652911	NA	Dcrc vs WT	1.898857	2.76E-04
PA14_12970	carbon_compound_catabolis	PGD1652913	tauD	Dcrc vs WT	1.245034	0.00924
PA14_13000	transcriptional_regulators	PGD1652919	NA	Dcrc vs WT	1.199871	1.85E-05
PA14_13010	hypothetical_unclassified	PGD1652921	NA	Dcrc vs WT	1.697421	2.76E-08
PA14_13050	hypothetical_unclassified	PGD1652927	NA	Dcrc vs WT	-1.89656	6.02E-10
PA14_13230	biosynthesis_of_cofactors	PGD1652953	moaC	Dcrc vs WT	-1.16545	8.39E-13
PA14_13240	biosynthesis_of_cofactors	PGD1652955	moaD	Dcrc vs WT	-1.22496	4.26E-05
PA14_13250	biosynthesis_of_cofactors	PGD1652957	moaE	Dcrc vs WT	-2.1192	3.00E-20
PA14_13260	biosynthesis_of_cofactors	PGD1652959	moaB1	Dcrc vs WT	-1.44328	1.63E-07
PA14_13280	biosynthesis_of_cofactors	PGD1652961	moeA1	Dcrc vs WT	-2.17783	1.36E-11
PA14_13290	translation_posttranslational	PGD1652963	NA	Dcrc vs WT	-1.76446	3.08E-11
PA14_13300	translation_posttranslational	PGD1652965	NA	Dcrc vs WT	-1.64335	1.40E-08
PA14_13320	fatty_acid_and_phospholipid	PGD1652967	NA	Dcrc vs WT	-1.72338	2.27E-08
PA14_13330	nucleotide_biosynthesis_and	PGD1652969	NA	Dcrc vs WT	-1.10813	3.41E-06
PA14_13330	putative_enzymes	PGD1652969	NA	Dcrc vs WT	-1.10813	3.41E-06
PA14_13330	secreted_factors	PGD1652969	NA	Dcrc vs WT	-1.10813	3.41E-06
PA14_13390	hypothetical_unclassified	PGD1652981	NA	Dcrc vs WT	-1.66862	5.11E-08
PA14_13580	transport_of_small_molecul	PGD1653007	NA	Dcrc vs WT	1.191158	6.14E-05
PA14_13590	membrane_proteins	PGD1653009	NA	Dcrc vs WT	1.491948	3.53E-07
PA14_13590	transport_of_small_molecul	PGD1653009	NA	Dcrc vs WT	1.491948	3.53E-07
PA14_13720	hypothetical_unclassified	PGD1653031	NA	Dcrc vs WT	-1.21051	4.57E-04
PA14_13840	chaperones_heat_shock	PGD1653049	NA	Dcrc vs WT	-1.58208	4.51E-06
PA14_13840	translation_posttranslational	PGD1653049	NA	Dcrc vs WT	-1.58208	4.51E-06
PA14_14060	fatty_acid_and_phospholipid	PGD1653083	NA	Dcrc vs WT	-1.52036	5.77E-14
PA14_14060	putative_enzymes	PGD1653083	NA	Dcrc vs WT	-1.52036	5.77E-14
PA14_14270	putative_enzymes	PGD1653111	NA	Dcrc vs WT	-1.08804	1.60E-08
PA14_14330	chaperones_heat_shock	PGD1653123	NA	Dcrc vs WT	1.257698	0.009367
PA14_14330	protein_secretion_export	PGD1653123	NA	Dcrc vs WT	1.257698	0.009367
PA14_14330	secreted_factors	PGD1653123	NA	Dcrc vs WT	1.257698	0.009367
PA14_14560	hypothetical_unclassified	PGD1653165	NA	Dcrc vs WT	1.173606	7.54E-06

PA14_14650	protein_secretion_export	PGD1653177	secF	Dcrc vs WT	1.102405	3.88E-17
PA14_15150	transcriptional_regulators	PGD1653253	NA	Dcrc vs WT	-1.13708	1.58E-08
PA14_15180	membrane_proteins	PGD1653257	NA	Dcrc vs WT	1.359372	6.38E-06
PA14_15180	transport_of_small_molecule	PGD1653257	NA	Dcrc vs WT	1.359372	6.38E-06
PA14_15190	membrane_proteins	PGD1653259	NA	Dcrc vs WT	1.135754	0.045512
PA14_15190	transport_of_small_molecule	PGD1653259	NA	Dcrc vs WT	1.135754	0.045512
PA14_15200	transport_of_small_molecule	PGD1653261	NA	Dcrc vs WT	1.163504	3.98E-05
PA14_15445	hypothetical_unclassified	PGD1653299	merE	Dcrc vs WT	1.153064	0.018507
PA14_15680	nucleotide_biosynthesis_and	PGD1653345	NA	Dcrc vs WT	-1.04918	3.39E-10
PA14_15710	hypothetical_unclassified	PGD1653349	NA	Dcrc vs WT	-1.71048	6.15E-05
PA14_15850	nucleotide_biosynthesis_and	PGD1653371	NA	Dcrc vs WT	-1.12394	3.06E-06
PA14_15970	DNA_replication_recombinat	PGD1653391	rpsP	Dcrc vs WT	1.023137	7.78E-13
PA14_15970	translation_posttranslational	PGD1653391	rpsP	Dcrc vs WT	1.023137	7.78E-13
PA14_15980	transcription_RNA_processin	PGD1653393	rimM	Dcrc vs WT	1.47358	4.12E-26
PA14_15990	transcription_RNA_processin	PGD1653395	trmD	Dcrc vs WT	1.398359	3.02E-22
PA14_16000	transcription_RNA_processin	PGD1653397	rplS	Dcrc vs WT	1.093392	8.13E-14
PA14_16000	translation_posttranslational	PGD1653397	rplS	Dcrc vs WT	1.093392	8.13E-14
PA14_16010	fatty_acid_and_phospholipid	PGD1653399	NA	Dcrc vs WT	2.103645	1.41E-05
PA14_16410	transport_of_small_molecule	PGD1653465	NA	Dcrc vs WT	1.060042	1.08E-04
PA14_16630	membrane_proteins	PGD1653499	NA	Dcrc vs WT	1.522364	1.63E-08
PA14_16630	transport_of_small_molecule	PGD1653499	NA	Dcrc vs WT	1.522364	1.63E-08
PA14_16700	nucleotide_biosynthesis_and	PGD1653511	adk	Dcrc vs WT	1.188244	2.04E-18
PA14_16720	hypothetical_unclassified	PGD1653515	pemA	Dcrc vs WT	-1.13625	1.79E-06
PA14_16950	amino_acid_biosynthesis_mε	PGD1653551	dapD	Dcrc vs WT	1.12942	4.04E-06
PA14_16950	cell_wall_LPS	PGD1653551	dapD	Dcrc vs WT	1.12942	4.04E-06
PA14_17070	translation_posttranslational	PGD1653573	tsf	Dcrc vs WT	1.023547	1.74E-10
PA14_17640	transport_of_small_molecule	PGD1653669	potA	Dcrc vs WT	1.227168	0.048205
PA14_17710	translation_posttranslational	PGD1653683	rpmJ	Dcrc vs WT	1.137848	1.16E-05
PA14_17880	carbon_compound_catabolis	PGD1653705	NA	Dcrc vs WT	-2.20306	0.009131
PA14_17880	fatty_acid_and_phospholipid	PGD1653705	NA	Dcrc vs WT	-2.20306	0.009131
PA14_17900	transcriptional_regulators	PGD1653709	metR	Dcrc vs WT	1.014642	6.66E-08
PA14_17960	central_intermediary_metab	PGD1653719	glpK	Dcrc vs WT	1.358202	1.96E-08
PA14_18120	amino_acid_biosynthesis_mε	PGD1653745	mmsA	Dcrc vs WT	1.405071	5.61E-29
PA14_18150	fatty_acid_and_phospholipid	PGD1653749	NA	Dcrc vs WT	2.276753	1.17E-41
PA14_18210	DNA_replication_recombinat	PGD1653757	NA	Dcrc vs WT	-1.47575	4.71E-04
PA14_18590	hypothetical_unclassified	PGD1653807	NA	Dcrc vs WT	1.450667	5.13E-06
PA14_18620	hypothetical_unclassified	PGD1653813	NA	Dcrc vs WT	-1.00628	6.84E-07
PA14_18740	amino_acid_biosynthesis_mε	PGD1653835	argG	Dcrc vs WT	1.02958	2.40E-11
PA14_18810	hypothetical_unclassified	PGD1653847	NA	Dcrc vs WT	1.31281	1.84E-06
PA14_18820	hypothetical_unclassified	PGD1653849	NA	Dcrc vs WT	1.930415	1.45E-05
PA14_18850	carbon_compound_catabolis	PGD1653853	NA	Dcrc vs WT	1.620837	1.21E-04
PA14_18850	putative_enzymes	PGD1653853	NA	Dcrc vs WT	1.620837	1.21E-04
PA14_18870	hypothetical_unclassified	PGD1653857	NA	Dcrc vs WT	-1.39027	1.03E-06
PA14_19110	secreted_factors	PGD1653893	rhIB	Dcrc vs WT	-1.42649	5.26E-10
PA14_19270	transport_of_small_molecule	PGD1653915	NA	Dcrc vs WT	-1.41617	3.70E-04
PA14_19310	transport_of_small_molecule	PGD1653919	NA	Dcrc vs WT	-1.14124	5.79E-12
PA14_19490	adaptation_and_protection	PGD1653949	lsfA	Dcrc vs WT	1.415562	2.93E-05
PA14_19500	transport_of_small_molecule	PGD1653951	NA	Dcrc vs WT	1.994592	5.92E-06
PA14_19510	transport_of_small_molecule	PGD1653953	NA	Dcrc vs WT	1.216214	0.014322
PA14_19520	transport_of_small_molecule	PGD1653955	NA	Dcrc vs WT	2.092403	1.63E-04

PA14_19530	central_intermediary_metab	PGD1653957	NA	Dcrc vs WT	1.170149	0.002256
PA14_19540	transport_of_small_molecul	PGD1653959	NA	Dcrc vs WT	2.282354	3.65E-09
PA14_19560	central_intermediary_metab	PGD1653961	ssuD	Dcrc vs WT	1.501614	0.006411
PA14_19570	transport_of_small_molecul	PGD1653963	NA	Dcrc vs WT	2.280594	5.21E-05
PA14_19580	transport_of_small_molecul	PGD1653965	ssuB	Dcrc vs WT	1.726259	0.018773
PA14_19590	central_intermediary_metab	PGD1653967	NA	Dcrc vs WT	1.946092	0.002049
PA14_19650	membrane_proteins	PGD1653979	NA	Dcrc vs WT	-2.06153	0.025549
PA14_19690	membrane_proteins	PGD1653987	NA	Dcrc vs WT	1.552399	0.018052
PA14_19690	protein_secretion_export	PGD1653987	NA	Dcrc vs WT	1.552399	0.018052
PA14_19850	transcriptional_regulators	PGD1654009	NA	Dcrc vs WT	-1.02233	0.004681
PA14_19970	hypothetical_unclassified	PGD1654029	NA	Dcrc vs WT	1.121634	0.019336
PA14_19990	transcriptional_regulators	PGD1654031	NA	Dcrc vs WT	1.242019	0.040056
PA14_20010	transport_of_small_molecul	PGD1654035	hasR	Dcrc vs WT	2.772174	2.21E-06
PA14_20020	transport_of_small_molecul	PGD1654037	hasAp	Dcrc vs WT	4.398077	7.04E-11
PA14_20030	protein_secretion_export	PGD1654039	hasD	Dcrc vs WT	3.373954	8.15E-07
PA14_20040	protein_secretion_export	PGD1654041	hasE	Dcrc vs WT	2.801031	8.62E-05
PA14_20050	protein_secretion_export	PGD1654043	NA	Dcrc vs WT	1.948926	2.65E-04
PA14_20150	energy_metabolism_CAP	PGD1654061	nosL	Dcrc vs WT	-1.31806	2.37E-04
PA14_20180	energy_metabolism_CAP	PGD1654065	nosF	Dcrc vs WT	-1.12213	0.003356
PA14_20180	transport_of_small_molecul	PGD1654065	nosF	Dcrc vs WT	-1.12213	0.003356
PA14_20240	putative_enzymes	PGD1654073	NA	Dcrc vs WT	-1.1412	0.003343
PA14_20330	transport_of_small_molecul	PGD1654089	phnE	Dcrc vs WT	-1.58126	0.046621
PA14_20430	transport_of_small_molecul	PGD1654105	phnM	Dcrc vs WT	-1.75331	1.77E-05
PA14_21080	transcriptional_regulators	PGD1654219	NA	Dcrc vs WT	-1.04087	0.007037
PA14_21240	hypothetical_unclassified	PGD1654247	NA	Dcrc vs WT	-1.2891	2.57E-07
PA14_21260	hypothetical_unclassified	PGD1654251	NA	Dcrc vs WT	-1.8288	1.32E-07
PA14_21570	hypothetical_unclassified	PGD1654297	NA	Dcrc vs WT	1.690354	0.008944
PA14_21580	hypothetical_unclassified	PGD1654299	NA	Dcrc vs WT	2.02903	0.003659
PA14_21590	hypothetical_unclassified	PGD1654301	NA	Dcrc vs WT	2.175951	0.003177
PA14_21600	membrane_proteins	PGD1654303	NA	Dcrc vs WT	2.515217	4.68E-04
PA14_22000	transcription_RNA_processin	PGD1654379	rluA	Dcrc vs WT	1.09765	0.003878
PA14_22060	fatty_acid_and_phospholipid	PGD1654389	NA	Dcrc vs WT	-1.14101	2.76E-08
PA14_22240	hypothetical_unclassified	PGD1654419	NA	Dcrc vs WT	2.234651	0.017992
PA14_22320	membrane_proteins	PGD1654433	NA	Dcrc vs WT	1.982757	6.01E-07
PA14_22340	membrane_proteins	PGD1654437	NA	Dcrc vs WT	1.050612	8.26E-05
PA14_22350	membrane_proteins	PGD1654439	actP	Dcrc vs WT	2.023425	2.52E-16
PA14_22590	hypothetical_unclassified	PGD1654481	NA	Dcrc vs WT	-1.68458	1.06E-05
PA14_22640	transcriptional_regulators	PGD1654489	NA	Dcrc vs WT	-1.22024	1.65E-15
PA14_22650	transport_of_small_molecul	PGD1654491	NA	Dcrc vs WT	-1.27447	2.54E-08
PA14_22880	hypothetical_unclassified	PGD1654529	NA	Dcrc vs WT	-1.42132	0.002657
PA14_22890	carbon_compound_catabolis	PGD1654531	gapA	Dcrc vs WT	1.135452	6.66E-08
PA14_22890	energy_metabolism_CAP	PGD1654531	gapA	Dcrc vs WT	1.135452	6.66E-08
PA14_22990	transport_of_small_molecul	PGD1654543	NA	Dcrc vs WT	1.906081	1.45E-21
PA14_23000	transport_of_small_molecul	PGD1654545	NA	Dcrc vs WT	2.215413	5.04E-17
PA14_23010	transport_of_small_molecul	PGD1654547	gltK	Dcrc vs WT	2.436072	9.66E-33
PA14_23030	transport_of_small_molecul	PGD1654549	oprB	Dcrc vs WT	2.787396	5.33E-65
PA14_23420	cell_wall_LPS	PGD1654615	zbdP	Dcrc vs WT	1.014696	1.12E-06
PA14_23680	chaperones_heat_shock	PGD1654661	ibpA	Dcrc vs WT	1.687683	4.42E-05
PA14_23690	protein_secretion_export	PGD1654663	NA	Dcrc vs WT	-1.05836	2.31E-05
PA14_23980	protein_secretion_export	PGD1654705	xcpP	Dcrc vs WT	-1.14765	2.13E-05

PA14_24020	protein_secretion_export	PGD1654711	xcpT	Dcrc vs WT	1.059152	6.80E-08
PA14_24100	protein_secretion_export	PGD1654723	xcpZ	Dcrc vs WT	-1.34292	6.58E-05
PA14_24210	hypothetical_unclassified	PGD1654741	NA	Dcrc vs WT	-1.26244	7.00E-11
PA14_24490	cell_wall_LPS	PGD1654789	pelB	Dcrc vs WT	-1.02006	1.07E-08
PA14_24500	cell_wall_LPS	PGD1654791	pelC	Dcrc vs WT	-1.11655	0.002184
PA14_24500	fatty_acid_and_phospholipid	PGD1654791	pelC	Dcrc vs WT	-1.11655	0.002184
PA14_24630	hypothetical_unclassified	PGD1654813	NA	Dcrc vs WT	-1.00103	6.44E-06
PA14_24650	translation_posttranslational	PGD1654817	rmf	Dcrc vs WT	-1.29685	1.84E-07
PA14_24760	membrane_proteins	PGD1654835	NA	Dcrc vs WT	1.040942	3.78E-06
PA14_24790	transport_of_small_molecule	PGD1654841	NA	Dcrc vs WT	1.127861	8.90E-09
NA	NA	PGD1654856	NA	Dcrc vs WT	1.374817	2.98E-06
PA14_24950	carbon_compound_catabolism	PGD1654869	NA	Dcrc vs WT	-1.01339	0.001997
PA14_24950	energy_metabolism_CAP	PGD1654869	NA	Dcrc vs WT	-1.01339	0.001997
PA14_26000	biosynthesis_of_cofactors	PGD1655039	NA	Dcrc vs WT	-1.17663	0.001264
PA14_26200	hypothetical_unclassified	PGD1655069	NA	Dcrc vs WT	-1.38307	0.004634
PA14_26240	transport_of_small_molecule	PGD1655077	hisJ	Dcrc vs WT	-2.2972	0.036229
PA14_26280	chemotaxis	PGD1655083	NA	Dcrc vs WT	-1.10715	2.07E-09
PA14_26460	biosynthesis_of_cofactors	PGD1655105	cobK	Dcrc vs WT	-1.10352	0.008967
PA14_26470	biosynthesis_of_cofactors	PGD1655107	cbiD	Dcrc vs WT	-1.07599	2.97E-06
PA14_26530	biosynthesis_of_cofactors	PGD1655117	cobJ	Dcrc vs WT	-1.3117	1.11E-04
PA14_26940	hypothetical_unclassified	PGD1655179	NA	Dcrc vs WT	-1.00492	0.001718
PA14_27090	protein_secretion_export	PGD1655197	lipH	Dcrc vs WT	-1.45155	0.034097
PA14_27090	secreted_factors	PGD1655197	lipH	Dcrc vs WT	-1.45155	0.034097
PA14_27370	transcription_RNA_processing	PGD1655243	NA	Dcrc vs WT	1.658148	3.47E-10
PA14_27400	transcriptional_regulators	PGD1655247	NA	Dcrc vs WT	-1.74195	3.15E-04
PA14_27450	adaptation_and_protection	PGD1655257	NA	Dcrc vs WT	-1.13629	0.006388
PA14_27720	hypothetical_unclassified	PGD1655309	NA	Dcrc vs WT	-1.26668	5.09E-10
PA14_27980	translation_posttranslational	PGD1655351	NA	Dcrc vs WT	1.091802	1.78E-08
PA14_28140	hypothetical_unclassified	PGD1655383	NA	Dcrc vs WT	1.037939	5.16E-08
PA14_28260	hypothetical_unclassified	PGD1655405	NA	Dcrc vs WT	-1.17323	5.92E-06
PA14_28370	membrane_proteins	PGD1655425	NA	Dcrc vs WT	1.342699	4.43E-07
PA14_28390	membrane_proteins	PGD1655429	NA	Dcrc vs WT	1.146783	0.007831
PA14_28500	hypothetical_unclassified	PGD1655449	NA	Dcrc vs WT	-1.02829	0.001369
PA14_28520	hypothetical_unclassified	PGD1655453	NA	Dcrc vs WT	-1.43247	1.71E-08
PA14_28610	hypothetical_unclassified	PGD1655469	NA	Dcrc vs WT	-1.77204	5.66E-09
PA14_28620	membrane_proteins	PGD1655471	NA	Dcrc vs WT	-1.26984	5.55E-11
PA14_28670	translation_posttranslational	PGD1655479	rpmI	Dcrc vs WT	1.290557	6.33E-09
PA14_28680	translation_posttranslational	PGD1655481	rplT	Dcrc vs WT	1.071944	2.84E-09
PA14_28980	membrane_proteins	PGD1655535	NA	Dcrc vs WT	-1.43956	0.00647
PA14_28980	transcriptional_regulators	PGD1655535	NA	Dcrc vs WT	-1.43956	0.00647
PA14_29210	transport_of_small_molecule	PGD1655575	NA	Dcrc vs WT	-1.16435	5.55E-04
PA14_29320	putative_enzymes	PGD1655595	NA	Dcrc vs WT	-1.11931	0.00394
PA14_29440	transcriptional_regulators	PGD1655614	NA	Dcrc vs WT	-1.22617	3.05E-04
PA14_29510	protein_secretion_export	PGD1655626	NA	Dcrc vs WT	-1.15083	0.020895
PA14_29590	transcriptional_regulators	PGD1655642	NA	Dcrc vs WT	1.07503	2.90E-07
PA14_29600	biosynthesis_of_cofactors	PGD1655644	NA	Dcrc vs WT	1.002572	2.46E-05
PA14_29750	hypothetical_unclassified	PGD1655666	NA	Dcrc vs WT	-1.35048	1.40E-04
PA14_29920	energy_metabolism_CAP	PGD1655688	nuoI	Dcrc vs WT	1.029681	0.001084
PA14_30180	energy_metabolism_CAP	PGD1655728	idh	Dcrc vs WT	1.029396	5.94E-09
PA14_30400	energy_metabolism_CAP	PGD1655766	NA	Dcrc vs WT	-1.27767	1.83E-06



NA	NA	PGD1655813	NA	Dcrc vs WT	-1.09546	0.012411
PA14_30750	amino_acid_biosynthesis_mε	PGD1655826	NA	Dcrc vs WT	1.040469	5.16E-11
PA14_30750	putative_enzymes	PGD1655826	NA	Dcrc vs WT	1.040469	5.16E-11
PA14_30800	energy_metabolism_CAP	PGD1655834	NA	Dcrc vs WT	1.292982	1.27E-05
PA14_31190	hypothetical_unclassified	PGD1655904	NA	Dcrc vs WT	-1.34047	0.032481
PA14_31450	hypothetical_unclassified	PGD1655950	NA	Dcrc vs WT	-1.47415	1.74E-09
PA14_31540	energy_metabolism_CAP	PGD1655964	NA	Dcrc vs WT	1.014241	5.03E-06
PA14_31780	transcriptional_regulators	PGD1656000	NA	Dcrc vs WT	-1.36487	4.21E-06
PA14_31990	transport_of_small_molecule	PGD1656028	czcB	Dcrc vs WT	-1.56482	0.024254
PA14_32150	biosynthesis_of_cofactors	PGD1656044	antB	Dcrc vs WT	1.85077	0.002249
PA14_32220	carbon_compound_catabolis	PGD1656052	catB	Dcrc vs WT	1.259516	0.003443
PA14_32230	carbon_compound_catabolis	PGD1656054	catC	Dcrc vs WT	1.291452	1.44E-04
PA14_32310	membrane_proteins	PGD1656068	NA	Dcrc vs WT	-1.03448	2.17E-05
PA14_32330	transport_of_small_molecule	PGD1656070	NA	Dcrc vs WT	-1.26738	3.42E-07
PA14_32350	hypothetical_unclassified	PGD1656074	NA	Dcrc vs WT	-1.80101	0.013251
PA14_32390	antibiotic_resistance_and_su	PGD1656082	mexF	Dcrc vs WT	1.116226	0.001831
PA14_32570	two_component_regulators	PGD1656110	NA	Dcrc vs WT	-1.17035	4.92E-05
PA14_32810	hypothetical_unclassified	PGD1656148	NA	Dcrc vs WT	-1.01196	0.010954
PA14_32830	hypothetical_unclassified	PGD1656152	NA	Dcrc vs WT	-1.08003	8.94E-05
PA14_33130	membrane_proteins	PGD1656196	NA	Dcrc vs WT	-1.24885	3.73E-08
PA14_33130	transport_of_small_molecule	PGD1656196	NA	Dcrc vs WT	-1.24885	3.73E-08
PA14_33920	transcriptional_regulators	PGD1656328	NA	Dcrc vs WT	-1.73481	1.83E-06
PA14_33960	hypothetical_unclassified	PGD1656334	vgrG3	Dcrc vs WT	-1.45442	5.58E-17
PA14_33980	hypothetical_unclassified	PGD1656338	NA	Dcrc vs WT	-1.05841	3.65E-04
PA14_33990	translation_posttranslational	PGD1656340	clpV3	Dcrc vs WT	-2.02974	3.56E-23
PA14_34000	hypothetical_unclassified	PGD1656342	hsiH3	Dcrc vs WT	-1.86836	2.04E-08
PA14_34010	membrane_proteins	PGD1656344	hsiG3	Dcrc vs WT	-2.01016	3.31E-14
PA14_34020	hypothetical_unclassified	PGD1656346	hsiF3	Dcrc vs WT	-2.11941	6.12E-09
PA14_34030	hypothetical_unclassified	PGD1656348	hcp3	Dcrc vs WT	-1.09617	6.79E-05
PA14_34080	hypothetical_unclassified	PGD1656354	lip3	Dcrc vs WT	-1.11347	1.21E-06
PA14_34110	hypothetical_unclassified	PGD1656358	dotU3	Dcrc vs WT	-1.02124	1.91E-08
PA14_34130	hypothetical_unclassified	PGD1656360	icmF3	Dcrc vs WT	-1.42226	8.27E-18
PA14_34320	putative_enzymes	PGD1656390	NA	Dcrc vs WT	-1.15265	0.026327
PA14_34360	carbon_compound_catabolis	PGD1656398	mtID	Dcrc vs WT	1.367535	0.002433
PA14_34370	transport_of_small_molecule	PGD1656400	NA	Dcrc vs WT	1.9894	2.22E-08
PA14_34390	transport_of_small_molecule	PGD1656402	NA	Dcrc vs WT	1.151727	0.009237
PA14_34420	transport_of_small_molecule	PGD1656406	NA	Dcrc vs WT	1.804066	1.41E-12
PA14_34670	putative_enzymes	PGD1656438	NA	Dcrc vs WT	1.668877	9.49E-16
PA14_34690	transcriptional_regulators	PGD1656442	NA	Dcrc vs WT	-1.21316	0.001985
PA14_34710	transport_of_small_molecule	PGD1656446	NA	Dcrc vs WT	-1.77178	0.025373
PA14_34730	transcriptional_regulators	PGD1656450	NA	Dcrc vs WT	2.087925	3.10E-06
PA14_34750	central_intermediary_metab	PGD1656454	NA	Dcrc vs WT	1.18124	6.73E-04
PA14_34770	transport_of_small_molecule	PGD1656456	NA	Dcrc vs WT	2.258863	2.03E-05
PA14_34810	fatty_acid_and_phospholipid	PGD1656464	NA	Dcrc vs WT	-1.69779	2.04E-18
PA14_34810	putative_enzymes	PGD1656464	NA	Dcrc vs WT	-1.69779	2.04E-18
PA14_34810	secreted_factors	PGD1656464	NA	Dcrc vs WT	-1.69779	2.04E-18
PA14_34820	transcriptional_regulators	PGD1656466	NA	Dcrc vs WT	-1.18807	9.46E-10
PA14_34840	putative_enzymes	PGD1656470	NA	Dcrc vs WT	-1.22164	5.71E-10
PA14_34840	secreted_factors	PGD1656470	NA	Dcrc vs WT	-1.22164	5.71E-10
PA14_34850	translation_posttranslational	PGD1656472	NA	Dcrc vs WT	-1.02449	1.10E-07

PA14_34870	carbon_compound_catabolis	PGD1656474	chiC	Dcrc vs WT	-1.43219	0.006793
PA14_35080	adaptation_and_protection	PGD1656508	NA	Dcrc vs WT	1.094179	0.041312
PA14_35170	transcriptional_regulators	PGD1656522	NA	Dcrc vs WT	-1.45103	3.26E-06
PA14_35230	membrane_proteins	PGD1656530	NA	Dcrc vs WT	-1.03102	0.01636
PA14_35230	transport_of_small_molecul	PGD1656530	NA	Dcrc vs WT	-1.03102	0.01636
PA14_35240	hypothetical_unclassified	PGD1656532	NA	Dcrc vs WT	-1.45664	0.003583
PA14_35390	amino_acid_biosynthesis_m	PGD1656554	pvcD	Dcrc vs WT	-2.15429	0.001927
PA14_35390	secreted_factors	PGD1656554	pvcD	Dcrc vs WT	-2.15429	0.001927
PA14_35490	amino_acid_biosynthesis_m	PGD1656568	lpdV	Dcrc vs WT	2.001305	5.93E-36
PA14_35490	energy_metabolism_CAP	PGD1656568	lpdV	Dcrc vs WT	2.001305	5.93E-36
PA14_35500	amino_acid_biosynthesis_m	PGD1656570	bkdB	Dcrc vs WT	2.597091	3.31E-82
PA14_35520	amino_acid_biosynthesis_m	PGD1656572	bkdA2	Dcrc vs WT	3.035367	1.22E-84
PA14_35530	amino_acid_biosynthesis_m	PGD1656574	bkdA1	Dcrc vs WT	2.737287	2.59E-66
PA14_35680	hypothetical_unclassified	PGD1656596	pslF	Dcrc vs WT	-2.36231	2.39E-06
PA14_36080	transport_of_small_molecul	PGD1656668	NA	Dcrc vs WT	-1.93997	0.030064
PA14_36090	membrane_proteins	PGD1656670	NA	Dcrc vs WT	-1.07402	0.011972
PA14_36100	biosynthesis_of_cofactors	PGD1656672	pdxA	Dcrc vs WT	2.085635	5.24E-07
PA14_36200	transport_of_small_molecul	PGD1656688	NA	Dcrc vs WT	2.348917	5.08E-12
PA14_36220	membrane_proteins	PGD1656690	NA	Dcrc vs WT	1.638785	9.47E-04
PA14_36220	transport_of_small_molecul	PGD1656690	NA	Dcrc vs WT	1.638785	9.47E-04
PA14_36280	antibiotic_resistance_and_su	PGD1656700	NA	Dcrc vs WT	-1.67656	0.028257
PA14_36330	central_intermediary_metab	PGD1656710	hcnA	Dcrc vs WT	-1.27994	4.50E-10
PA14_36400	hypothetical_unclassified	PGD1656724	NA	Dcrc vs WT	-1.04653	0.025428
PA14_36480	hypothetical_unclassified	PGD1656736	NA	Dcrc vs WT	1.559971	2.12E-05
PA14_36520	hypothetical_unclassified	PGD1656742	NA	Dcrc vs WT	1.210343	1.88E-09
PA14_36530	hypothetical_unclassified	PGD1656744	NA	Dcrc vs WT	1.116886	5.84E-07
PA14_36605	putative_enzymes	PGD1656758	NA	Dcrc vs WT	2.131622	7.59E-09
PA14_36620	hypothetical_unclassified	PGD1656760	NA	Dcrc vs WT	4.638301	0.001084
PA14_36630	carbon_compound_catabolis	PGD1656762	NA	Dcrc vs WT	3.664055	2.11E-38
PA14_36630	putative_enzymes	PGD1656762	NA	Dcrc vs WT	3.664055	2.11E-38
PA14_36670	hypothetical_unclassified	PGD1656768	NA	Dcrc vs WT	1.813085	5.49E-07
PA14_36680	putative_enzymes	PGD1656770	NA	Dcrc vs WT	1.443938	2.51E-04
PA14_36690	fatty_acid_and_phospholipid	PGD1656772	NA	Dcrc vs WT	1.119394	0.001767
PA14_36690	putative_enzymes	PGD1656772	NA	Dcrc vs WT	1.119394	0.001767
PA14_36700	membrane_proteins	PGD1656774	NA	Dcrc vs WT	1.467196	7.57E-05
PA14_36710	energy_metabolism_CAP	PGD1656776	glgB	Dcrc vs WT	2.954993	1.17E-11
PA14_36730	carbon_compound_catabolis	PGD1656778	NA	Dcrc vs WT	1.259902	4.71E-06
PA14_36730	putative_enzymes	PGD1656778	NA	Dcrc vs WT	1.259902	4.71E-06
PA14_36810	adaptation_and_protection	PGD1656790	katE	Dcrc vs WT	1.69068	4.01E-09
PA14_36860	hypothetical_unclassified	PGD1656800	NA	Dcrc vs WT	-1.02276	3.98E-07
PA14_36990	two_component_regulators	PGD1656822	NA	Dcrc vs WT	-1.38283	0.027201
PA14_37090	energy_metabolism_CAP	PGD1656838	NA	Dcrc vs WT	-1.54939	0.001763
PA14_37090	putative_enzymes	PGD1656838	NA	Dcrc vs WT	-1.54939	0.001763
PA14_37170	hypothetical_unclassified	PGD1656850	NA	Dcrc vs WT	-1.00486	1.91E-04
PA14_37250	transport_of_small_molecul	PGD1656860	NA	Dcrc vs WT	1.579795	7.59E-13
PA14_37260	transport_of_small_molecul	PGD1656862	NA	Dcrc vs WT	1.31842	5.14E-09
PA14_37270	putative_enzymes	PGD1656864	NA	Dcrc vs WT	1.586171	9.99E-08
PA14_37290	transport_of_small_molecul	PGD1656866	NA	Dcrc vs WT	1.55031	1.88E-07
PA14_37310	transport_of_small_molecul	PGD1656868	NA	Dcrc vs WT	2.103819	7.55E-18
PA14_37320	membrane_proteins	PGD1656870	NA	Dcrc vs WT	1.725441	6.35E-10

PA14_37370	fatty_acid_and_phospholipid	PGD1656878	NA	Dcrc vs WT	-1.45511	0.01289
PA14_37730	transport_of_small_molecule	PGD1656932	NA	Dcrc vs WT	-1.01821	2.65E-07
PA14_37840	transport_of_small_molecule	PGD1656950	sppD	Dcrc vs WT	-1.58419	1.79E-06
PA14_37915	transport_of_small_molecule	PGD1656962	NA	Dcrc vs WT	-1.72943	1.79E-04
PA14_37940	transcriptional_regulators	PGD1656964	cynR	Dcrc vs WT	-1.04011	0.007317
PA14_37990	transcriptional_regulators	PGD1656972	NA	Dcrc vs WT	1.263341	0.016822
PA14_38050	hypothetical_unclassified	PGD1656982	NA	Dcrc vs WT	-1.67322	5.57E-07
PA14_38110	transport_of_small_molecule	PGD1656990	NA	Dcrc vs WT	1.107099	4.15E-08
PA14_38130	transport_of_small_molecule	PGD1656992	NA	Dcrc vs WT	1.124167	6.73E-07
PA14_38160	transport_of_small_molecule	PGD1656996	NA	Dcrc vs WT	1.247594	4.70E-05
PA14_38170	membrane_proteins	PGD1656998	NA	Dcrc vs WT	1.11001	3.51E-04
PA14_38220	transport_of_small_molecule	PGD1657008	NA	Dcrc vs WT	1.128631	0.002718
PA14_38370	hypothetical_unclassified	PGD1657032	NA	Dcrc vs WT	-1.42073	3.08E-07
PA14_38440	carbon_compound_catabolism	PGD1657044	gnyD	Dcrc vs WT	1.100421	5.40E-21
PA14_38440	fatty_acid_and_phospholipid	PGD1657044	gnyD	Dcrc vs WT	1.100421	5.40E-21
PA14_38730	transport_of_small_molecule	PGD1657088	NA	Dcrc vs WT	1.32442	1.32E-05
PA14_38770	amino_acid_biosynthesis_mechanism	PGD1657094	NA	Dcrc vs WT	-1.32822	3.51E-07
PA14_38825	biosynthesis_of_cofactors	PGD1657104	pqqA	Dcrc vs WT	-1.10571	4.26E-04
PA14_38860	carbon_compound_catabolism	PGD1657110	exaA	Dcrc vs WT	-1.00727	0.009368
PA14_38970	two_component_regulators	PGD1657124	NA	Dcrc vs WT	-1.10788	0.005135
PA14_39080	hypothetical_unclassified	PGD1657140	NA	Dcrc vs WT	-1.43238	6.99E-04
PA14_39210	biosynthesis_of_cofactors	PGD1657162	NA	Dcrc vs WT	-1.46291	1.60E-04
PA14_39240	hypothetical_unclassified	PGD1657168	fapC	Dcrc vs WT	-1.51876	0.008941
PA14_39320	transport_of_small_molecule	PGD1657180	rbsC	Dcrc vs WT	1.093238	0.001036
PA14_39420	hypothetical_unclassified	PGD1657192	NA	Dcrc vs WT	1.757324	1.01E-05
PA14_39590	amino_acid_biosynthesis_mechanism	PGD1657216	metE	Dcrc vs WT	2.56092	4.92E-10
PA14_39640	biosynthesis_of_cofactors	PGD1657224	cobN	Dcrc vs WT	-1.60702	9.55E-04
PA14_39700	hypothetical_unclassified	PGD1657234	NA	Dcrc vs WT	-1.59712	0.002007
PA14_39790	hypothetical_unclassified	PGD1657248	NA	Dcrc vs WT	1.249639	0.002866
PA14_39990	fatty_acid_and_phospholipid	PGD1657280	NA	Dcrc vs WT	1.182351	5.61E-06
PA14_40020	hypothetical_unclassified	PGD1657284	NA	Dcrc vs WT	1.020851	1.37E-06
PA14_40030	putative_enzymes	PGD1657286	NA	Dcrc vs WT	1.422653	3.00E-10
PA14_40130	transport_of_small_molecule	PGD1657304	NA	Dcrc vs WT	-2.11947	2.56E-12
PA14_40160	energy_metabolism_CAP	PGD1657308	NA	Dcrc vs WT	-1.32246	5.15E-05
PA14_40520	hypothetical_unclassified	PGD1657368	NA	Dcrc vs WT	-2.26743	0.019105
PA14_40650	hypothetical_unclassified	PGD1657388	NA	Dcrc vs WT	1.466703	1.20E-06
PA14_40750	hypothetical_unclassified	PGD1657404	NA	Dcrc vs WT	-1.40492	1.06E-08
PA14_40860	transport_of_small_molecule	PGD1657422	NA	Dcrc vs WT	-1.59062	2.49E-10
PA14_41240	antibiotic_resistance_and_susceptibility	PGD1657482	clpP	Dcrc vs WT	1.011808	2.52E-14
PA14_41240	cell_wall_LPS	PGD1657482	clpP	Dcrc vs WT	1.011808	2.52E-14
PA14_41240	chaperones_heat_shock	PGD1657482	clpP	Dcrc vs WT	1.011808	2.52E-14
PA14_41240	motility_and_attachment	PGD1657482	clpP	Dcrc vs WT	1.011808	2.52E-14
PA14_41520	adaptation_and_protection	PGD1657530	NA	Dcrc vs WT	-1.10966	0.016398
PA14_41650	fatty_acid_and_phospholipid	PGD1657552	NA	Dcrc vs WT	1.166429	1.89E-04
PA14_41790	hypothetical_unclassified	PGD1657572	NA	Dcrc vs WT	1.060389	6.98E-08
PA14_42030	hypothetical_unclassified	PGD1657614	NA	Dcrc vs WT	-1.45375	0.00226
PA14_42050	putative_enzymes	PGD1657616	NA	Dcrc vs WT	-1.43473	0.004003
PA14_42080	fatty_acid_and_phospholipid	PGD1657620	NA	Dcrc vs WT	1.307863	2.22E-06
PA14_42080	putative_enzymes	PGD1657620	NA	Dcrc vs WT	1.307863	2.22E-06
PA14_42090	fatty_acid_and_phospholipid	PGD1657622	NA	Dcrc vs WT	1.014109	0.002606

PA14_42550	membrane_proteins	PGD1657698	popN	Dcrc vs WT	-1.60222	0.012625
PA14_42550	protein_secretion_export	PGD1657698	popN	Dcrc vs WT	-1.60222	0.012625
PA14_42710	hypothetical_unclassified	PGD1657724	NA	Dcrc vs WT	-1.01393	1.39E-05
PA14_42830	membrane_proteins	PGD1657744	NA	Dcrc vs WT	-1.06806	1.69E-05
PA14_43080	hypothetical_unclassified	PGD1657788	vgrG14	Dcrc vs WT	1.627696	0.017149
PA14_43180	putative_enzymes	PGD1657806	NA	Dcrc vs WT	-1.45521	7.07E-08
PA14_43230	hypothetical_unclassified	PGD1657814	NA	Dcrc vs WT	-1.50887	4.39E-06
PA14_43340	transcriptional_regulators	PGD1657832	kdpE	Dcrc vs WT	-1.02642	1.71E-05
PA14_43340	two_component_regulators	PGD1657832	kdpE	Dcrc vs WT	-1.02642	1.71E-05
PA14_43350	two_component_regulators	PGD1657834	kdpD	Dcrc vs WT	-1.07255	1.92E-10
PA14_43420	fatty_acid_and_phospholipid	PGD1657844	NA	Dcrc vs WT	-1.34866	8.59E-13
PA14_43420	putative_enzymes	PGD1657844	NA	Dcrc vs WT	-1.34866	8.59E-13
PA14_43460	fatty_acid_and_phospholipid	PGD1657850	NA	Dcrc vs WT	-1.14576	0.042024
PA14_43490	transport_of_small_molecule	PGD1657854	NA	Dcrc vs WT	-1.36383	4.26E-04
PA14_43950	energy_metabolism_CAP	PGD1657930	sucC	Dcrc vs WT	1.100353	4.99E-12
PA14_44030	energy_metabolism_CAP	PGD1657940	sdhA	Dcrc vs WT	1.024576	2.88E-16
PA14_44050	energy_metabolism_CAP	PGD1657942	sdhD	Dcrc vs WT	1.631149	8.11E-16
PA14_44100	hypothetical_unclassified	PGD1657952	NA	Dcrc vs WT	-1.14322	1.60E-06
PA14_44210	amino_acid_biosynthesis_mε	PGD1657974	NA	Dcrc vs WT	-1.42575	5.26E-10
PA14_44230	hypothetical_unclassified	PGD1657976	NA	Dcrc vs WT	1.174428	0.028211
PA14_44390	central_intermediary_metab	PGD1658004	NA	Dcrc vs WT	1.085963	5.92E-06
PA14_44390	energy_metabolism_CAP	PGD1658004	NA	Dcrc vs WT	1.085963	5.92E-06
PA14_44480	hypothetical_unclassified	PGD1658020	pemB	Dcrc vs WT	-1.02538	3.74E-06
PA14_44890	secreted_factors	PGD1658086	hcpA	Dcrc vs WT	1.328334	1.16E-04
PA14_45030	carbon_compound_catabolis	PGD1658112	NA	Dcrc vs WT	-1.39057	0.025602
PA14_45030	putative_enzymes	PGD1658112	NA	Dcrc vs WT	-1.39057	0.025602
PA14_45050	carbon_compound_catabolis	PGD1658114	pykF	Dcrc vs WT	-1.01258	0.019714
PA14_45050	energy_metabolism_CAP	PGD1658114	pykF	Dcrc vs WT	-1.01258	0.019714
PA14_45090	hypothetical_unclassified	PGD1658120	NA	Dcrc vs WT	-1.28883	1.76E-05
PA14_45180	putative_enzymes	PGD1658134	NA	Dcrc vs WT	-1.22176	0.047203
PA14_45480	hypothetical_unclassified	PGD1658178	NA	Dcrc vs WT	-1.03637	7.42E-05
PA14_45920	membrane_proteins	PGD1658240	NA	Dcrc vs WT	-1.07338	2.07E-07
PA14_45950	adaptation_and_protection	PGD1658246	rsaL	Dcrc vs WT	-1.17495	5.52E-04
PA14_45950	transcriptional_regulators	PGD1658246	rsaL	Dcrc vs WT	-1.17495	5.52E-04
PA14_46110	transport_of_small_molecule	PGD1658270	NA	Dcrc vs WT	1.091374	0.001344
PA14_46320	energy_metabolism_CAP	PGD1658306	NA	Dcrc vs WT	-1.01021	9.55E-05
PA14_46420	putative_enzymes	PGD1658322	NA	Dcrc vs WT	-1.60379	2.69E-07
PA14_46530	hypothetical_unclassified	PGD1658342	NA	Dcrc vs WT	-1.05919	7.18E-05
PA14_46810	transcriptional_regulators	PGD1658392	NA	Dcrc vs WT	-1.1981	1.27E-05
PA14_46890	putative_enzymes	PGD1658406	NA	Dcrc vs WT	-1.1232	5.05E-07
PA14_47080	transcriptional_regulators	PGD1658438	NA	Dcrc vs WT	-1.34197	1.89E-06
PA14_47120	hypothetical_unclassified	PGD1658446	NA	Dcrc vs WT	1.536237	6.75E-12
PA14_47210	energy_metabolism_CAP	PGD1658460	cyoA	Dcrc vs WT	-1.23763	0.00843
PA14_47510	putative_enzymes	PGD1658512	NA	Dcrc vs WT	-1.16192	0.001655
PA14_47530	hypothetical_unclassified	PGD1658516	NA	Dcrc vs WT	-1.13299	7.23E-05
PA14_47560	membrane_proteins	PGD1658522	NA	Dcrc vs WT	-1.14447	0.04166
PA14_47560	transport_of_small_molecule	PGD1658522	NA	Dcrc vs WT	-1.14447	0.04166
PA14_47670	biosynthesis_of_cofactors	PGD1658536	cobT	Dcrc vs WT	-1.33656	2.02E-04
PA14_47730	biosynthesis_of_cofactors	PGD1658544	cobD	Dcrc vs WT	-1.21139	9.18E-05
PA14_47860	putative_enzymes	PGD1658562	NA	Dcrc vs WT	-2.18496	1.02E-07

PA14_47880	transcriptional_regulators	PGD1658566	NA	Dcrc vs WT	-1.00833	0.001057
PA14_47970	central_intermediary_metab	PGD1658584	NA	Dcrc vs WT	-1.14111	0.020536
PA14_48420	transcriptional_regulators	PGD1658644	NA	Dcrc vs WT	-1.11197	2.63E-07
PA14_48440	putative_enzymes	PGD1658646	NA	Dcrc vs WT	-1.53834	2.26E-04
PA14_48460	transport_of_small_molecul	PGD1658650	NA	Dcrc vs WT	-1.56524	3.05E-04
PA14_48530	putative_enzymes	PGD1658662	NA	Dcrc vs WT	-1.30075	0.002599
PA14_48640	hypothetical_unclassified	PGD1658682	NA	Dcrc vs WT	-1.48009	1.13E-04
PA14_49130	transport_of_small_molecul	PGD1658770	dctA	Dcrc vs WT	-1.06299	0.017254
PA14_49220	energy_metabolism_CAP	PGD1658784	napF	Dcrc vs WT	-1.32625	5.76E-05
PA14_49300	putative_enzymes	PGD1658798	NA	Dcrc vs WT	-1.02767	1.26E-05
PA14_49310	hypothetical_unclassified	PGD1658800	NA	Dcrc vs WT	-1.28526	6.35E-08
PA14_49320	hypothetical_unclassified	PGD1658802	NA	Dcrc vs WT	-1.06735	4.76E-19
PA14_49340	translation_posttranslational	PGD1658806	pcpS	Dcrc vs WT	-1.48281	3.18E-06
PA14_49400	hypothetical_unclassified	PGD1658816	NA	Dcrc vs WT	-1.0488	1.02E-07
PA14_49720	hypothetical_unclassified	PGD1658868	NA	Dcrc vs WT	1.116753	0.009097
PA14_49820	biosynthesis_of_cofactors	PGD1658886	NA	Dcrc vs WT	-1.20962	3.78E-06
PA14_49860	hypothetical_unclassified	PGD1658892	NA	Dcrc vs WT	-1.08486	5.23E-07
PA14_50000	hypothetical_unclassified	PGD1658916	NA	Dcrc vs WT	1.625667	1.19E-16
PA14_50550	transport_of_small_molecul	PGD1659000	livG	Dcrc vs WT	1.093399	6.81E-05
PA14_50610	putative_enzymes	PGD1659010	NA	Dcrc vs WT	-1.01244	1.44E-04
PA14_50890	hypothetical_unclassified	PGD1659064	NA	Dcrc vs WT	-1.18023	6.71E-07
PA14_51300	hypothetical_unclassified	PGD1659134	NA	Dcrc vs WT	1.047451	1.90E-11
PA14_51310	hypothetical_unclassified	PGD1659136	NA	Dcrc vs WT	1.421691	5.68E-14
PA14_51410	biosynthesis_of_cofactors	PGD1659152	pqsC	Dcrc vs WT	1.062635	8.90E-12
PA14_51640	hypothetical_unclassified	PGD1659198	NA	Dcrc vs WT	-1.14175	0.025406
PA14_51710	membrane_proteins	PGD1659210	oprL	Dcrc vs WT	1.221014	3.91E-19
PA14_51710	transport_of_small_molecul	PGD1659210	oprL	Dcrc vs WT	1.221014	3.91E-19
PA14_51830	adaptation_and_protection	PGD1659232	NA	Dcrc vs WT	1.018988	2.39E-09
PA14_51840	transcriptional_regulators	PGD1659234	NA	Dcrc vs WT	1.054103	6.28E-06
PA14_51950	hypothetical_unclassified	PGD1659254	NA	Dcrc vs WT	1.170096	1.21E-05
PA14_52340	membrane_proteins	PGD1659320	NA	Dcrc vs WT	1.45067	0.011385
PA14_52490	hypothetical_unclassified	PGD1659342	NA	Dcrc vs WT	1.861157	0.015418
PA14_52570	adaptation_and_protection	PGD1659358	rsmA	Dcrc vs WT	-1.24047	1.59E-06
PA14_52570	transcriptional_regulators	PGD1659358	rsmA	Dcrc vs WT	-1.24047	1.59E-06
PA14_52570	translation_posttranslational	PGD1659358	rsmA	Dcrc vs WT	-1.24047	1.59E-06
PA14_52610	putative_enzymes	PGD1659364	NA	Dcrc vs WT	-1.11304	3.57E-10
PA14_52880	putative_enzymes	PGD1659406	NA	Dcrc vs WT	3.24114	0.037173
PA14_52910	hypothetical_unclassified	PGD1659412	NA	Dcrc vs WT	-1.21383	0.046671
PA14_52960	hypothetical_unclassified	PGD1659420	NA	Dcrc vs WT	2.059207	2.92E-06
PA14_53000	amino_acid_biosynthesis_m	PGD1659426	phhB	Dcrc vs WT	1.075424	1.61E-09
PA14_53050	transport_of_small_molecul	PGD1659436	aroP2	Dcrc vs WT	1.537926	3.73E-09
PA14_53290	nucleotide_biosynthesis_and	PGD1659472	trxB2	Dcrc vs WT	-2.30924	1.56E-19
PA14_53530	hypothetical_unclassified	PGD1659512	NA	Dcrc vs WT	1.608277	1.16E-07
PA14_53550	transcriptional_regulators	PGD1659516	NA	Dcrc vs WT	-1.61525	2.37E-08
PA14_53650	hypothetical_unclassified	PGD1659536	NA	Dcrc vs WT	-1.35951	0.01524
PA14_53700	putative_enzymes	PGD1659546	NA	Dcrc vs WT	1.32551	0.004347
PA14_53720	transcriptional_regulators	PGD1659548	NA	Dcrc vs WT	-1.32204	1.32E-05
PA14_53740	hypothetical_unclassified	PGD1659552	NA	Dcrc vs WT	-1.04862	0.023943
PA14_53750	hypothetical_unclassified	PGD1659554	NA	Dcrc vs WT	-1.57857	0.001097
PA14_53940	carbon_compound_catabolis	PGD1659588	prpB	Dcrc vs WT	1.213423	5.86E-05

PA14_53940	central_intermediary_metab	PGD1659588	prpB	Dcrc vs WT	1.213423	5.86E-05
PA14_53940	fatty_acid_and_phospholipid	PGD1659588	prpB	Dcrc vs WT	1.213423	5.86E-05
PA14_53950	carbon_compound_catabolis	PGD1659590	prpC	Dcrc vs WT	1.278918	8.33E-09
PA14_53950	central_intermediary_metab	PGD1659590	prpC	Dcrc vs WT	1.278918	8.33E-09
PA14_54010	transcriptional_regulators	PGD1659598	NA	Dcrc vs WT	-1.11128	9.03E-05
PA14_54040	membrane_proteins	PGD1659602	NA	Dcrc vs WT	1.031558	2.28E-05
PA14_54050	hypothetical_unclassified	PGD1659604	NA	Dcrc vs WT	-1.72483	5.46E-09
PA14_54220	hypothetical_unclassified	PGD1659628	icp	Dcrc vs WT	1.005744	4.14E-04
PA14_54550	membrane_proteins	PGD1659680	NA	Dcrc vs WT	2.218882	0.035035
PA14_54610	transcriptional_regulators	PGD1659690	NA	Dcrc vs WT	-1.60329	0.003932
PA14_54710	transcriptional_regulators	PGD1659708	NA	Dcrc vs WT	-1.11839	0.001102
PA14_55240	hypothetical_unclassified	PGD1659804	NA	Dcrc vs WT	-1.4779	1.41E-07
PA14_55250	transcriptional_regulators	PGD1659806	NA	Dcrc vs WT	-1.33879	0.004931
PA14_55360	membrane_proteins	PGD1659822	exbB2	Dcrc vs WT	-1.37979	0.002301
PA14_55360	transport_of_small_molecule	PGD1659822	exbB2	Dcrc vs WT	-1.37979	0.002301
PA14_55510	hypothetical_unclassified	PGD1659848	hxcP	Dcrc vs WT	-1.12885	0.001699
PA14_55530	protein_secretion_export	PGD1659852	hxcW	Dcrc vs WT	-1.31605	1.91E-08
PA14_55560	transcriptional_regulators	PGD1659858	NA	Dcrc vs WT	-1.07967	0.00621
PA14_55580	biosynthesis_of_cofactors	PGD1659862	nemO	Dcrc vs WT	1.041273	0.002342
PA14_55590	hypothetical_unclassified	PGD1659864	NA	Dcrc vs WT	-1.51044	0.007418
PA14_55600	hypothetical_unclassified	PGD1659866	NA	Dcrc vs WT	-1.23546	8.53E-05
PA14_55730	transcriptional_regulators	PGD1659894	NA	Dcrc vs WT	1.365728	0.002114
PA14_55770	membrane_proteins	PGD1659902	NA	Dcrc vs WT	1.06294	2.73E-17
PA14_55770	transport_of_small_molecule	PGD1659902	NA	Dcrc vs WT	1.06294	2.73E-17
PA14_55880	membrane_proteins	PGD1659920	NA	Dcrc vs WT	-1.05393	2.39E-05
PA14_55880	motility_and_attachment	PGD1659920	NA	Dcrc vs WT	-1.05393	2.39E-05
PA14_55880	protein_secretion_export	PGD1659920	NA	Dcrc vs WT	-1.05393	2.39E-05
PA14_55930	motility_and_attachment	PGD1659928	NA	Dcrc vs WT	-1.02676	8.22E-11
PA14_55930	protein_secretion_export	PGD1659928	NA	Dcrc vs WT	-1.02676	8.22E-11
PA14_55940	protein_secretion_export	PGD1659930	NA	Dcrc vs WT	-2.20099	1.93E-11
PA14_56090	membrane_proteins	PGD1659952	NA	Dcrc vs WT	1.042383	2.31E-08
PA14_56260	energy_metabolism_CAP	PGD1659980	NA	Dcrc vs WT	-1.28856	8.66E-13
PA14_56410	fatty_acid_and_phospholipid	PGD1659996	NA	Dcrc vs WT	-1.17064	1.08E-08
PA14_56470	transport_of_small_molecule	PGD1660004	NA	Dcrc vs WT	-1.29048	3.62E-04
PA14_56520	hypothetical_unclassified	PGD1660010	NA	Dcrc vs WT	-1.05149	5.09E-04
PA14_56570	fatty_acid_and_phospholipid	PGD1660020	NA	Dcrc vs WT	-1.24533	0.016753
PA14_56590	adaptation_and_protection	PGD1660022	NA	Dcrc vs WT	-1.02699	4.48E-04
PA14_56660	adaptation_and_protection	PGD1660030	NA	Dcrc vs WT	1.535185	3.81E-06
PA14_56670	hypothetical_unclassified	PGD1660032	NA	Dcrc vs WT	-2.2782	7.60E-12
PA14_56690	transport_of_small_molecule	PGD1660036	feoA	Dcrc vs WT	-1.08093	2.51E-04
PA14_56740	DNA_replication_recombinat	PGD1660044	iciA	Dcrc vs WT	-1.11041	9.75E-05
PA14_56910	hypothetical_unclassified	PGD1660072	NA	Dcrc vs WT	-1.63919	7.00E-11
PA14_57010	chaperones_heat_shock	PGD1660090	groEL	Dcrc vs WT	1.135221	4.92E-13
PA14_57720	amino_acid_biosynthesis_mε	PGD1660205	cysD	Dcrc vs WT	1.162141	1.61E-05
PA14_57720	central_intermediary_metab	PGD1660205	cysD	Dcrc vs WT	1.162141	1.61E-05
PA14_57990	transport_of_small_molecule	PGD1660253	NA	Dcrc vs WT	1.762851	3.83E-04
PA14_58000	adaptation_and_protection	PGD1660255	sodM	Dcrc vs WT	2.338535	8.15E-07
PA14_58010	hypothetical_unclassified	PGD1660257	NA	Dcrc vs WT	2.396232	1.87E-05
PA14_58030	energy_metabolism_CAP	PGD1660259	fumC	Dcrc vs WT	2.018544	2.63E-07
PA14_58040	hypothetical_unclassified	PGD1660261	NA	Dcrc vs WT	2.097893	2.80E-05

PA14_58080	putative_enzymes	PGD1660269	NA	Dcrc vs WT	-1.71708	4.78E-17
PA14_58380	transcriptional_regulators	PGD1660317	psdR	Dcrc vs WT	1.022112	1.79E-06
PA14_58410	membrane_proteins	PGD1660321	opdP	Dcrc vs WT	1.812088	1.33E-19
PA14_58410	transport_of_small_molecule	PGD1660321	opdP	Dcrc vs WT	1.812088	1.33E-19
PA14_58420	transport_of_small_molecule	PGD1660323	dppA4	Dcrc vs WT	2.089588	1.57E-23
PA14_58440	membrane_proteins	PGD1660325	dppB	Dcrc vs WT	2.168316	1.15E-29
PA14_58440	transport_of_small_molecule	PGD1660325	dppB	Dcrc vs WT	2.168316	1.15E-29
PA14_58450	membrane_proteins	PGD1660327	dppC	Dcrc vs WT	2.085378	6.72E-12
PA14_58450	transport_of_small_molecule	PGD1660327	dppC	Dcrc vs WT	2.085378	6.72E-12
PA14_58470	transport_of_small_molecule	PGD1660329	dppD	Dcrc vs WT	1.655553	1.15E-09
PA14_58490	transport_of_small_molecule	PGD1660331	dppF	Dcrc vs WT	1.613173	1.81E-14
PA14_58580	membrane_proteins	PGD1660349	NA	Dcrc vs WT	1.181685	9.18E-04
PA14_58790	hypothetical_unclassified	PGD1660385	NA	Dcrc vs WT	1.304236	4.62E-04
PA14_58920	hypothetical_unclassified	PGD1660411	NA	Dcrc vs WT	-1.36765	0.016253
PA14_59390	hypothetical_unclassified	PGD1660495	NA	Dcrc vs WT	-1.09008	7.58E-04
PA14_59845	hypothetical_unclassified	PGD1660576	NA	Dcrc vs WT	-1.11315	4.53E-05
PA14_60460	translation_posttranslational	PGD1660692	rplU	Dcrc vs WT	1.208546	4.26E-13
PA14_60560	hypothetical_unclassified	PGD1660710	NA	Dcrc vs WT	-1.39054	7.25E-06
PA14_60750	carbon_compound_catabolism	PGD1660738	pra	Dcrc vs WT	1.419987	3.72E-05
PA14_61000	hypothetical_unclassified	PGD1660778	NA	Dcrc vs WT	-1.07988	0.0043
PA14_61010	hypothetical_unclassified	PGD1660780	NA	Dcrc vs WT	-1.56514	2.39E-09
PA14_61020	adaptation_and_protection	PGD1660782	NA	Dcrc vs WT	-1.16284	0.002897
PA14_61020	two_component_regulators	PGD1660782	NA	Dcrc vs WT	-1.16284	0.002897
PA14_61060	energy_metabolism_CAP	PGD1660788	NA	Dcrc vs WT	1.051662	5.37E-10
PA14_61060	putative_enzymes	PGD1660788	NA	Dcrc vs WT	1.051662	5.37E-10
PA14_61110	hypothetical_unclassified	PGD1660794	NA	Dcrc vs WT	-1.1208	0.003177
PA14_61250	transport_of_small_molecule	PGD1660816	lysP	Dcrc vs WT	1.226332	3.60E-06
PA14_61370	hypothetical_unclassified	PGD1660838	NA	Dcrc vs WT	1.233764	0.002137
PA14_61410	hypothetical_unclassified	PGD1660846	NA	Dcrc vs WT	-1.00925	2.95E-08
PA14_61770	carbon_compound_catabolism	PGD1660906	prs	Dcrc vs WT	1.06952	5.74E-12
PA14_61770	nucleotide_biosynthesis_and	PGD1660906	prs	Dcrc vs WT	1.06952	5.74E-12
PA14_61780	adaptation_and_protection	PGD1660908	NA	Dcrc vs WT	1.1088	8.20E-09
PA14_61780	translation_posttranslational	PGD1660908	NA	Dcrc vs WT	1.1088	8.20E-09
PA14_61790	translation_posttranslational	PGD1660910	pth	Dcrc vs WT	1.15568	1.24E-10
PA14_61870	hypothetical_unclassified	PGD1660922	NA	Dcrc vs WT	-1.31313	3.51E-10
PA14_61980	hypothetical_unclassified	PGD1660938	NA	Dcrc vs WT	1.179551	0.022501
PA14_62240	hypothetical_unclassified	PGD1660984	NA	Dcrc vs WT	-1.33961	6.05E-09
PA14_62710	transcription_RNA_processing	PGD1661062	pnp	Dcrc vs WT	1.567016	3.22E-11
PA14_63080	transport_of_small_molecule	PGD1661126	lldP	Dcrc vs WT	1.880775	3.05E-13
PA14_63100	energy_metabolism_CAP	PGD1661130	NA	Dcrc vs WT	1.024628	1.58E-06
PA14_63210	two_component_regulators	PGD1661148	NA	Dcrc vs WT	-1.12756	6.89E-08
PA14_63240	transcriptional_regulators	PGD1661154	NA	Dcrc vs WT	1.223193	0.003127
PA14_63280	transcriptional_regulators	PGD1661160	NA	Dcrc vs WT	-1.10053	1.14E-12
PA14_63700	hypothetical_unclassified	PGD1661226	NA	Dcrc vs WT	-1.67023	0.010249
PA14_63720	membrane_proteins	PGD1661230	NA	Dcrc vs WT	-3.54298	0.045879
PA14_63740	hypothetical_unclassified	PGD1661234	NA	Dcrc vs WT	-2.20497	1.37E-05
PA14_63770	hypothetical_unclassified	PGD1661238	NA	Dcrc vs WT	-3.54571	0.028606
PA14_63840	membrane_proteins	PGD1661248	NA	Dcrc vs WT	-1.44612	2.15E-05
PA14_64060	adaptation_and_protection	PGD1661280	NA	Dcrc vs WT	-1.27217	0.000249
PA14_64060	chemotaxis	PGD1661280	NA	Dcrc vs WT	-1.27217	0.000249

PA14_64100	fatty_acid_and_phospholipid	PGD1661286	accB	Dcrc vs WT	1.027413	6.13E-04
PA14_64310	transport_of_small_molecule	PGD1661318	NA	Dcrc vs WT	-1.14579	0.024814
PA14_64320	transport_of_small_molecule	PGD1661320	NA	Dcrc vs WT	-1.14755	1.18E-09
PA14_64370	central_intermediary_metab	PGD1661328	ureB	Dcrc vs WT	-1.30846	4.90E-05
PA14_64480	membrane_proteins	PGD1661348	osmE	Dcrc vs WT	1.645204	9.11E-16
PA14_64530	hypothetical_unclassified	PGD1661358	NA	Dcrc vs WT	3.910617	1.19E-14
PA14_64620	energy_metabolism_CAP	PGD1661374	NA	Dcrc vs WT	-1.23478	0.001333
PA14_64620	putative_enzymes	PGD1661374	NA	Dcrc vs WT	-1.23478	0.001333
PA14_64810	carbon_compound_catabolis	PGD1661406	vanB	Dcrc vs WT	-1.23439	0.002044
PA14_64860	transport_of_small_molecule	PGD1661414	NA	Dcrc vs WT	1.147238	1.25E-04
PA14_64870	transport_of_small_molecule	PGD1661416	NA	Dcrc vs WT	1.477901	4.25E-07
PA14_64880	membrane_proteins	PGD1661418	NA	Dcrc vs WT	1.400072	6.26E-06
PA14_64880	transport_of_small_molecule	PGD1661418	NA	Dcrc vs WT	1.400072	6.26E-06
PA14_64890	membrane_proteins	PGD1661420	NA	Dcrc vs WT	1.988644	6.72E-12
PA14_64890	transport_of_small_molecule	PGD1661420	NA	Dcrc vs WT	1.988644	6.72E-12
PA14_64900	transport_of_small_molecule	PGD1661422	NA	Dcrc vs WT	1.193558	3.18E-15
PA14_64940	biosynthesis_of_cofactors	PGD1661430	NA	Dcrc vs WT	-1.40613	4.65E-06
PA14_64950	central_intermediary_metab	PGD1661432	pncA	Dcrc vs WT	-1.80566	1.04E-08
PA14_65000	energy_metabolism_CAP	PGD1661440	azu	Dcrc vs WT	1.168596	7.78E-13
PA14_65090	hypothetical_unclassified	PGD1661454	NA	Dcrc vs WT	-1.05174	5.71E-10
PA14_65150	translation_posttranslational	PGD1661460	rplI	Dcrc vs WT	1.186306	3.78E-09
PA14_65160	membrane_proteins	PGD1661462	NA	Dcrc vs WT	1.116068	1.66E-09
PA14_65170	translation_posttranslational	PGD1661464	rpsR	Dcrc vs WT	1.642413	6.46E-17
PA14_65180	translation_posttranslational	PGD1661466	rpsF	Dcrc vs WT	1.000385	5.40E-10
PA14_65960	cell_wall_LPS	PGD1661578	waaA	Dcrc vs WT	-1.33448	9.62E-07
PA14_66460	adaptation_and_protection	PGD1661656	NA	Dcrc vs WT	-1.00807	1.53E-04
PA14_66530	transcriptional_regulators	PGD1661666	NA	Dcrc vs WT	-1.28447	3.70E-04
PA14_67370	transport_of_small_molecule	PGD1661806	NA	Dcrc vs WT	-1.29175	1.55E-08
PA14_67540	hypothetical_unclassified	PGD1661834	NA	Dcrc vs WT	-1.16993	0.001084
PA14_67550	transcriptional_regulators	PGD1661836	NA	Dcrc vs WT	-2.04399	4.91E-07
PA14_67560	adaptation_and_protection	PGD1661838	typA	Dcrc vs WT	1.210686	2.48E-14
PA14_67720	protein_secretion_export	PGD1661860	secB	Dcrc vs WT	1.402218	1.03E-21
PA14_67740	energy_metabolism_CAP	PGD1661862	grx	Dcrc vs WT	1.467745	8.59E-13
PA14_67740	nucleotide_biosynthesis_and	PGD1661862	grx	Dcrc vs WT	1.467745	8.59E-13
PA14_68000	hypothetical_unclassified	PGD1661904	NA	Dcrc vs WT	1.058147	6.44E-07
PA14_68070	transport_of_small_molecule	PGD1661916	NA	Dcrc vs WT	1.193184	3.45E-08
PA14_68120	cell_wall_LPS	PGD1661926	NA	Dcrc vs WT	-1.25383	3.18E-05
PA14_68190	cell_wall_LPS	PGD1661936	rmID	Dcrc vs WT	-1.21389	3.33E-15
PA14_68280	membrane_proteins	PGD1661948	NA	Dcrc vs WT	1.054171	1.63E-05
PA14_68280	transport_of_small_molecule	PGD1661948	NA	Dcrc vs WT	1.054171	1.63E-05
PA14_68630	chaperones_heat_shock	PGD1662004	NA	Dcrc vs WT	-1.04901	0.005144
PA14_68720	hypothetical_unclassified	PGD1662018	NA	Dcrc vs WT	-1.40704	0.005135
PA14_69600	hypothetical_unclassified	PGD1662160	NA	Dcrc vs WT	-1.16534	4.72E-08
PA14_69820	hypothetical_unclassified	PGD1662196	NA	Dcrc vs WT	1.088077	2.63E-05
PA14_69925	central_intermediary_metab	PGD1662212	poxB	Dcrc vs WT	1.503909	2.76E-06
PA14_69925	energy_metabolism_CAP	PGD1662212	poxB	Dcrc vs WT	1.503909	2.76E-06
PA14_70050	hypothetical_unclassified	PGD1662228	NA	Dcrc vs WT	-1.10019	2.77E-11
PA14_70390	carbon_compound_catabolis	PGD1662282	crc	Dcrc vs WT	-2.86367	8.67E-57
PA14_70390	DNA_replication_recombinat	PGD1662282	crc	Dcrc vs WT	-2.86367	8.67E-57
PA14_70390	energy_metabolism_CAP	PGD1662282	crc	Dcrc vs WT	-2.86367	8.67E-57



PA14_70510	transport_of_small_molecule	PGD1662300	NA	Dcrc vs WT	-1.42672	0.012655
PA14_70640	carbon_compound_catabolism	PGD1662320	rubA1	Dcrc vs WT	1.051361	2.43E-05
PA14_70650	putative_enzymes	PGD1662322	NA	Dcrc vs WT	1.072907	0.004946
PA14_70670	carbon_compound_catabolism	PGD1662324	glcF	Dcrc vs WT	1.276561	1.67E-04
PA14_70670	central_intermediary_metabolism	PGD1662324	glcF	Dcrc vs WT	1.276561	1.67E-04
PA14_70670	energy_metabolism_CAP	PGD1662324	glcF	Dcrc vs WT	1.276561	1.67E-04
PA14_70690	carbon_compound_catabolism	PGD1662328	glcD	Dcrc vs WT	1.064571	2.07E-05
PA14_70690	central_intermediary_metabolism	PGD1662328	glcD	Dcrc vs WT	1.064571	2.07E-05
PA14_71060	amino_acid_biosynthesis_mechanism	PGD1662386	sdaB	Dcrc vs WT	-1.33216	1.09E-06
PA14_71080	hypothetical_unclassified	PGD1662390	NA	Dcrc vs WT	-1.43898	1.04E-06
PA14_71100	membrane_proteins	PGD1662394	NA	Dcrc vs WT	2.354421	6.82E-06
PA14_71240	amino_acid_biosynthesis_mechanism	PGD1662420	NA	Dcrc vs WT	-1.03047	0.046621
PA14_71250	hypothetical_unclassified	PGD1662422	NA	Dcrc vs WT	-1.80893	0.008145
PA14_71260	amino_acid_biosynthesis_mechanism	PGD1662424	NA	Dcrc vs WT	-1.24456	1.28E-06
PA14_71260	energy_metabolism_CAP	PGD1662424	NA	Dcrc vs WT	-1.24456	1.28E-06
PA14_71280	amino_acid_biosynthesis_mechanism	PGD1662426	NA	Dcrc vs WT	-1.95724	1.21E-06
PA14_71280	energy_metabolism_CAP	PGD1662426	NA	Dcrc vs WT	-1.95724	1.21E-06
PA14_71330	transcriptional_regulators	PGD1662434	NA	Dcrc vs WT	1.003241	0.047303
PA14_71360	hypothetical_unclassified	PGD1662440	NA	Dcrc vs WT	1.083435	2.60E-04
PA14_71380	hypothetical_unclassified	PGD1662444	NA	Dcrc vs WT	-1.60874	3.65E-10
PA14_71390	membrane_proteins	PGD1662446	NA	Dcrc vs WT	-1.08469	1.84E-07
PA14_71400	hypothetical_unclassified	PGD1662448	NA	Dcrc vs WT	-1.40371	8.19E-04
PA14_71410	transport_of_small_molecule	PGD1662450	NA	Dcrc vs WT	-1.8209	0.009237
PA14_71420	energy_metabolism_CAP	PGD1662452	NA	Dcrc vs WT	-1.11364	0.002047
PA14_71460	amino_acid_biosynthesis_mechanism	PGD1662460	glyA1	Dcrc vs WT	-1.95423	4.30E-04
PA14_71470	amino_acid_biosynthesis_mechanism	PGD1662462	soxB	Dcrc vs WT	-1.79935	3.35E-06
PA14_71470	carbon_compound_catabolism	PGD1662462	soxB	Dcrc vs WT	-1.79935	3.35E-06
PA14_71490	amino_acid_biosynthesis_mechanism	PGD1662464	soxD	Dcrc vs WT	-2.40998	0.01654
PA14_71490	carbon_compound_catabolism	PGD1662464	soxD	Dcrc vs WT	-2.40998	0.01654
PA14_71500	carbon_compound_catabolism	PGD1662466	soxA	Dcrc vs WT	-1.93752	2.61E-07
PA14_71510	amino_acid_biosynthesis_mechanism	PGD1662468	soxG	Dcrc vs WT	-1.36712	0.011464
PA14_71510	carbon_compound_catabolism	PGD1662468	soxG	Dcrc vs WT	-1.36712	0.011464
PA14_71530	nucleotide_biosynthesis_and_mechanism	PGD1662470	purU2	Dcrc vs WT	-1.3618	0.009757
PA14_71560	amino_acid_biosynthesis_mechanism	PGD1662472	fdhA	Dcrc vs WT	-1.56424	1.87E-04
PA14_71750	transcriptional_regulators	PGD1662504	NA	Dcrc vs WT	1.394546	7.55E-18
PA14_72620	transport_of_small_molecule	PGD1662640	metN	Dcrc vs WT	1.268069	8.99E-11
PA14_72660	biosynthesis_of_cofactors	PGD1662648	NA	Dcrc vs WT	1.40368	0.001484
PA14_73110	membrane_proteins	PGD1662724	NA	Dcrc vs WT	1.008188	2.94E-08
PA14_73110	transport_of_small_molecule	PGD1662724	NA	Dcrc vs WT	1.008188	2.94E-08
PA14_73240	energy_metabolism_CAP	PGD1662744	atpD	Dcrc vs WT	1.158163	6.13E-09
PA14_73280	energy_metabolism_CAP	PGD1662750	atpH	Dcrc vs WT	1.321896	6.43E-12
PA14_73290	energy_metabolism_CAP	PGD1662752	atpF	Dcrc vs WT	1.42005	6.23E-19
PA14_73420	transcription_RNA_processing	PGD1662774	rnpA	Dcrc vs WT	1.043445	1.37E-15
PA14_73420	translation_posttranslational	PGD1662774	rnpA	Dcrc vs WT	1.043445	1.37E-15
PA14_99999	NA	gene_crcZ	crcZ	Dcrc vs WT	-3.86128	3.71E-04
PA14_00190	amino_acid_biosynthesis_mechanism	PGD1650869	fnt	DrhIR DcbrA Dcrc vs WT	1.58615	5.43E-08
PA14_00190	translation_posttranslational	PGD1650869	fnt	DrhIR DcbrA Dcrc vs WT	1.58615	5.43E-08
PA14_00210	putative_enzymes	PGD1650873	NA	DrhIR DcbrA Dcrc vs WT	1.504761	6.69E-17
PA14_00230	DNA_replication_recombination	PGD1650875	NA	DrhIR DcbrA Dcrc vs WT	1.068131	0.006598
PA14_00230	membrane_proteins	PGD1650875	NA	DrhIR DcbrA Dcrc vs WT	1.068131	0.006598

PA14_00620	hypothetical_unclassified	PGD1650935	NA	DrhIR DcbrA Dcrc vs WT	1.787652	4.41E-20
PA14_00640	putative_enzymes	PGD1650939	phzH	DrhIR DcbrA Dcrc vs WT	-5.2946	1.66E-39
PA14_00800	nucleotide_biosynthesis_and	PGD1650971	NA	DrhIR DcbrA Dcrc vs WT	-1.22789	2.68E-07
PA14_00860	protein_secretion_export	PGD1650981	tagT1	DrhIR DcbrA Dcrc vs WT	2.158065	3.76E-05
PA14_00860	transport_of_small_molecul	PGD1650981	tagT1	DrhIR DcbrA Dcrc vs WT	2.158065	3.76E-05
PA14_01350	hypothetical_unclassified	PGD1651061	NA	DrhIR DcbrA Dcrc vs WT	1.659956	2.51E-08
PA14_01360	energy_metabolism_CAP	PGD1651063	NA	DrhIR DcbrA Dcrc vs WT	1.100186	5.32E-04
PA14_01360	membrane_proteins	PGD1651063	NA	DrhIR DcbrA Dcrc vs WT	1.100186	5.32E-04
PA14_01480	transcriptional_regulators	PGD1651081	NA	DrhIR DcbrA Dcrc vs WT	1.027992	5.46E-04
PA14_01490	adaptation_and_protection	PGD1651083	NA	DrhIR DcbrA Dcrc vs WT	-5.22712	2.52E-59
PA14_01490	putative_enzymes	PGD1651083	NA	DrhIR DcbrA Dcrc vs WT	-5.22712	2.52E-59
PA14_01620	amino_acid_biosynthesis_m	PGD1651103	aptA	DrhIR DcbrA Dcrc vs WT	1.580743	1.23E-09
PA14_01620	carbon_compound_catabolis	PGD1651103	aptA	DrhIR DcbrA Dcrc vs WT	1.580743	1.23E-09
PA14_01790	nucleotide_biosynthesis_and	PGD1651129	NA	DrhIR DcbrA Dcrc vs WT	1.036155	5.98E-05
PA14_01860	transport_of_small_molecul	PGD1651139	NA	DrhIR DcbrA Dcrc vs WT	1.843924	5.67E-06
PA14_01960	transport_of_small_molecul	PGD1651153	NA	DrhIR DcbrA Dcrc vs WT	1.003544	2.68E-05
PA14_02060	membrane_proteins	PGD1651169	NA	DrhIR DcbrA Dcrc vs WT	1.35171	0.001799
PA14_02190	chemotaxis	PGD1651187	NA	DrhIR DcbrA Dcrc vs WT	-1.25334	0.003685
PA14_02290	transcriptional_regulators	PGD1651201	NA	DrhIR DcbrA Dcrc vs WT	1.005568	2.66E-04
PA14_02560	biosynthesis_of_cofactors	PGD1651243	NA	DrhIR DcbrA Dcrc vs WT	1.218078	0.001656
PA14_02730	amino_acid_biosynthesis_m	PGD1651271	NA	DrhIR DcbrA Dcrc vs WT	-1.48282	2.66E-04
PA14_02760	carbon_compound_catabolis	PGD1651277	NA	DrhIR DcbrA Dcrc vs WT	-2.30502	1.17E-12
PA14_02770	carbon_compound_catabolis	PGD1651279	NA	DrhIR DcbrA Dcrc vs WT	-2.25978	1.03E-07
PA14_02790	carbon_compound_catabolis	PGD1651281	pcaF	DrhIR DcbrA Dcrc vs WT	-2.16185	2.31E-13
PA14_02790	fatty_acid_and_phospholipid	PGD1651281	pcaF	DrhIR DcbrA Dcrc vs WT	-2.16185	2.31E-13
PA14_02890	hypothetical_unclassified	PGD1651293	NA	DrhIR DcbrA Dcrc vs WT	2.218118	8.04E-11
PA14_02900	carbon_compound_catabolis	PGD1651295	pcaK	DrhIR DcbrA Dcrc vs WT	-1.93389	1.56E-10
PA14_02900	membrane_proteins	PGD1651295	pcaK	DrhIR DcbrA Dcrc vs WT	-1.93389	1.56E-10
PA14_02900	transport_of_small_molecul	PGD1651295	pcaK	DrhIR DcbrA Dcrc vs WT	-1.93389	1.56E-10
PA14_02970	membrane_proteins	PGD1651303	NA	DrhIR DcbrA Dcrc vs WT	2.571221	1.43E-15
PA14_02980	membrane_proteins	PGD1651305	NA	DrhIR DcbrA Dcrc vs WT	-1.38493	0.041879
PA14_03050	carbon_compound_catabolis	PGD1651319	pobA	DrhIR DcbrA Dcrc vs WT	-1.28513	0.002417
PA14_03110	hypothetical_unclassified	PGD1651329	NA	DrhIR DcbrA Dcrc vs WT	2.809941	5.10E-15
PA14_03240	secreted_factors	PGD1651355	hcpC	DrhIR DcbrA Dcrc vs WT	-1.55538	7.51E-07
PA14_03430	central_intermediary_metab	PGD1651393	gabD	DrhIR DcbrA Dcrc vs WT	1.301758	7.73E-16
PA14_03450	amino_acid_biosynthesis_m	PGD1651395	gabT	DrhIR DcbrA Dcrc vs WT	1.289257	8.31E-10
PA14_03450	carbon_compound_catabolis	PGD1651395	gabT	DrhIR DcbrA Dcrc vs WT	1.289257	8.31E-10
PA14_03450	central_intermediary_metab	PGD1651395	gabT	DrhIR DcbrA Dcrc vs WT	1.289257	8.31E-10
PA14_03490	carbon_compound_catabolis	PGD1651401	NA	DrhIR DcbrA Dcrc vs WT	-3.53733	3.68E-78
PA14_03510	hypothetical_unclassified	PGD1651403	NA	DrhIR DcbrA Dcrc vs WT	-3.70781	5.06E-33
PA14_03520	hypothetical_unclassified	PGD1651405	NA	DrhIR DcbrA Dcrc vs WT	-3.88596	1.44E-31
PA14_03550	transport_of_small_molecul	PGD1651409	NA	DrhIR DcbrA Dcrc vs WT	1.473127	0.030963
PA14_03630	transcriptional_regulators	PGD1651421	NA	DrhIR DcbrA Dcrc vs WT	1.667248	1.06E-06
PA14_03855	transport_of_small_molecul	PGD1651453	NA	DrhIR DcbrA Dcrc vs WT	1.364234	7.74E-09
PA14_03870	amino_acid_biosynthesis_m	PGD1651457	spuA	DrhIR DcbrA Dcrc vs WT	1.188569	5.50E-08
PA14_03880	amino_acid_biosynthesis_m	PGD1651459	spuB	DrhIR DcbrA Dcrc vs WT	1.365689	1.41E-19
PA14_03880	carbon_compound_catabolis	PGD1651459	spuB	DrhIR DcbrA Dcrc vs WT	1.365689	1.41E-19
PA14_03880	putative_enzymes	PGD1651459	spuB	DrhIR DcbrA Dcrc vs WT	1.365689	1.41E-19
PA14_03900	biosynthesis_of_cofactors	PGD1651461	spuC	DrhIR DcbrA Dcrc vs WT	1.242984	5.93E-22
PA14_03980	carbon_compound_catabolis	PGD1651473	NA	DrhIR DcbrA Dcrc vs WT	1.285003	2.60E-08

PA14_03980	central_intermediary_metab	PGD1651473	NA	DrhIR DcbrA Dcrc vs WT	1.285003	2.60E-08
PA14_04180	hypothetical_unclassified	PGD1651505	NA	DrhIR DcbrA Dcrc vs WT	1.292446	0.006768
PA14_04210	transport_of_small_molecule	PGD1651509	NA	DrhIR DcbrA Dcrc vs WT	-1.4715	0.002066
PA14_04290	amino_acid_biosynthesis_mε	PGD1651521	NA	DrhIR DcbrA Dcrc vs WT	1.207862	7.61E-12
PA14_04290	membrane_proteins	PGD1651521	NA	DrhIR DcbrA Dcrc vs WT	1.207862	7.61E-12
PA14_04330	membrane_proteins	PGD1651529	NA	DrhIR DcbrA Dcrc vs WT	1.227615	2.89E-07
PA14_04530	hypothetical_unclassified	PGD1651559	NA	DrhIR DcbrA Dcrc vs WT	1.129441	4.68E-09
PA14_04690	hypothetical_unclassified	PGD1651585	NA	DrhIR DcbrA Dcrc vs WT	1.321699	8.69E-10
PA14_04780	energy_metabolism_CAP	PGD1651597	laoA	DrhIR DcbrA Dcrc vs WT	-1.14154	7.45E-07
PA14_04790	membrane_proteins	PGD1651599	laoB	DrhIR DcbrA Dcrc vs WT	-1.1444	2.00E-06
PA14_04810	energy_metabolism_CAP	PGD1651601	laoC	DrhIR DcbrA Dcrc vs WT	-1.02115	1.35E-12
PA14_04810	putative_enzymes	PGD1651601	laoC	DrhIR DcbrA Dcrc vs WT	-1.02115	1.35E-12
PA14_05110	hypothetical_unclassified	PGD1651653	NA	DrhIR DcbrA Dcrc vs WT	1.97734	1.08E-25
PA14_05250	nucleotide_biosynthesis_and	PGD1651675	pyrC	DrhIR DcbrA Dcrc vs WT	1.232628	8.72E-10
PA14_05330	chemotaxis	PGD1651691	pilH	DrhIR DcbrA Dcrc vs WT	1.074456	4.09E-07
PA14_05330	motility_and_attachment	PGD1651691	pilH	DrhIR DcbrA Dcrc vs WT	1.074456	4.09E-07
PA14_05330	two_component_regulators	PGD1651691	pilH	DrhIR DcbrA Dcrc vs WT	1.074456	4.09E-07
PA14_05340	chemotaxis	PGD1651693	pill	DrhIR DcbrA Dcrc vs WT	1.111642	5.37E-07
PA14_05340	motility_and_attachment	PGD1651693	pill	DrhIR DcbrA Dcrc vs WT	1.111642	5.37E-07
PA14_05360	chemotaxis	PGD1651695	pilJ	DrhIR DcbrA Dcrc vs WT	1.318295	7.92E-14
PA14_05390	chemotaxis	PGD1651699	chpA	DrhIR DcbrA Dcrc vs WT	1.165669	5.11E-14
PA14_05390	motility_and_attachment	PGD1651699	chpA	DrhIR DcbrA Dcrc vs WT	1.165669	5.11E-14
PA14_05390	two_component_regulators	PGD1651699	chpA	DrhIR DcbrA Dcrc vs WT	1.165669	5.11E-14
PA14_05630	hypothetical_unclassified	PGD1651739	NA	DrhIR DcbrA Dcrc vs WT	1.40617	3.78E-05
PA14_05640	membrane_proteins	PGD1651741	NA	DrhIR DcbrA Dcrc vs WT	1.001827	0.001417
PA14_05660	transcriptional_regulators	PGD1651745	NA	DrhIR DcbrA Dcrc vs WT	-1.63111	1.33E-25
PA14_05690	nucleotide_biosynthesis_and	PGD1651747	codA	DrhIR DcbrA Dcrc vs WT	1.026357	0.001826
PA14_05740	nucleotide_biosynthesis_and	PGD1651751	NA	DrhIR DcbrA Dcrc vs WT	3.364663	1.22E-06
PA14_05740	putative_enzymes	PGD1651751	NA	DrhIR DcbrA Dcrc vs WT	3.364663	1.22E-06
PA14_05750	amino_acid_biosynthesis_mε	PGD1651753	NA	DrhIR DcbrA Dcrc vs WT	3.199715	1.38E-10
PA14_05750	putative_enzymes	PGD1651753	NA	DrhIR DcbrA Dcrc vs WT	3.199715	1.38E-10
PA14_05810	nucleotide_biosynthesis_and	PGD1651761	amaB	DrhIR DcbrA Dcrc vs WT	1.240057	1.99E-06
PA14_05890	membrane_proteins	PGD1651775	NA	DrhIR DcbrA Dcrc vs WT	-1.36229	6.06E-09
PA14_06000	translation_posttranslational	PGD1651789	NA	DrhIR DcbrA Dcrc vs WT	1.114504	7.50E-08
PA14_06230	transport_of_small_molecule	PGD1651823	NA	DrhIR DcbrA Dcrc vs WT	-1.22809	0.002752
PA14_06540	biosynthesis_of_cofactors	PGD1651871	NA	DrhIR DcbrA Dcrc vs WT	1.602142	2.79E-06
PA14_06570	biosynthesis_of_cofactors	PGD1651873	bioD	DrhIR DcbrA Dcrc vs WT	1.194292	3.66E-04
PA14_06710	biosynthesis_of_cofactors	PGD1651895	NA	DrhIR DcbrA Dcrc vs WT	1.369796	1.53E-06
PA14_06710	energy_metabolism_CAP	PGD1651895	NA	DrhIR DcbrA Dcrc vs WT	1.369796	1.53E-06
PA14_06710	transcriptional_regulators	PGD1651895	NA	DrhIR DcbrA Dcrc vs WT	1.369796	1.53E-06
PA14_06720	energy_metabolism_CAP	PGD1651897	nirF	DrhIR DcbrA Dcrc vs WT	1.18237	4.81E-05
PA14_06730	biosynthesis_of_cofactors	PGD1651899	nirC	DrhIR DcbrA Dcrc vs WT	1.511123	5.46E-06
PA14_06730	energy_metabolism_CAP	PGD1651899	nirC	DrhIR DcbrA Dcrc vs WT	1.511123	5.46E-06
PA14_06750	energy_metabolism_CAP	PGD1651903	nirS	DrhIR DcbrA Dcrc vs WT	1.329007	1.46E-06
PA14_06790	energy_metabolism_CAP	PGD1651907	NA	DrhIR DcbrA Dcrc vs WT	-1.09807	0.001529
PA14_06860	hypothetical_unclassified	PGD1651917	NA	DrhIR DcbrA Dcrc vs WT	1.43504	3.81E-07
PA14_06870	transcriptional_regulators	PGD1651919	dnr	DrhIR DcbrA Dcrc vs WT	1.541383	1.64E-10
NA	NA	PGD1651922	NA	DrhIR DcbrA Dcrc vs WT	-2.12884	6.36E-05
PA14_07070	energy_metabolism_CAP	PGD1651959	NA	DrhIR DcbrA Dcrc vs WT	1.054233	1.76E-05
PA14_07430	hypothetical_unclassified	PGD1652013	NA	DrhIR DcbrA Dcrc vs WT	-1.37867	6.48E-07

PA14_07710	hypothetical_unclassified	PGD1652057	apaG	DrhIR DcbrA Dcrc vs WT	-1.15188	1.48E-08
PA14_07850	transport_of_small_molecul	PGD1652079	NA	DrhIR DcbrA Dcrc vs WT	1.992922	1.52E-19
PA14_07970	transcription_RNA_processin	PGD1652099	NA	DrhIR DcbrA Dcrc vs WT	2.268505	2.35E-06
PA14_07980	hypothetical_unclassified	PGD1652101	NA	DrhIR DcbrA Dcrc vs WT	1.085038	0.010121
PA14_08010	relative_phage_transposon	PGD1652107	NA	DrhIR DcbrA Dcrc vs WT	2.268452	1.02E-04
PA14_08020	relative_phage_transposon	PGD1652109	NA	DrhIR DcbrA Dcrc vs WT	2.777447	4.53E-05
PA14_08030	relative_phage_transposon	PGD1652111	NA	DrhIR DcbrA Dcrc vs WT	2.502838	1.08E-08
PA14_08040	relative_phage_transposon	PGD1652113	NA	DrhIR DcbrA Dcrc vs WT	3.286418	1.75E-06
PA14_08070	relative_phage_transposon	PGD1652119	NA	DrhIR DcbrA Dcrc vs WT	1.841724	1.74E-09
PA14_08090	relative_phage_transposon	PGD1652121	NA	DrhIR DcbrA Dcrc vs WT	1.9168	1.23E-06
PA14_08100	relative_phage_transposon	PGD1652123	NA	DrhIR DcbrA Dcrc vs WT	1.554578	4.87E-04
PA14_08110	hypothetical_unclassified	PGD1652125	NA	DrhIR DcbrA Dcrc vs WT	2.011318	0.014614
PA14_08120	relative_phage_transposon	PGD1652127	NA	DrhIR DcbrA Dcrc vs WT	2.042094	8.38E-06
PA14_08130	relative_phage_transposon	PGD1652129	NA	DrhIR DcbrA Dcrc vs WT	1.694918	2.51E-06
PA14_08140	relative_phage_transposon	PGD1652131	NA	DrhIR DcbrA Dcrc vs WT	1.845523	0.017091
PA14_08150	relative_phage_transposon	PGD1652133	NA	DrhIR DcbrA Dcrc vs WT	2.673334	3.02E-09
PA14_08160	putative_enzymes	PGD1652135	NA	DrhIR DcbrA Dcrc vs WT	1.974912	4.96E-04
PA14_08180	hypothetical_unclassified	PGD1652137	NA	DrhIR DcbrA Dcrc vs WT	3.000219	9.95E-04
PA14_08190	hypothetical_unclassified	PGD1652139	NA	DrhIR DcbrA Dcrc vs WT	2.956025	1.83E-04
PA14_08200	relative_phage_transposon	PGD1652141	NA	DrhIR DcbrA Dcrc vs WT	2.539933	5.42E-04
PA14_08210	relative_phage_transposon	PGD1652143	NA	DrhIR DcbrA Dcrc vs WT	2.205659	3.39E-09
PA14_08220	hypothetical_unclassified	PGD1652145	NA	DrhIR DcbrA Dcrc vs WT	2.290958	8.56E-08
PA14_08230	hypothetical_unclassified	PGD1652147	NA	DrhIR DcbrA Dcrc vs WT	1.494409	0.001182
PA14_08240	relative_phage_transposon	PGD1652149	NA	DrhIR DcbrA Dcrc vs WT	2.572719	3.10E-07
PA14_08250	relative_phage_transposon	PGD1652151	NA	DrhIR DcbrA Dcrc vs WT	2.092172	1.91E-04
PA14_08260	relative_phage_transposon	PGD1652153	NA	DrhIR DcbrA Dcrc vs WT	2.131649	4.36E-05
PA14_08270	hypothetical_unclassified	PGD1652155	NA	DrhIR DcbrA Dcrc vs WT	2.926411	1.14E-07
PA14_08280	relative_phage_transposon	PGD1652157	NA	DrhIR DcbrA Dcrc vs WT	1.84622	7.26E-05
PA14_08300	relative_phage_transposon	PGD1652159	NA	DrhIR DcbrA Dcrc vs WT	1.425683	6.90E-05
PA14_09160	adaptation_and_protection	PGD1652315	bfrA	DrhIR DcbrA Dcrc vs WT	1.20144	3.51E-13
PA14_09160	transport_of_small_molecul	PGD1652315	bfrA	DrhIR DcbrA Dcrc vs WT	1.20144	3.51E-13
PA14_09370	antibiotic_resistance_and_su	PGD1652347	NA	DrhIR DcbrA Dcrc vs WT	1.057544	0.001826
PA14_09370	membrane_proteins	PGD1652347	NA	DrhIR DcbrA Dcrc vs WT	1.057544	0.001826
PA14_09400	putative_enzymes	PGD1652351	phzS	DrhIR DcbrA Dcrc vs WT	-2.02508	9.37E-11
PA14_09410	secreted_factors	PGD1652353	phzG1	DrhIR DcbrA Dcrc vs WT	-2.12792	0.005587
PA14_09440	secreted_factors	PGD1652357	phzE1	DrhIR DcbrA Dcrc vs WT	-5.99865	5.99E-18
PA14_09450	secreted_factors	PGD1652359	phzD1	DrhIR DcbrA Dcrc vs WT	-3.67111	6.47E-05
PA14_09460	secreted_factors	PGD1652361	phzC1	DrhIR DcbrA Dcrc vs WT	-1.64815	0.004309
PA14_09470	secreted_factors	PGD1652363	phzB1	DrhIR DcbrA Dcrc vs WT	-1.96471	9.35E-05
PA14_09480	secreted_factors	PGD1652365	phzA1	DrhIR DcbrA Dcrc vs WT	-6.96736	1.67E-07
PA14_09490	putative_enzymes	PGD1652367	phzM	DrhIR DcbrA Dcrc vs WT	-1.31801	3.24E-09
PA14_09500	membrane_proteins	PGD1652369	opmD	DrhIR DcbrA Dcrc vs WT	-3.83901	1.98E-17
PA14_09500	transport_of_small_molecul	PGD1652369	opmD	DrhIR DcbrA Dcrc vs WT	-3.83901	1.98E-17
PA14_09520	transport_of_small_molecul	PGD1652371	mexI	DrhIR DcbrA Dcrc vs WT	-3.33924	5.95E-45
PA14_09530	transport_of_small_molecul	PGD1652373	mexH	DrhIR DcbrA Dcrc vs WT	-5.34542	2.35E-25
PA14_09540	membrane_proteins	PGD1652375	mexG	DrhIR DcbrA Dcrc vs WT	-4.63629	3.60E-21
PA14_09810	hypothetical_unclassified	PGD1652413	NA	DrhIR DcbrA Dcrc vs WT	2.241893	0.002055
PA14_09870	hypothetical_unclassified	PGD1652419	eftM	DrhIR DcbrA Dcrc vs WT	1.50249	2.28E-06
PA14_09880	hypothetical_unclassified	PGD1652421	NA	DrhIR DcbrA Dcrc vs WT	1.781963	1.17E-04
PA14_09900	putative_enzymes	PGD1652425	prpL	DrhIR DcbrA Dcrc vs WT	2.290219	4.01E-17

PA14_09900	secreted_factors	PGD1652425	prpL	DrhIR DcbrA Dcrc vs WT	2.290219	4.01E-17
PA14_10160	transport_of_small_molecule	PGD1652467	fepD	DrhIR DcbrA Dcrc vs WT	1.659198	0.015278
PA14_10170	transport_of_small_molecule	PGD1652469	fepB	DrhIR DcbrA Dcrc vs WT	1.778368	2.40E-06
PA14_10200	membrane_proteins	PGD1652475	NA	DrhIR DcbrA Dcrc vs WT	1.560579	1.08E-05
PA14_10240	carbon_compound_catabolism	PGD1652483	NA	DrhIR DcbrA Dcrc vs WT	1.587256	0.017486
PA14_10250	carbon_compound_catabolism	PGD1652485	acoB	DrhIR DcbrA Dcrc vs WT	1.803073	9.72E-04
PA14_10260	carbon_compound_catabolism	PGD1652487	NA	DrhIR DcbrA Dcrc vs WT	1.715929	8.27E-05
PA14_10270	carbon_compound_catabolism	PGD1652489	NA	DrhIR DcbrA Dcrc vs WT	4.127853	0.003005
PA14_10290	transcriptional_regulators	PGD1652493	acoR	DrhIR DcbrA Dcrc vs WT	2.207562	1.32E-38
PA14_10300	protein_secretion_export	PGD1652495	NA	DrhIR DcbrA Dcrc vs WT	1.240119	0.001356
PA14_10330	protein_secretion_export	PGD1652499	NA	DrhIR DcbrA Dcrc vs WT	-1.58881	7.87E-12
PA14_10340	protein_secretion_export	PGD1652501	NA	DrhIR DcbrA Dcrc vs WT	-1.16844	2.23E-05
PA14_10350	protein_secretion_export	PGD1652503	NA	DrhIR DcbrA Dcrc vs WT	-3.11458	6.92E-57
PA14_10360	hypothetical_unclassified	PGD1652505	NA	DrhIR DcbrA Dcrc vs WT	-6.33065	6.70E-193
PA14_10370	fatty_acid_and_phospholipid	PGD1652507	NA	DrhIR DcbrA Dcrc vs WT	-1.04413	3.86E-04
PA14_10380	hypothetical_unclassified	PGD1652509	NA	DrhIR DcbrA Dcrc vs WT	-1.37978	9.97E-20
PA14_10420	amino_acid_biosynthesis_mechanism	PGD1652515	tyrS	DrhIR DcbrA Dcrc vs WT	1.041812	1.66E-04
PA14_10420	translation_posttranslational	PGD1652515	tyrS	DrhIR DcbrA Dcrc vs WT	1.041812	1.66E-04
PA14_10470	membrane_proteins	PGD1652519	NA	DrhIR DcbrA Dcrc vs WT	1.090275	2.26E-04
PA14_10470	transport_of_small_molecule	PGD1652519	NA	DrhIR DcbrA Dcrc vs WT	1.090275	2.26E-04
PA14_10570	carbon_compound_catabolism	PGD1652535	NA	DrhIR DcbrA Dcrc vs WT	1.291103	1.87E-04
PA14_11000	carbon_compound_catabolism	PGD1652605	hpaA	DrhIR DcbrA Dcrc vs WT	1.379796	1.32E-12
PA14_11130	putative_enzymes	PGD1652629	NA	DrhIR DcbrA Dcrc vs WT	-1.46702	3.37E-19
PA14_11140	biosynthesis_of_cofactors	PGD1652631	NA	DrhIR DcbrA Dcrc vs WT	-3.34547	4.93E-49
PA14_11320	hypothetical_unclassified	PGD1652661	NA	DrhIR DcbrA Dcrc vs WT	-1.04953	9.18E-04
PA14_11460	biosynthesis_of_cofactors	PGD1652683	thiL	DrhIR DcbrA Dcrc vs WT	1.054581	0.001598
PA14_11790	transport_of_small_molecule	PGD1652739	NA	DrhIR DcbrA Dcrc vs WT	1.505106	1.42E-07
PA14_11810	putative_enzymes	PGD1652741	NA	DrhIR DcbrA Dcrc vs WT	2.478482	1.29E-41
PA14_12640	hypothetical_unclassified	PGD1652863	NA	DrhIR DcbrA Dcrc vs WT	1.521214	0.002822
PA14_12690	carbon_compound_catabolism	PGD1652871	NA	DrhIR DcbrA Dcrc vs WT	1.234564	3.58E-11
PA14_12740	hypothetical_unclassified	PGD1652879	NA	DrhIR DcbrA Dcrc vs WT	1.657551	5.99E-10
PA14_12940	transport_of_small_molecule	PGD1652909	NA	DrhIR DcbrA Dcrc vs WT	1.132965	0.013342
PA14_12960	transport_of_small_molecule	PGD1652911	NA	DrhIR DcbrA Dcrc vs WT	2.07687	7.52E-05
PA14_13050	hypothetical_unclassified	PGD1652927	NA	DrhIR DcbrA Dcrc vs WT	-1.10636	5.77E-04
PA14_13130	hypothetical_unclassified	PGD1652937	NA	DrhIR DcbrA Dcrc vs WT	-1.78927	1.69E-19
PA14_13140	hypothetical_unclassified	PGD1652939	NA	DrhIR DcbrA Dcrc vs WT	-1.04298	3.18E-06
PA14_13170	transport_of_small_molecule	PGD1652943	NA	DrhIR DcbrA Dcrc vs WT	-3.2802	2.81E-40
PA14_13210	hypothetical_unclassified	PGD1652949	NA	DrhIR DcbrA Dcrc vs WT	-3.2829	2.28E-47
PA14_13240	biosynthesis_of_cofactors	PGD1652955	moaD	DrhIR DcbrA Dcrc vs WT	-1.90205	4.57E-10
PA14_13250	biosynthesis_of_cofactors	PGD1652957	moaE	DrhIR DcbrA Dcrc vs WT	-1.61336	2.20E-12
PA14_13260	biosynthesis_of_cofactors	PGD1652959	moaB1	DrhIR DcbrA Dcrc vs WT	-2.58405	4.48E-22
PA14_13280	biosynthesis_of_cofactors	PGD1652961	moeA1	DrhIR DcbrA Dcrc vs WT	-2.35846	1.77E-13
PA14_13300	translation_posttranslational	PGD1652965	NA	DrhIR DcbrA Dcrc vs WT	-1.09403	2.60E-04
PA14_13330	nucleotide_biosynthesis_and	PGD1652969	NA	DrhIR DcbrA Dcrc vs WT	-1.1887	2.30E-06
PA14_13330	putative_enzymes	PGD1652969	NA	DrhIR DcbrA Dcrc vs WT	-1.1887	2.30E-06
PA14_13330	secreted_factors	PGD1652969	NA	DrhIR DcbrA Dcrc vs WT	-1.1887	2.30E-06
PA14_13340	transcription_RNA_processing	PGD1652971	NA	DrhIR DcbrA Dcrc vs WT	-2.3658	3.90E-12
PA14_13450	membrane_proteins	PGD1652989	NA	DrhIR DcbrA Dcrc vs WT	1.078269	0.03772
PA14_13460	transcriptional_regulators	PGD1652991	NA	DrhIR DcbrA Dcrc vs WT	1.309437	0.023537
PA14_13650	carbon_compound_catabolism	PGD1653019	NA	DrhIR DcbrA Dcrc vs WT	-1.00995	0.013164

PA14_13720	hypothetical_unclassified	PGD1653031	NA	DrhIR DcbrA Dcrc vs WT	1.752454	1.99E-08
PA14_13730	two_component_regulators	PGD1653033	narL	DrhIR DcbrA Dcrc vs WT	1.470175	1.17E-11
PA14_13750	membrane_proteins	PGD1653037	narK1	DrhIR DcbrA Dcrc vs WT	-1.41628	7.46E-08
PA14_13750	transport_of_small_molecule	PGD1653037	narK1	DrhIR DcbrA Dcrc vs WT	-1.41628	7.46E-08
PA14_13770	transport_of_small_molecule	PGD1653039	narK2	DrhIR DcbrA Dcrc vs WT	-1.22407	1.53E-06
PA14_13780	energy_metabolism_CAP	PGD1653041	narG	DrhIR DcbrA Dcrc vs WT	-1.26271	4.46E-08
PA14_13810	energy_metabolism_CAP	PGD1653045	narJ	DrhIR DcbrA Dcrc vs WT	-1.18052	0.001309
PA14_13830	energy_metabolism_CAP	PGD1653047	narI	DrhIR DcbrA Dcrc vs WT	-1.16296	6.86E-05
PA14_13920	hypothetical_unclassified	PGD1653063	NA	DrhIR DcbrA Dcrc vs WT	1.268085	0.003084
PA14_14320	hypothetical_unclassified	PGD1653121	NA	DrhIR DcbrA Dcrc vs WT	-1.10664	0.049956
PA14_14430	hypothetical_unclassified	PGD1653139	NA	DrhIR DcbrA Dcrc vs WT	-1.29701	4.12E-05
PA14_15160	hypothetical_unclassified	PGD1653255	NA	DrhIR DcbrA Dcrc vs WT	1.241418	7.11E-05
PA14_15770	hypothetical_unclassified	PGD1653357	NA	DrhIR DcbrA Dcrc vs WT	1.073475	3.45E-09
PA14_16100	hypothetical_unclassified	PGD1653413	NA	DrhIR DcbrA Dcrc vs WT	-3.38797	1.05E-45
PA14_16110	hypothetical_unclassified	PGD1653415	NA	DrhIR DcbrA Dcrc vs WT	-1.56938	8.00E-14
PA14_16150	transcription_RNA_processing	PGD1653421	NA	DrhIR DcbrA Dcrc vs WT	1.372768	1.40E-13
PA14_16250	amino_acid_biosynthesis_mechanism	PGD1653435	lasB	DrhIR DcbrA Dcrc vs WT	-1.84527	3.82E-09
PA14_16250	secreted_factors	PGD1653435	lasB	DrhIR DcbrA Dcrc vs WT	-1.84527	3.82E-09
PA14_16250	translation_posttranslational	PGD1653435	lasB	DrhIR DcbrA Dcrc vs WT	-1.84527	3.82E-09
PA14_16300	antibiotic_resistance_and_survival	PGD1653445	NA	DrhIR DcbrA Dcrc vs WT	-1.83475	0.008622
PA14_16310	membrane_proteins	PGD1653447	NA	DrhIR DcbrA Dcrc vs WT	-2.11235	1.74E-09
PA14_16310	transport_of_small_molecule	PGD1653447	NA	DrhIR DcbrA Dcrc vs WT	-2.11235	1.74E-09
PA14_16800	transport_of_small_molecule	PGD1653529	NA	DrhIR DcbrA Dcrc vs WT	2.598139	1.50E-55
PA14_16820	antibiotic_resistance_and_survival	PGD1653531	NA	DrhIR DcbrA Dcrc vs WT	1.63781	6.00E-41
PA14_16960	amino_acid_biosynthesis_mechanism	PGD1653553	NA	DrhIR DcbrA Dcrc vs WT	1.298538	3.17E-04
PA14_17400	central_intermediary_metabolism	PGD1653625	adhC	DrhIR DcbrA Dcrc vs WT	-1.30144	1.13E-09
PA14_17410	putative_enzymes	PGD1653627	NA	DrhIR DcbrA Dcrc vs WT	-1.202	4.11E-04
PA14_17470	cell_wall_LPS	PGD1653637	NA	DrhIR DcbrA Dcrc vs WT	-1.11264	1.51E-10
PA14_17480	transcriptional_regulators	PGD1653639	rpoS	DrhIR DcbrA Dcrc vs WT	-1.09031	6.16E-09
PA14_17550	putative_enzymes	PGD1653653	NA	DrhIR DcbrA Dcrc vs WT	1.055238	3.87E-10
PA14_17570	translation_posttranslational	PGD1653655	NA	DrhIR DcbrA Dcrc vs WT	1.436534	1.22E-11
PA14_17580	hypothetical_unclassified	PGD1653657	NA	DrhIR DcbrA Dcrc vs WT	1.542979	6.13E-12
PA14_17960	central_intermediary_metabolism	PGD1653719	glpK	DrhIR DcbrA Dcrc vs WT	1.474056	6.05E-10
PA14_18100	hypothetical_unclassified	PGD1653741	NA	DrhIR DcbrA Dcrc vs WT	3.000864	3.81E-20
PA14_18120	amino_acid_biosynthesis_mechanism	PGD1653745	mmsA	DrhIR DcbrA Dcrc vs WT	2.697506	5.70E-110
PA14_18140	carbon_compound_catabolism	PGD1653747	mmsB	DrhIR DcbrA Dcrc vs WT	2.179012	3.54E-44
PA14_18150	fatty_acid_and_phospholipid	PGD1653749	NA	DrhIR DcbrA Dcrc vs WT	3.785367	2.41E-118
PA14_18670	adaptation_and_protection	PGD1653823	bfrB	DrhIR DcbrA Dcrc vs WT	1.186176	2.54E-05
PA14_18670	transport_of_small_molecule	PGD1653823	bfrB	DrhIR DcbrA Dcrc vs WT	1.186176	2.54E-05
PA14_18720	membrane_proteins	PGD1653833	NA	DrhIR DcbrA Dcrc vs WT	1.626308	3.93E-20
PA14_18800	transport_of_small_molecule	PGD1653845	NA	DrhIR DcbrA Dcrc vs WT	-5.12902	3.96E-50
PA14_18810	hypothetical_unclassified	PGD1653847	NA	DrhIR DcbrA Dcrc vs WT	-1.70593	1.41E-07
PA14_18850	carbon_compound_catabolism	PGD1653853	NA	DrhIR DcbrA Dcrc vs WT	1.425488	0.001549
PA14_18850	putative_enzymes	PGD1653853	NA	DrhIR DcbrA Dcrc vs WT	1.425488	0.001549
PA14_18985	hypothetical_unclassified	PGD1653877	vgrG4b	DrhIR DcbrA Dcrc vs WT	-1.33248	7.79E-09
PA14_19100	secreted_factors	PGD1653891	rhIA	DrhIR DcbrA Dcrc vs WT	-8.23226	8.88E-49
PA14_19110	secreted_factors	PGD1653893	rhIB	DrhIR DcbrA Dcrc vs WT	-1.47373	9.72E-11
PA14_19120	transcriptional_regulators	PGD1653895	rhIR	DrhIR DcbrA Dcrc vs WT	-7.07113	1.93E-67
PA14_19130	adaptation_and_protection	PGD1653897	rhII	DrhIR DcbrA Dcrc vs WT	-1.62567	2.16E-22
PA14_19130	biosynthesis_of_cofactors	PGD1653897	rhII	DrhIR DcbrA Dcrc vs WT	-1.62567	2.16E-22

PA14_19140	amino_acid_biosynthesis_mε	PGD1653899	pheC	DrhIR DcbrA Dcrc vs WT	-1.89855	2.89E-35
PA14_19270	transport_of_small_moleculε	PGD1653915	NA	DrhIR DcbrA Dcrc vs WT	-1.30381	0.002237
PA14_19380	transcriptional_regulators	PGD1653933	NA	DrhIR DcbrA Dcrc vs WT	1.081349	7.09E-06
PA14_19510	transport_of_small_moleculε	PGD1653953	NA	DrhIR DcbrA Dcrc vs WT	1.34844	0.007947
PA14_19520	transport_of_small_moleculε	PGD1653955	NA	DrhIR DcbrA Dcrc vs WT	2.044429	3.25E-04
PA14_19560	central_intermediary_metab	PGD1653961	ssuD	DrhIR DcbrA Dcrc vs WT	1.459942	0.011051
PA14_19580	transport_of_small_moleculε	PGD1653965	ssuB	DrhIR DcbrA Dcrc vs WT	2.260762	0.001769
PA14_19590	central_intermediary_metab	PGD1653967	NA	DrhIR DcbrA Dcrc vs WT	1.745507	0.007528
PA14_19690	membrane_proteins	PGD1653987	NA	DrhIR DcbrA Dcrc vs WT	1.864246	0.004795
PA14_19690	protein_secretion_export	PGD1653987	NA	DrhIR DcbrA Dcrc vs WT	1.864246	0.004795
PA14_19700	carbon_compound_catabolis	PGD1653989	NA	DrhIR DcbrA Dcrc vs WT	1.089926	1.10E-06
PA14_19990	transcriptional_regulators	PGD1654031	NA	DrhIR DcbrA Dcrc vs WT	2.005978	4.71E-04
PA14_20000	membrane_proteins	PGD1654033	NA	DrhIR DcbrA Dcrc vs WT	3.609527	4.15E-12
PA14_20010	transport_of_small_moleculε	PGD1654035	hasR	DrhIR DcbrA Dcrc vs WT	3.696597	6.99E-11
PA14_20020	transport_of_small_moleculε	PGD1654037	hasAp	DrhIR DcbrA Dcrc vs WT	4.561911	6.11E-12
PA14_20030	protein_secretion_export	PGD1654039	hasD	DrhIR DcbrA Dcrc vs WT	4.066181	1.10E-09
PA14_20040	protein_secretion_export	PGD1654041	hasE	DrhIR DcbrA Dcrc vs WT	4.291718	3.10E-10
PA14_20050	protein_secretion_export	PGD1654043	NA	DrhIR DcbrA Dcrc vs WT	3.842668	6.91E-15
PA14_20070	membrane_proteins	PGD1654047	NA	DrhIR DcbrA Dcrc vs WT	1.006982	0.011932
PA14_20230	energy_metabolism_CAP	PGD1654071	nosR	DrhIR DcbrA Dcrc vs WT	1.236931	2.61E-05
PA14_20230	membrane_proteins	PGD1654071	nosR	DrhIR DcbrA Dcrc vs WT	1.236931	2.61E-05
PA14_20230	transcriptional_regulators	PGD1654071	nosR	DrhIR DcbrA Dcrc vs WT	1.236931	2.61E-05
PA14_20530	hypothetical_unclassified	PGD1654125	NA	DrhIR DcbrA Dcrc vs WT	1.140506	0.012613
PA14_20610	motility_and_attachment	PGD1654139	lecB	DrhIR DcbrA Dcrc vs WT	-7.5796	1.31E-34
PA14_20890	cell_wall_LPS	PGD1654187	rfaD	DrhIR DcbrA Dcrc vs WT	1.335512	4.62E-07
PA14_20900	membrane_proteins	PGD1654189	NA	DrhIR DcbrA Dcrc vs WT	-2.33248	7.40E-16
PA14_20920	hypothetical_unclassified	PGD1654191	NA	DrhIR DcbrA Dcrc vs WT	-1.95816	5.89E-23
PA14_20940	fatty_acid_and_phospholipid	PGD1654193	NA	DrhIR DcbrA Dcrc vs WT	-3.48253	4.62E-16
PA14_20950	fatty_acid_and_phospholipid	PGD1654195	fabH2	DrhIR DcbrA Dcrc vs WT	-3.84477	7.15E-28
PA14_20960	putative_enzymes	PGD1654197	NA	DrhIR DcbrA Dcrc vs WT	-2.30792	5.02E-09
PA14_20970	adaptation_and_protection	PGD1654199	cyp23	DrhIR DcbrA Dcrc vs WT	-2.69057	1.57E-16
PA14_20980	putative_enzymes	PGD1654201	NA	DrhIR DcbrA Dcrc vs WT	-2.19308	1.01E-14
PA14_21000	hypothetical_unclassified	PGD1654203	NA	DrhIR DcbrA Dcrc vs WT	-2.50278	3.84E-17
PA14_21010	energy_metabolism_CAP	PGD1654205	NA	DrhIR DcbrA Dcrc vs WT	-1.69446	2.11E-07
PA14_21020	biosynthesis_of_cofactors	PGD1654207	NA	DrhIR DcbrA Dcrc vs WT	-2.28129	1.40E-25
PA14_21030	cell_wall_LPS	PGD1654209	NA	DrhIR DcbrA Dcrc vs WT	-1.51256	1.84E-18
PA14_21030	translation_posttranslational	PGD1654209	NA	DrhIR DcbrA Dcrc vs WT	-1.51256	1.84E-18
PA14_21130	membrane_proteins	PGD1654227	NA	DrhIR DcbrA Dcrc vs WT	1.290574	7.92E-11
PA14_21220	hypothetical_unclassified	PGD1654243	NA	DrhIR DcbrA Dcrc vs WT	1.197377	1.49E-04
PA14_21300	transport_of_small_moleculε	PGD1654257	NA	DrhIR DcbrA Dcrc vs WT	-1.02795	2.82E-04
PA14_21470	hypothetical_unclassified	PGD1654279	NA	DrhIR DcbrA Dcrc vs WT	-1.44965	5.35E-09
PA14_21570	hypothetical_unclassified	PGD1654297	NA	DrhIR DcbrA Dcrc vs WT	2.222984	4.66E-04
PA14_21580	hypothetical_unclassified	PGD1654299	NA	DrhIR DcbrA Dcrc vs WT	1.954238	0.006508
PA14_21590	hypothetical_unclassified	PGD1654301	NA	DrhIR DcbrA Dcrc vs WT	3.196718	6.49E-06
PA14_21600	membrane_proteins	PGD1654303	NA	DrhIR DcbrA Dcrc vs WT	2.392588	0.0012
PA14_21620	transport_of_small_moleculε	PGD1654307	oprP	DrhIR DcbrA Dcrc vs WT	-1.02198	0.019156
PA14_21630	membrane_proteins	PGD1654309	NA	DrhIR DcbrA Dcrc vs WT	2.129148	3.22E-17
PA14_21640	biosynthesis_of_cofactors	PGD1654311	NA	DrhIR DcbrA Dcrc vs WT	1.205553	3.59E-07
PA14_21640	putative_enzymes	PGD1654311	NA	DrhIR DcbrA Dcrc vs WT	1.205553	3.59E-07
PA14_21850	transcriptional_regulators	PGD1654351	NA	DrhIR DcbrA Dcrc vs WT	1.198254	4.22E-07

PA14_22010	cell_division	PGD1654381	minE	DrhIR DcbrA Dcrc vs WT	-1.17068	5.64E-04
PA14_22220	hypothetical_unclassified	PGD1654415	NA	DrhIR DcbrA Dcrc vs WT	-1.34944	0.041431
PA14_22250	hypothetical_unclassified	PGD1654421	NA	DrhIR DcbrA Dcrc vs WT	-1.78634	0.035353
PA14_22320	membrane_proteins	PGD1654433	NA	DrhIR DcbrA Dcrc vs WT	-2.0965	4.87E-05
PA14_22330	transport_of_small_molecule	PGD1654435	NA	DrhIR DcbrA Dcrc vs WT	-1.30654	5.25E-07
PA14_22420	hypothetical_unclassified	PGD1654449	NA	DrhIR DcbrA Dcrc vs WT	-1.073	0.004632
PA14_22700	transport_of_small_molecule	PGD1654501	NA	DrhIR DcbrA Dcrc vs WT	1.031214	0.039103
PA14_22880	hypothetical_unclassified	PGD1654529	NA	DrhIR DcbrA Dcrc vs WT	1.742503	2.97E-05
PA14_22980	transport_of_small_molecule	PGD1654541	NA	DrhIR DcbrA Dcrc vs WT	1.166967	2.02E-11
PA14_22990	transport_of_small_molecule	PGD1654543	NA	DrhIR DcbrA Dcrc vs WT	2.317399	9.85E-33
PA14_23000	transport_of_small_molecule	PGD1654545	NA	DrhIR DcbrA Dcrc vs WT	2.040076	8.52E-15
PA14_23010	transport_of_small_molecule	PGD1654547	gltK	DrhIR DcbrA Dcrc vs WT	2.629428	7.19E-39
PA14_23030	transport_of_small_molecule	PGD1654549	oprB	DrhIR DcbrA Dcrc vs WT	2.425648	1.80E-49
PA14_23170	amino_acid_biosynthesis_mε	PGD1654571	NA	DrhIR DcbrA Dcrc vs WT	1.393177	0.026147
PA14_23680	chaperones_heat_shock	PGD1654661	ibpA	DrhIR DcbrA Dcrc vs WT	2.607165	4.61E-11
PA14_23980	protein_secretion_export	PGD1654705	xcpP	DrhIR DcbrA Dcrc vs WT	-1.11835	3.82E-05
PA14_24170	fatty_acid_and_phospholipid	PGD1654735	fadH1	DrhIR DcbrA Dcrc vs WT	1.014905	2.93E-04
PA14_24170	putative_enzymes	PGD1654735	fadH1	DrhIR DcbrA Dcrc vs WT	1.014905	2.93E-04
PA14_24180	hypothetical_unclassified	PGD1654737	NA	DrhIR DcbrA Dcrc vs WT	1.186059	3.96E-17
PA14_24290	amino_acid_biosynthesis_mε	PGD1654755	gbt	DrhIR DcbrA Dcrc vs WT	-1.08659	1.53E-06
PA14_24480	cell_wall_LPS	PGD1654787	pelA	DrhIR DcbrA Dcrc vs WT	-1.26568	2.28E-15
PA14_24490	cell_wall_LPS	PGD1654789	pelB	DrhIR DcbrA Dcrc vs WT	-1.31318	6.67E-13
PA14_24500	cell_wall_LPS	PGD1654791	pelC	DrhIR DcbrA Dcrc vs WT	-1.20117	0.002301
PA14_24500	fatty_acid_and_phospholipid	PGD1654791	pelC	DrhIR DcbrA Dcrc vs WT	-1.20117	0.002301
PA14_24510	cell_wall_LPS	PGD1654793	pelD	DrhIR DcbrA Dcrc vs WT	-1.41743	1.44E-05
PA14_24530	cell_wall_LPS	PGD1654795	pelE	DrhIR DcbrA Dcrc vs WT	-1.00001	0.033774
PA14_24560	cell_wall_LPS	PGD1654799	pelG	DrhIR DcbrA Dcrc vs WT	-1.76018	4.45E-11
PA14_24560	secreted_factors	PGD1654799	pelG	DrhIR DcbrA Dcrc vs WT	-1.76018	4.45E-11
PA14_24600	amino_acid_biosynthesis_mε	PGD1654807	NA	DrhIR DcbrA Dcrc vs WT	1.84667	2.53E-16
PA14_24630	hypothetical_unclassified	PGD1654813	NA	DrhIR DcbrA Dcrc vs WT	-1.0896	9.61E-07
PA14_24650	translation_posttranslational	PGD1654817	rmf	DrhIR DcbrA Dcrc vs WT	-1.2647	3.31E-07
PA14_24830	putative_enzymes	PGD1654847	NA	DrhIR DcbrA Dcrc vs WT	-1.07568	0.018571
PA14_24830	transport_of_small_molecule	PGD1654847	NA	DrhIR DcbrA Dcrc vs WT	-1.07568	0.018571
PA14_24860	energy_metabolism_CAP	PGD1654853	snr1	DrhIR DcbrA Dcrc vs WT	-1.17822	8.23E-09
PA14_24940	energy_metabolism_CAP	PGD1654867	NA	DrhIR DcbrA Dcrc vs WT	1.045712	8.00E-08
PA14_24950	carbon_compound_catabolis	PGD1654869	NA	DrhIR DcbrA Dcrc vs WT	1.086505	1.84E-04
PA14_24950	energy_metabolism_CAP	PGD1654869	NA	DrhIR DcbrA Dcrc vs WT	1.086505	1.84E-04
PA14_25080	amino_acid_biosynthesis_mε	PGD1654891	fadB	DrhIR DcbrA Dcrc vs WT	1.326172	9.99E-20
PA14_25080	fatty_acid_and_phospholipid	PGD1654891	fadB	DrhIR DcbrA Dcrc vs WT	1.326172	9.99E-20
PA14_25180	transcriptional_regulators	PGD1654907	psrA	DrhIR DcbrA Dcrc vs WT	1.038352	2.53E-07
PA14_25840	energy_metabolism_CAP	PGD1655015	NA	DrhIR DcbrA Dcrc vs WT	1.201014	6.19E-22
PA14_25980	amino_acid_biosynthesis_mε	PGD1655035	aroF	DrhIR DcbrA Dcrc vs WT	1.12935	0.003684
PA14_26190	hypothetical_unclassified	PGD1655067	NA	DrhIR DcbrA Dcrc vs WT	-1.50954	4.41E-10
PA14_26300	hypothetical_unclassified	PGD1655085	NA	DrhIR DcbrA Dcrc vs WT	-1.46664	0.037292
PA14_26340	membrane_proteins	PGD1655091	NA	DrhIR DcbrA Dcrc vs WT	2.199785	0.002015
PA14_26700	fatty_acid_and_phospholipid	PGD1655145	NA	DrhIR DcbrA Dcrc vs WT	-1.15767	4.54E-05
PA14_26700	putative_enzymes	PGD1655145	NA	DrhIR DcbrA Dcrc vs WT	-1.15767	4.54E-05
PA14_26730	putative_enzymes	PGD1655149	NA	DrhIR DcbrA Dcrc vs WT	-1.06674	0.007947
PA14_26920	hypothetical_unclassified	PGD1655175	NA	DrhIR DcbrA Dcrc vs WT	1.258116	2.21E-07
PA14_27000	adaptation_and_protection	PGD1655189	NA	DrhIR DcbrA Dcrc vs WT	1.041819	2.73E-10



PA14_27000	chemotaxis	PGD1655189	NA	DrhIR DcbrA Dcrc vs WT	1.041819	2.73E-10
PA14_27090	protein_secretion_export	PGD1655197	lipH	DrhIR DcbrA Dcrc vs WT	-2.02333	0.012786
PA14_27090	secreted_factors	PGD1655197	lipH	DrhIR DcbrA Dcrc vs WT	-2.02333	0.012786
PA14_27360	fatty_acid_and_phospholipid	PGD1655241	NA	DrhIR DcbrA Dcrc vs WT	1.021445	3.66E-05
PA14_27360	putative_enzymes	PGD1655241	NA	DrhIR DcbrA Dcrc vs WT	1.021445	3.66E-05
PA14_27370	transcription_RNA_processin	PGD1655243	NA	DrhIR DcbrA Dcrc vs WT	1.075537	1.21E-04
PA14_27400	transcriptional_regulators	PGD1655247	NA	DrhIR DcbrA Dcrc vs WT	-1.10772	0.028315
PA14_27650	hypothetical_unclassified	PGD1655295	NA	DrhIR DcbrA Dcrc vs WT	-1.20241	7.54E-06
PA14_27660	hypothetical_unclassified	PGD1655297	NA	DrhIR DcbrA Dcrc vs WT	-1.06162	5.09E-07
PA14_27740	hypothetical_unclassified	PGD1655313	NA	DrhIR DcbrA Dcrc vs WT	1.467174	2.29E-08
PA14_27840	transport_of_small_molecule	PGD1655327	NA	DrhIR DcbrA Dcrc vs WT	-1.08432	0.003379
PA14_28100	hypothetical_unclassified	PGD1655375	NA	DrhIR DcbrA Dcrc vs WT	1.276689	0.003378
PA14_28110	hypothetical_unclassified	PGD1655377	NA	DrhIR DcbrA Dcrc vs WT	1.72596	0.001181
PA14_28250	secreted_factors	PGD1655403	NA	DrhIR DcbrA Dcrc vs WT	-4.64346	1.39E-47
PA14_28260	hypothetical_unclassified	PGD1655405	NA	DrhIR DcbrA Dcrc vs WT	-1.93911	3.76E-14
PA14_28290	DNA_replication_recombinat	PGD1655409	NA	DrhIR DcbrA Dcrc vs WT	-1.05625	0.006054
PA14_28360	hypothetical_unclassified	PGD1655423	NA	DrhIR DcbrA Dcrc vs WT	-4.53365	5.38E-31
PA14_28370	membrane_proteins	PGD1655425	NA	DrhIR DcbrA Dcrc vs WT	-2.34808	4.58E-08
PA14_28380	hypothetical_unclassified	PGD1655427	NA	DrhIR DcbrA Dcrc vs WT	-1.3759	3.41E-06
PA14_28390	membrane_proteins	PGD1655429	NA	DrhIR DcbrA Dcrc vs WT	2.132763	8.60E-08
PA14_28410	hypothetical_unclassified	PGD1655433	NA	DrhIR DcbrA Dcrc vs WT	-2.93842	6.04E-08
PA14_28430	membrane_proteins	PGD1655437	NA	DrhIR DcbrA Dcrc vs WT	-1.44217	1.15E-05
PA14_28500	hypothetical_unclassified	PGD1655449	NA	DrhIR DcbrA Dcrc vs WT	2.022709	1.49E-11
PA14_28620	membrane_proteins	PGD1655471	NA	DrhIR DcbrA Dcrc vs WT	-1.03848	1.03E-07
PA14_28930	hypothetical_unclassified	PGD1655525	NA	DrhIR DcbrA Dcrc vs WT	1.068817	0.011212
PA14_28970	hypothetical_unclassified	PGD1655533	NA	DrhIR DcbrA Dcrc vs WT	1.418415	0.009216
PA14_28980	membrane_proteins	PGD1655535	NA	DrhIR DcbrA Dcrc vs WT	1.170323	0.008589
PA14_28980	transcriptional_regulators	PGD1655535	NA	DrhIR DcbrA Dcrc vs WT	1.170323	0.008589
PA14_29420	putative_enzymes	PGD1655612	NA	DrhIR DcbrA Dcrc vs WT	-1.51	5.43E-12
PA14_29510	protein_secretion_export	PGD1655626	NA	DrhIR DcbrA Dcrc vs WT	-1.16705	0.036196
PA14_29620	transcriptional_regulators	PGD1655646	NA	DrhIR DcbrA Dcrc vs WT	2.094377	4.37E-15
PA14_29640	energy_metabolism_CAP	PGD1655648	fhp	DrhIR DcbrA Dcrc vs WT	2.52188	2.75E-08
PA14_29650	hypothetical_unclassified	PGD1655650	NA	DrhIR DcbrA Dcrc vs WT	2.680904	6.97E-08
PA14_29660	membrane_proteins	PGD1655652	NA	DrhIR DcbrA Dcrc vs WT	2.098898	7.85E-06
PA14_29760	chemotaxis	PGD1655668	NA	DrhIR DcbrA Dcrc vs WT	1.797618	9.08E-36
PA14_30100	hypothetical_unclassified	PGD1655716	NA	DrhIR DcbrA Dcrc vs WT	1.127385	3.84E-11
PA14_30400	energy_metabolism_CAP	PGD1655766	NA	DrhIR DcbrA Dcrc vs WT	1.010446	8.88E-05
PA14_30500	putative_enzymes	PGD1655784	NA	DrhIR DcbrA Dcrc vs WT	1.03851	0.022366
PA14_30560	translation_posttranslational	PGD1655792	NA	DrhIR DcbrA Dcrc vs WT	-1.79973	7.95E-13
PA14_30570	transport_of_small_molecule	PGD1655794	NA	DrhIR DcbrA Dcrc vs WT	-1.3276	5.94E-13
PA14_30620	transcriptional_regulators	PGD1655802	NA	DrhIR DcbrA Dcrc vs WT	-2.16655	1.12E-41
PA14_30630	biosynthesis_of_cofactors	PGD1655804	pqsH	DrhIR DcbrA Dcrc vs WT	-1.09538	6.18E-08
PA14_30860	relative_phage_transposon	PGD1655846	NA	DrhIR DcbrA Dcrc vs WT	-2.09368	0.032067
PA14_31270	hypothetical_unclassified	PGD1655918	NA	DrhIR DcbrA Dcrc vs WT	-1.70007	1.26E-12
PA14_31280	relative_phage_transposon	PGD1655920	NA	DrhIR DcbrA Dcrc vs WT	-1.93719	3.22E-15
PA14_31290	adaptation_and_protection	PGD1655922	pa1L	DrhIR DcbrA Dcrc vs WT	-6.98567	2.75E-45
PA14_31290	cell_wall_LPS	PGD1655922	pa1L	DrhIR DcbrA Dcrc vs WT	-6.98567	2.75E-45
PA14_31290	motility_and_attachment	PGD1655922	pa1L	DrhIR DcbrA Dcrc vs WT	-6.98567	2.75E-45
PA14_31300	hypothetical_unclassified	PGD1655924	NA	DrhIR DcbrA Dcrc vs WT	-1.83437	2.60E-13
PA14_31340	hypothetical_unclassified	PGD1655930	NA	DrhIR DcbrA Dcrc vs WT	-1.35185	0.002055

PA14_31350	energy_metabolism_CAP	PGD1655932	NA	DrhIR DcbrA Dcrc vs WT	-1.32546	2.27E-13
PA14_31360	hypothetical_unclassified	PGD1655934	NA	DrhIR DcbrA Dcrc vs WT	-2.24158	5.09E-30
PA14_31370	putative_enzymes	PGD1655936	NA	DrhIR DcbrA Dcrc vs WT	-2.27905	1.82E-43
PA14_31420	hypothetical_unclassified	PGD1655944	NA	DrhIR DcbrA Dcrc vs WT	-1.33823	2.09E-07
PA14_31450	hypothetical_unclassified	PGD1655950	NA	DrhIR DcbrA Dcrc vs WT	-1.96695	4.06E-16
PA14_31470	fatty_acid_and_phospholipid	PGD1655954	NA	DrhIR DcbrA Dcrc vs WT	1.294519	4.89E-21
PA14_31480	transcriptional_regulators	PGD1655956	NA	DrhIR DcbrA Dcrc vs WT	1.166902	8.19E-12
PA14_31500	fatty_acid_and_phospholipid	PGD1655958	NA	DrhIR DcbrA Dcrc vs WT	1.549362	2.69E-27
PA14_31500	putative_enzymes	PGD1655958	NA	DrhIR DcbrA Dcrc vs WT	1.549362	2.69E-27
PA14_31510	biosynthesis_of_cofactors	PGD1655960	NA	DrhIR DcbrA Dcrc vs WT	2.267315	1.06E-21
PA14_31530	fatty_acid_and_phospholipid	PGD1655962	NA	DrhIR DcbrA Dcrc vs WT	2.211393	3.62E-19
PA14_31530	putative_enzymes	PGD1655962	NA	DrhIR DcbrA Dcrc vs WT	2.211393	3.62E-19
PA14_31540	energy_metabolism_CAP	PGD1655964	NA	DrhIR DcbrA Dcrc vs WT	2.007479	8.46E-22
PA14_31730	putative_enzymes	PGD1655990	NA	DrhIR DcbrA Dcrc vs WT	1.100338	2.23E-05
PA14_31820	amino_acid_biosynthesis_mε	PGD1656006	NA	DrhIR DcbrA Dcrc vs WT	1.812142	3.46E-06
PA14_32060	transcriptional_regulators	PGD1656032	xyIS	DrhIR DcbrA Dcrc vs WT	-1.98047	8.35E-09
PA14_32140	energy_metabolism_CAP	PGD1656042	antC	DrhIR DcbrA Dcrc vs WT	-6.38596	3.78E-10
PA14_32150	biosynthesis_of_cofactors	PGD1656044	antB	DrhIR DcbrA Dcrc vs WT	-3.60121	4.34E-05
PA14_32160	carbon_compound_catabolis	PGD1656046	antA	DrhIR DcbrA Dcrc vs WT	-3.53502	1.36E-20
PA14_32190	transcriptional_regulators	PGD1656048	NA	DrhIR DcbrA Dcrc vs WT	-3.25077	2.74E-33
PA14_32220	carbon_compound_catabolis	PGD1656052	catB	DrhIR DcbrA Dcrc vs WT	-4.25375	5.02E-11
PA14_32230	carbon_compound_catabolis	PGD1656054	catC	DrhIR DcbrA Dcrc vs WT	-4.72164	8.17E-13
PA14_32240	carbon_compound_catabolis	PGD1656056	catA	DrhIR DcbrA Dcrc vs WT	-2.58439	2.42E-12
PA14_32250	hypothetical_unclassified	PGD1656058	NA	DrhIR DcbrA Dcrc vs WT	-1.4329	0.015355
PA14_32380	antibiotic_resistance_and_su	PGD1656080	oprN	DrhIR DcbrA Dcrc vs WT	1.105232	0.025102
PA14_32380	membrane_proteins	PGD1656080	oprN	DrhIR DcbrA Dcrc vs WT	1.105232	0.025102
PA14_32380	transport_of_small_moleculε	PGD1656080	oprN	DrhIR DcbrA Dcrc vs WT	1.105232	0.025102
PA14_32580	two_component_regulators	PGD1656112	NA	DrhIR DcbrA Dcrc vs WT	1.269725	1.31E-06
PA14_32720	membrane_proteins	PGD1656136	NA	DrhIR DcbrA Dcrc vs WT	1.317118	0.001346
PA14_32750	hypothetical_unclassified	PGD1656140	NA	DrhIR DcbrA Dcrc vs WT	-1.30413	0.027538
PA14_32860	hypothetical_unclassified	PGD1656158	NA	DrhIR DcbrA Dcrc vs WT	1.425631	3.07E-07
PA14_33000	amino_acid_biosynthesis_mε	PGD1656176	gcvP2	DrhIR DcbrA Dcrc vs WT	1.253164	4.26E-07
PA14_33010	amino_acid_biosynthesis_mε	PGD1656178	glyA2	DrhIR DcbrA Dcrc vs WT	1.347819	2.44E-08
PA14_33050	hypothetical_unclassified	PGD1656184	NA	DrhIR DcbrA Dcrc vs WT	-1.24297	3.46E-07
PA14_33060	hypothetical_unclassified	PGD1656186	NA	DrhIR DcbrA Dcrc vs WT	-1.08255	0.002957
PA14_33120	hypothetical_unclassified	PGD1656194	NA	DrhIR DcbrA Dcrc vs WT	1.219451	2.55E-09
PA14_33270	adaptation_and_protection	PGD1656218	pvdG	DrhIR DcbrA Dcrc vs WT	1.104867	5.17E-05
PA14_33280	adaptation_and_protection	PGD1656220	pvdL	DrhIR DcbrA Dcrc vs WT	1.442491	8.19E-07
PA14_33420	putative_enzymes	PGD1656244	NA	DrhIR DcbrA Dcrc vs WT	-1.79395	0.002375
PA14_33460	membrane_proteins	PGD1656252	NA	DrhIR DcbrA Dcrc vs WT	1.013773	1.45E-04
PA14_33500	adaptation_and_protection	PGD1656256	pvdH	DrhIR DcbrA Dcrc vs WT	2.118551	8.48E-11
PA14_33500	transport_of_small_moleculε	PGD1656256	pvdH	DrhIR DcbrA Dcrc vs WT	2.118551	8.48E-11
PA14_33520	adaptation_and_protection	PGD1656260	NA	DrhIR DcbrA Dcrc vs WT	1.025536	5.90E-04
PA14_33520	biosynthesis_of_cofactors	PGD1656260	NA	DrhIR DcbrA Dcrc vs WT	1.025536	5.90E-04
PA14_33520	putative_enzymes	PGD1656260	NA	DrhIR DcbrA Dcrc vs WT	1.025536	5.90E-04
PA14_33680	transport_of_small_moleculε	PGD1656284	fpvA	DrhIR DcbrA Dcrc vs WT	1.398907	1.47E-06
PA14_33690	adaptation_and_protection	PGD1656286	pvdE	DrhIR DcbrA Dcrc vs WT	1.26899	8.90E-05
PA14_33690	membrane_proteins	PGD1656286	pvdE	DrhIR DcbrA Dcrc vs WT	1.26899	8.90E-05
PA14_33690	transport_of_small_moleculε	PGD1656286	pvdE	DrhIR DcbrA Dcrc vs WT	1.26899	8.90E-05
PA14_33710	adaptation_and_protection	PGD1656290	pvdO	DrhIR DcbrA Dcrc vs WT	1.336148	1.87E-04

PA14_33720	adaptation_and_protection	PGD1656292	pvdN	DrhIR DcbrA Dcrc vs WT	1.19384	5.72E-04
PA14_33720	transport_of_small_molecul	PGD1656292	pvdN	DrhIR DcbrA Dcrc vs WT	1.19384	5.72E-04
PA14_33730	central_intermediary_metab	PGD1656294	NA	DrhIR DcbrA Dcrc vs WT	1.374175	6.64E-05
PA14_33740	adaptation_and_protection	PGD1656296	pvdP	DrhIR DcbrA Dcrc vs WT	1.437415	8.81E-06
PA14_33750	transport_of_small_molecul	PGD1656298	NA	DrhIR DcbrA Dcrc vs WT	1.969636	6.67E-13
PA14_33760	membrane_proteins	PGD1656300	NA	DrhIR DcbrA Dcrc vs WT	1.649465	1.45E-10
PA14_33760	transport_of_small_molecul	PGD1656300	NA	DrhIR DcbrA Dcrc vs WT	1.649465	1.45E-10
PA14_33770	protein_secretion_export	PGD1656302	NA	DrhIR DcbrA Dcrc vs WT	1.223006	1.00E-05
PA14_33810	biosynthesis_of_cofactors	PGD1656308	pvdA	DrhIR DcbrA Dcrc vs WT	1.464103	3.52E-06
PA14_33820	adaptation_and_protection	PGD1656310	pvdQ	DrhIR DcbrA Dcrc vs WT	1.578037	4.50E-07
PA14_33820	antibiotic_resistance_and_su	PGD1656310	pvdQ	DrhIR DcbrA Dcrc vs WT	1.578037	4.50E-07
PA14_33910	transport_of_small_molecul	PGD1656326	NA	DrhIR DcbrA Dcrc vs WT	3.126016	9.36E-20
PA14_34340	carbon_compound_catabolis	PGD1656394	mtIZ	DrhIR DcbrA Dcrc vs WT	1.806715	0.00135
PA14_34350	carbon_compound_catabolis	PGD1656396	mtIY	DrhIR DcbrA Dcrc vs WT	2.316109	3.85E-05
PA14_34360	carbon_compound_catabolis	PGD1656398	mtID	DrhIR DcbrA Dcrc vs WT	2.254874	1.07E-07
PA14_34370	transport_of_small_molecul	PGD1656400	NA	DrhIR DcbrA Dcrc vs WT	2.721723	1.56E-15
PA14_34420	transport_of_small_molecul	PGD1656406	NA	DrhIR DcbrA Dcrc vs WT	2.386497	2.74E-22
PA14_34600	carbon_compound_catabolis	PGD1656428	NA	DrhIR DcbrA Dcrc vs WT	1.138749	4.45E-06
PA14_34870	carbon_compound_catabolis	PGD1656474	chiC	DrhIR DcbrA Dcrc vs WT	-7.66387	1.36E-58
PA14_34880	transcriptional_regulators	PGD1656476	NA	DrhIR DcbrA Dcrc vs WT	-1.18813	0.001717
PA14_34900	energy_metabolism_CAP	PGD1656478	NA	DrhIR DcbrA Dcrc vs WT	-1.51705	7.00E-08
PA14_34900	putative_enzymes	PGD1656478	NA	DrhIR DcbrA Dcrc vs WT	-1.51705	7.00E-08
PA14_35160	hypothetical_unclassified	PGD1656520	NA	DrhIR DcbrA Dcrc vs WT	-2.35496	1.50E-13
PA14_35300	hypothetical_unclassified	PGD1656540	NA	DrhIR DcbrA Dcrc vs WT	1.120742	2.14E-05
PA14_35340	carbon_compound_catabolis	PGD1656546	NA	DrhIR DcbrA Dcrc vs WT	1.293424	5.42E-04
PA14_35360	carbon_compound_catabolis	PGD1656548	NA	DrhIR DcbrA Dcrc vs WT	2.031267	6.18E-06
PA14_35440	amino_acid_biosynthesis_mε	PGD1656562	ansA	DrhIR DcbrA Dcrc vs WT	1.086669	0.022346
PA14_35490	amino_acid_biosynthesis_mε	PGD1656568	lpdV	DrhIR DcbrA Dcrc vs WT	2.446811	9.01E-55
PA14_35490	energy_metabolism_CAP	PGD1656568	lpdV	DrhIR DcbrA Dcrc vs WT	2.446811	9.01E-55
PA14_35500	amino_acid_biosynthesis_mε	PGD1656570	bkdB	DrhIR DcbrA Dcrc vs WT	3.369532	5.09E-140
PA14_35520	amino_acid_biosynthesis_mε	PGD1656572	bkdA2	DrhIR DcbrA Dcrc vs WT	3.0717	1.11E-87
PA14_35530	amino_acid_biosynthesis_mε	PGD1656574	bkdA1	DrhIR DcbrA Dcrc vs WT	2.68231	2.01E-64
PA14_35900	putative_enzymes	PGD1656638	NA	DrhIR DcbrA Dcrc vs WT	-1.15311	0.026243
PA14_36100	biosynthesis_of_cofactors	PGD1656672	pdxA	DrhIR DcbrA Dcrc vs WT	2.07906	8.46E-07
PA14_36310	central_intermediary_metab	PGD1656706	hcnC	DrhIR DcbrA Dcrc vs WT	-1.10293	1.05E-07
PA14_36320	central_intermediary_metab	PGD1656708	hcnB	DrhIR DcbrA Dcrc vs WT	-1.21961	9.18E-07
PA14_36330	central_intermediary_metab	PGD1656710	hcnA	DrhIR DcbrA Dcrc vs WT	-1.55893	3.12E-13
PA14_36360	membrane_proteins	PGD1656716	NA	DrhIR DcbrA Dcrc vs WT	-1.2704	3.68E-04
PA14_36605	putative_enzymes	PGD1656758	NA	DrhIR DcbrA Dcrc vs WT	1.183136	0.002924
PA14_36710	energy_metabolism_CAP	PGD1656776	glgB	DrhIR DcbrA Dcrc vs WT	1.28063	0.008189
PA14_36940	membrane_proteins	PGD1656816	NA	DrhIR DcbrA Dcrc vs WT	-1.04235	3.99E-04
PA14_37040	chaperones_heat_shock	PGD1656830	cupA2	DrhIR DcbrA Dcrc vs WT	2.356614	0.021857
PA14_37060	motility_and_attachment	PGD1656832	cupA1	DrhIR DcbrA Dcrc vs WT	2.338	2.85E-06
PA14_37070	central_intermediary_metab	PGD1656834	NA	DrhIR DcbrA Dcrc vs WT	2.610901	1.19E-27
PA14_37070	transcriptional_regulators	PGD1656834	NA	DrhIR DcbrA Dcrc vs WT	2.610901	1.19E-27
PA14_37080	transcriptional_regulators	PGD1656836	NA	DrhIR DcbrA Dcrc vs WT	1.952283	6.06E-15
PA14_37190	DNA_replication_recombinat	PGD1656852	ada	DrhIR DcbrA Dcrc vs WT	1.408693	1.09E-10
PA14_37190	transcriptional_regulators	PGD1656852	ada	DrhIR DcbrA Dcrc vs WT	1.408693	1.09E-10
PA14_37210	hypothetical_unclassified	PGD1656856	NA	DrhIR DcbrA Dcrc vs WT	2.202535	5.20E-20
PA14_37250	transport_of_small_molecul	PGD1656860	NA	DrhIR DcbrA Dcrc vs WT	2.304805	1.30E-27

PA14_37260	transport_of_small_molecule	PGD1656862	NA	DrhIR DcbrA Dcrc vs WT	2.735775	3.05E-38
PA14_37270	putative_enzymes	PGD1656864	NA	DrhIR DcbrA Dcrc vs WT	4.369126	5.22E-57
PA14_37290	transport_of_small_molecule	PGD1656866	NA	DrhIR DcbrA Dcrc vs WT	3.353382	1.44E-33
PA14_37310	transport_of_small_molecule	PGD1656868	NA	DrhIR DcbrA Dcrc vs WT	3.449624	3.11E-49
PA14_37320	membrane_proteins	PGD1656870	NA	DrhIR DcbrA Dcrc vs WT	2.057108	4.61E-14
PA14_37360	central_intermediary_metab	PGD1656876	NA	DrhIR DcbrA Dcrc vs WT	-2.24114	9.94E-13
PA14_37380	transport_of_small_molecule	PGD1656880	NA	DrhIR DcbrA Dcrc vs WT	-2.01147	1.05E-17
PA14_37420	transport_of_small_molecule	PGD1656886	NA	DrhIR DcbrA Dcrc vs WT	1.821262	1.61E-04
PA14_37460	transport_of_small_molecule	PGD1656892	NA	DrhIR DcbrA Dcrc vs WT	1.262158	0.00452
PA14_37470	energy_metabolism_CAP	PGD1656894	NA	DrhIR DcbrA Dcrc vs WT	1.802562	4.18E-04
PA14_37520	hypothetical_unclassified	PGD1656900	NA	DrhIR DcbrA Dcrc vs WT	2.495393	0.004064
PA14_37530	putative_enzymes	PGD1656902	NA	DrhIR DcbrA Dcrc vs WT	1.384902	0.004636
PA14_37560	amino_acid_biosynthesis_mε	PGD1656906	NA	DrhIR DcbrA Dcrc vs WT	1.466043	6.82E-04
PA14_37730	transport_of_small_molecule	PGD1656932	NA	DrhIR DcbrA Dcrc vs WT	-1.74245	6.29E-15
PA14_37745	putative_enzymes	PGD1656934	NA	DrhIR DcbrA Dcrc vs WT	-6.57202	1.09E-27
PA14_37760	membrane_proteins	PGD1656936	NA	DrhIR DcbrA Dcrc vs WT	-4.79687	1.26E-67
PA14_37760	transport_of_small_molecule	PGD1656936	NA	DrhIR DcbrA Dcrc vs WT	-4.79687	1.26E-67
PA14_37770	carbon_compound_catabolis	PGD1656938	NA	DrhIR DcbrA Dcrc vs WT	-2.47156	3.64E-16
PA14_37780	hypothetical_unclassified	PGD1656940	NA	DrhIR DcbrA Dcrc vs WT	-3.97997	2.46E-37
PA14_37790	adaptation_and_protection	PGD1656942	pcoA	DrhIR DcbrA Dcrc vs WT	-1.99852	6.10E-19
PA14_37810	adaptation_and_protection	PGD1656944	pcoB	DrhIR DcbrA Dcrc vs WT	-1.78599	1.19E-04
PA14_38210	central_intermediary_metab	PGD1657006	NA	DrhIR DcbrA Dcrc vs WT	2.273475	1.76E-07
PA14_38220	transport_of_small_molecule	PGD1657008	NA	DrhIR DcbrA Dcrc vs WT	1.834753	3.31E-07
PA14_38260	hypothetical_unclassified	PGD1657012	NA	DrhIR DcbrA Dcrc vs WT	-2.85298	3.17E-21
PA14_38270	hypothetical_unclassified	PGD1657014	NA	DrhIR DcbrA Dcrc vs WT	-3.60036	2.58E-29
PA14_38340	antibiotic_resistance_and_su	PGD1657026	NA	DrhIR DcbrA Dcrc vs WT	1.108146	2.25E-05
PA14_38395	antibiotic_resistance_and_su	PGD1657036	NA	DrhIR DcbrA Dcrc vs WT	1.411077	3.12E-04
PA14_38430	transcriptional_regulators	PGD1657042	gnyR	DrhIR DcbrA Dcrc vs WT	1.079198	5.39E-07
PA14_38440	carbon_compound_catabolis	PGD1657044	gnyD	DrhIR DcbrA Dcrc vs WT	2.054681	4.44E-75
PA14_38440	fatty_acid_and_phospholipid	PGD1657044	gnyD	DrhIR DcbrA Dcrc vs WT	2.054681	4.44E-75
PA14_38460	carbon_compound_catabolis	PGD1657046	gnyB	DrhIR DcbrA Dcrc vs WT	2.348491	2.93E-54
PA14_38470	carbon_compound_catabolis	PGD1657048	gnyH	DrhIR DcbrA Dcrc vs WT	2.208036	4.94E-36
PA14_38480	carbon_compound_catabolis	PGD1657050	gnyA	DrhIR DcbrA Dcrc vs WT	2.578491	5.11E-58
PA14_38490	carbon_compound_catabolis	PGD1657052	gnyL	DrhIR DcbrA Dcrc vs WT	1.862175	1.80E-49
PA14_38580	membrane_proteins	PGD1657066	NA	DrhIR DcbrA Dcrc vs WT	2.216999	5.19E-20
PA14_38580	transport_of_small_molecule	PGD1657066	NA	DrhIR DcbrA Dcrc vs WT	2.216999	5.19E-20
PA14_38590	carbon_compound_catabolis	PGD1657068	bdhA	DrhIR DcbrA Dcrc vs WT	1.14371	1.45E-08
PA14_38630	fatty_acid_and_phospholipid	PGD1657072	atoB	DrhIR DcbrA Dcrc vs WT	1.122469	4.80E-06
PA14_38690	fatty_acid_and_phospholipid	PGD1657080	NA	DrhIR DcbrA Dcrc vs WT	1.010724	4.21E-07
PA14_38690	putative_enzymes	PGD1657080	NA	DrhIR DcbrA Dcrc vs WT	1.010724	4.21E-07
PA14_38730	transport_of_small_molecule	PGD1657088	NA	DrhIR DcbrA Dcrc vs WT	1.455071	1.68E-06
PA14_38740	two_component_regulators	PGD1657090	NA	DrhIR DcbrA Dcrc vs WT	1.0659	7.60E-08
PA14_38880	hypothetical_unclassified	PGD1657112	NA	DrhIR DcbrA Dcrc vs WT	2.841619	0.014671
PA14_38930	transcriptional_regulators	PGD1657120	NA	DrhIR DcbrA Dcrc vs WT	1.262103	0.001006
PA14_38950	membrane_proteins	PGD1657122	NA	DrhIR DcbrA Dcrc vs WT	1.339026	0.002385
PA14_38970	two_component_regulators	PGD1657124	NA	DrhIR DcbrA Dcrc vs WT	1.033361	0.002493
PA14_39180	membrane_proteins	PGD1657156	NA	DrhIR DcbrA Dcrc vs WT	1.073165	1.48E-04
PA14_39240	hypothetical_unclassified	PGD1657168	fapC	DrhIR DcbrA Dcrc vs WT	-2.13366	0.002137
PA14_39280	carbon_compound_catabolis	PGD1657176	rbsK	DrhIR DcbrA Dcrc vs WT	1.08291	8.56E-07
PA14_39300	carbon_compound_catabolis	PGD1657178	rbsR	DrhIR DcbrA Dcrc vs WT	1.030393	2.91E-06

PA14_39330	transport_of_small_molecule	PGD1657182	rhsA	DrhIR DcbrA Dcrc vs WT	1.722698	8.37E-12
PA14_39360	transcriptional_regulators	PGD1657186	NA	DrhIR DcbrA Dcrc vs WT	-1.09398	2.11E-05
PA14_39460	hypothetical_unclassified	PGD1657196	NA	DrhIR DcbrA Dcrc vs WT	-2.93857	5.36E-21
PA14_39470	hypothetical_unclassified	PGD1657198	NA	DrhIR DcbrA Dcrc vs WT	-1.58259	2.28E-06
PA14_39500	hypothetical_unclassified	PGD1657202	NA	DrhIR DcbrA Dcrc vs WT	3.34141	8.31E-29
PA14_39540	energy_metabolism_CAP	PGD1657208	NA	DrhIR DcbrA Dcrc vs WT	-1.09675	1.08E-09
PA14_39590	amino_acid_biosynthesis_mε	PGD1657216	metE	DrhIR DcbrA Dcrc vs WT	-2.24045	3.11E-07
PA14_39660	hypothetical_unclassified	PGD1657228	NA	DrhIR DcbrA Dcrc vs WT	1.00247	0.017831
PA14_39690	nucleotide_biosynthesis_and	PGD1657232	NA	DrhIR DcbrA Dcrc vs WT	1.275873	1.82E-06
PA14_39710	nucleotide_biosynthesis_and	PGD1657236	NA	DrhIR DcbrA Dcrc vs WT	1.009389	0.029971
PA14_39710	translation_posttranslational	PGD1657236	NA	DrhIR DcbrA Dcrc vs WT	1.009389	0.029971
PA14_39780	transport_of_small_molecule	PGD1657246	NA	DrhIR DcbrA Dcrc vs WT	-1.73341	5.95E-11
PA14_39800	transcriptional_regulators	PGD1657250	NA	DrhIR DcbrA Dcrc vs WT	1.450631	0.001341
PA14_39810	membrane_proteins	PGD1657252	NA	DrhIR DcbrA Dcrc vs WT	2.05603	1.30E-04
PA14_39880	secreted_factors	PGD1657264	phzG2	DrhIR DcbrA Dcrc vs WT	-6.09041	3.81E-22
PA14_39945	secreted_factors	PGD1657272	phzC2	DrhIR DcbrA Dcrc vs WT	-5.53388	1.40E-19
PA14_39960	secreted_factors	PGD1657274	phzB2	DrhIR DcbrA Dcrc vs WT	-7.5631	8.76E-33
PA14_39970	secreted_factors	PGD1657276	phzA2	DrhIR DcbrA Dcrc vs WT	-8.24963	1.71E-24
PA14_40010	hypothetical_unclassified	PGD1657282	NA	DrhIR DcbrA Dcrc vs WT	-1.01629	2.01E-06
PA14_40020	hypothetical_unclassified	PGD1657284	NA	DrhIR DcbrA Dcrc vs WT	-1.10739	2.99E-07
PA14_40230	protein_secretion_export	PGD1657320	NA	DrhIR DcbrA Dcrc vs WT	-1.23079	2.91E-08
PA14_40250	membrane_proteins	PGD1657324	NA	DrhIR DcbrA Dcrc vs WT	-1.02399	5.03E-07
PA14_40270	membrane_proteins	PGD1657328	NA	DrhIR DcbrA Dcrc vs WT	-2.91976	1.66E-10
PA14_40270	transport_of_small_molecule	PGD1657328	NA	DrhIR DcbrA Dcrc vs WT	-2.91976	1.66E-10
PA14_40290	secreted_factors	PGD1657332	lasA	DrhIR DcbrA Dcrc vs WT	-2.11535	1.19E-27
PA14_40290	translation_posttranslational	PGD1657332	lasA	DrhIR DcbrA Dcrc vs WT	-2.11535	1.19E-27
PA14_40300	hypothetical_unclassified	PGD1657334	NA	DrhIR DcbrA Dcrc vs WT	-1.36095	7.81E-11
PA14_40310	fatty_acid_and_phospholipid	PGD1657336	NA	DrhIR DcbrA Dcrc vs WT	-5.08121	2.80E-36
PA14_40330	protein_secretion_export	PGD1657340	NA	DrhIR DcbrA Dcrc vs WT	2.42845	6.14E-04
PA14_40380	transcriptional_regulators	PGD1657348	NA	DrhIR DcbrA Dcrc vs WT	1.194673	0.021557
PA14_40430	putative_enzymes	PGD1657356	NA	DrhIR DcbrA Dcrc vs WT	1.044256	2.16E-09
PA14_40430	transport_of_small_molecule	PGD1657356	NA	DrhIR DcbrA Dcrc vs WT	1.044256	2.16E-09
PA14_41440	adaptation_and_protection	PGD1657516	NA	DrhIR DcbrA Dcrc vs WT	1.299803	2.40E-12
PA14_41520	adaptation_and_protection	PGD1657530	NA	DrhIR DcbrA Dcrc vs WT	-1.27306	0.012613
PA14_42050	putative_enzymes	PGD1657616	NA	DrhIR DcbrA Dcrc vs WT	-1.0772	0.046134
PA14_42080	fatty_acid_and_phospholipid	PGD1657620	NA	DrhIR DcbrA Dcrc vs WT	3.723237	8.88E-49
PA14_42080	putative_enzymes	PGD1657620	NA	DrhIR DcbrA Dcrc vs WT	3.723237	8.88E-49
PA14_42090	fatty_acid_and_phospholipid	PGD1657622	NA	DrhIR DcbrA Dcrc vs WT	3.678141	9.90E-35
PA14_42390	transcriptional_regulators	PGD1657668	exsA	DrhIR DcbrA Dcrc vs WT	1.577469	3.02E-08
PA14_42450	protein_secretion_export	PGD1657678	popB	DrhIR DcbrA Dcrc vs WT	1.134526	0.019057
PA14_42460	protein_secretion_export	PGD1657680	pcrH	DrhIR DcbrA Dcrc vs WT	2.156146	0.034691
PA14_42460	secreted_factors	PGD1657680	pcrH	DrhIR DcbrA Dcrc vs WT	2.156146	0.034691
PA14_42480	protein_secretion_export	PGD1657684	pcrG	DrhIR DcbrA Dcrc vs WT	3.817757	0.023509
PA14_42780	hypothetical_unclassified	PGD1657738	NA	DrhIR DcbrA Dcrc vs WT	1.223789	6.34E-15
PA14_42860	transport_of_small_molecule	PGD1657750	NA	DrhIR DcbrA Dcrc vs WT	1.638303	5.25E-10
PA14_42880	protein_secretion_export	PGD1657754	stk1	DrhIR DcbrA Dcrc vs WT	-1.27622	2.54E-09
PA14_42880	translation_posttranslational	PGD1657754	stk1	DrhIR DcbrA Dcrc vs WT	-1.27622	2.54E-09
PA14_42890	protein_secretion_export	PGD1657756	stp1	DrhIR DcbrA Dcrc vs WT	-1.09707	5.31E-05
PA14_42890	translation_posttranslational	PGD1657756	stp1	DrhIR DcbrA Dcrc vs WT	-1.09707	5.31E-05
PA14_42900	hypothetical_unclassified	PGD1657758	icmF2	DrhIR DcbrA Dcrc vs WT	-1.26103	1.86E-15

PA14_42960	protein_secretion_export	PGD1657768	lip2.2	DrhIR DcbrA Dcrc vs WT	-1.85394	2.44E-08
PA14_42970	transcriptional_regulators	PGD1657770	sfa2	DrhIR DcbrA Dcrc vs WT	-1.50275	1.55E-17
PA14_42980	chaperones_heat_shock	PGD1657772	clpV2	DrhIR DcbrA Dcrc vs WT	-1.17335	1.03E-12
PA14_42990	hypothetical_unclassified	PGD1657774	hsiH2	DrhIR DcbrA Dcrc vs WT	-1.73122	4.74E-18
PA14_43000	protein_secretion_export	PGD1657776	hsiG2	DrhIR DcbrA Dcrc vs WT	-1.24169	7.79E-11
PA14_43020	protein_secretion_export	PGD1657778	hsiF2	DrhIR DcbrA Dcrc vs WT	-1.02589	1.17E-05
PA14_43030	protein_secretion_export	PGD1657780	hsiC2	DrhIR DcbrA Dcrc vs WT	-1.35924	1.92E-12
PA14_43040	protein_secretion_export	PGD1657782	hsiB2	DrhIR DcbrA Dcrc vs WT	-1.47762	5.40E-15
PA14_43050	hypothetical_unclassified	PGD1657784	hsiA2	DrhIR DcbrA Dcrc vs WT	-1.49606	1.90E-15
PA14_43070	secreted_factors	PGD1657786	hcp2	DrhIR DcbrA Dcrc vs WT	-1.32109	2.27E-05
PA14_43090	hypothetical_unclassified	PGD1657790	tap	DrhIR DcbrA Dcrc vs WT	-1.24018	0.00134
PA14_43170	transport_of_small_molecule	PGD1657804	NA	DrhIR DcbrA Dcrc vs WT	1.208305	4.56E-14
PA14_43200	transport_of_small_molecule	PGD1657810	NA	DrhIR DcbrA Dcrc vs WT	1.002889	1.75E-10
PA14_43540	putative_enzymes	PGD1657862	NA	DrhIR DcbrA Dcrc vs WT	1.26728	2.00E-06
PA14_43550	putative_enzymes	PGD1657864	NA	DrhIR DcbrA Dcrc vs WT	1.948661	8.96E-17
PA14_43710	chemotaxis	PGD1657890	NA	DrhIR DcbrA Dcrc vs WT	1.306098	3.27E-10
PA14_43760	hypothetical_unclassified	PGD1657898	NA	DrhIR DcbrA Dcrc vs WT	1.865342	3.57E-15
PA14_43850	chaperones_heat_shock	PGD1657914	htpG	DrhIR DcbrA Dcrc vs WT	1.316821	4.06E-16
PA14_44340	energy_metabolism_CAP	PGD1657994	NA	DrhIR DcbrA Dcrc vs WT	1.640589	2.20E-18
PA14_44350	central_intermediary_metab	PGD1657996	NA	DrhIR DcbrA Dcrc vs WT	2.18829	1.02E-18
PA14_44350	energy_metabolism_CAP	PGD1657996	NA	DrhIR DcbrA Dcrc vs WT	2.18829	1.02E-18
PA14_44360	energy_metabolism_CAP	PGD1657998	NA	DrhIR DcbrA Dcrc vs WT	1.60282	3.36E-15
PA14_44470	biosynthesis_of_cofactors	PGD1658018	hemN	DrhIR DcbrA Dcrc vs WT	1.415733	2.38E-12
PA14_44710	nucleotide_biosynthesis_and	PGD1658062	xdhA	DrhIR DcbrA Dcrc vs WT	1.169297	7.58E-08
PA14_44960	putative_enzymes	PGD1658098	NA	DrhIR DcbrA Dcrc vs WT	1.638191	8.00E-08
PA14_45000	central_intermediary_metab	PGD1658106	gcl	DrhIR DcbrA Dcrc vs WT	-1.26312	0.002974
PA14_45030	carbon_compound_catabolis	PGD1658112	NA	DrhIR DcbrA Dcrc vs WT	-2.20642	0.004083
PA14_45030	putative_enzymes	PGD1658112	NA	DrhIR DcbrA Dcrc vs WT	-2.20642	0.004083
PA14_45150	transcriptional_regulators	PGD1658130	NA	DrhIR DcbrA Dcrc vs WT	-1.25503	0.022906
PA14_45460	transcriptional_regulators	PGD1658174	NA	DrhIR DcbrA Dcrc vs WT	-1.20444	2.20E-05
PA14_45970	membrane_proteins	PGD1658250	NA	DrhIR DcbrA Dcrc vs WT	1.641888	8.95E-09
PA14_45970	transport_of_small_molecule	PGD1658250	NA	DrhIR DcbrA Dcrc vs WT	1.641888	8.95E-09
PA14_46080	hypothetical_unclassified	PGD1658266	NA	DrhIR DcbrA Dcrc vs WT	-1.26263	0.022912
PA14_46110	transport_of_small_molecule	PGD1658270	NA	DrhIR DcbrA Dcrc vs WT	1.014187	0.00477
PA14_46140	putative_enzymes	PGD1658274	NA	DrhIR DcbrA Dcrc vs WT	1.521718	0.024095
PA14_46670	hypothetical_unclassified	PGD1658370	NA	DrhIR DcbrA Dcrc vs WT	-1.23975	0.031453
PA14_46760	hypothetical_unclassified	PGD1658384	NA	DrhIR DcbrA Dcrc vs WT	1.110799	0.007259
PA14_47150	energy_metabolism_CAP	PGD1658452	cyoE	DrhIR DcbrA Dcrc vs WT	-1.10546	0.005439
PA14_47210	energy_metabolism_CAP	PGD1658460	cyoA	DrhIR DcbrA Dcrc vs WT	-1.6406	0.003051
PA14_47230	transport_of_small_molecule	PGD1658462	NA	DrhIR DcbrA Dcrc vs WT	1.194003	6.40E-05
PA14_47380	transport_of_small_molecule	PGD1658490	NA	DrhIR DcbrA Dcrc vs WT	1.119173	5.09E-04
PA14_47390	two_component_regulators	PGD1658492	NA	DrhIR DcbrA Dcrc vs WT	1.369011	2.27E-04
PA14_47400	transcriptional_regulators	PGD1658494	NA	DrhIR DcbrA Dcrc vs WT	1.114852	0.002908
PA14_47530	hypothetical_unclassified	PGD1658516	NA	DrhIR DcbrA Dcrc vs WT	1.623585	2.16E-09
PA14_47610	transcriptional_regulators	PGD1658528	NA	DrhIR DcbrA Dcrc vs WT	1.226067	4.18E-04
PA14_47670	biosynthesis_of_cofactors	PGD1658536	cobT	DrhIR DcbrA Dcrc vs WT	1.059402	0.001729
PA14_48115	protein_secretion_export	PGD1658602	aprD	DrhIR DcbrA Dcrc vs WT	1.037367	1.89E-04
PA14_48280	antibiotic_resistance_and_su	PGD1658622	NA	DrhIR DcbrA Dcrc vs WT	1.467792	0.049823
PA14_48460	transport_of_small_molecule	PGD1658650	NA	DrhIR DcbrA Dcrc vs WT	-1.0979	0.017156
PA14_48530	putative_enzymes	PGD1658662	NA	DrhIR DcbrA Dcrc vs WT	-2.84645	3.76E-07

PA14_48560	hypothetical_unclassified	PGD1658668	NA	DrhIR DcbrA Dcrc vs WT	-2.2913	0.01266
PA14_48570	amino_acid_biosynthesis_mε	PGD1658670	NA	DrhIR DcbrA Dcrc vs WT	-1.47407	0.00904
PA14_48590	hypothetical_unclassified	PGD1658672	NA	DrhIR DcbrA Dcrc vs WT	-1.61369	0.013835
PA14_48600	putative_enzymes	PGD1658674	NA	DrhIR DcbrA Dcrc vs WT	-1.5199	0.011621
PA14_48630	transport_of_small_moleculε	PGD1658680	NA	DrhIR DcbrA Dcrc vs WT	-1.15277	1.29E-04
PA14_49070	putative_enzymes	PGD1658760	NA	DrhIR DcbrA Dcrc vs WT	1.587755	4.15E-13
PA14_49080	putative_enzymes	PGD1658762	NA	DrhIR DcbrA Dcrc vs WT	2.356645	8.42E-13
PA14_49220	energy_metabolism_CAP	PGD1658784	napF	DrhIR DcbrA Dcrc vs WT	1.544081	8.17E-07
PA14_49300	putative_enzymes	PGD1658798	NA	DrhIR DcbrA Dcrc vs WT	-2.32246	2.29E-24
PA14_49310	hypothetical_unclassified	PGD1658800	NA	DrhIR DcbrA Dcrc vs WT	-2.3059	2.93E-24
PA14_49560	secreted_factors	PGD1658840	toxA	DrhIR DcbrA Dcrc vs WT	3.188366	2.21E-22
PA14_49570	membrane_proteins	PGD1658842	NA	DrhIR DcbrA Dcrc vs WT	2.418818	1.59E-10
PA14_49690	putative_enzymes	PGD1658862	NA	DrhIR DcbrA Dcrc vs WT	2.303892	4.43E-06
PA14_49720	hypothetical_unclassified	PGD1658868	NA	DrhIR DcbrA Dcrc vs WT	1.296385	0.002759
PA14_49750	antibiotic_resistance_and_su	PGD1658874	NA	DrhIR DcbrA Dcrc vs WT	-5.97794	4.07E-54
PA14_49750	membrane_proteins	PGD1658874	NA	DrhIR DcbrA Dcrc vs WT	-5.97794	4.07E-54
PA14_49750	transport_of_small_moleculε	PGD1658874	NA	DrhIR DcbrA Dcrc vs WT	-5.97794	4.07E-54
PA14_49760	adaptation_and_protection	PGD1658876	rhIC	DrhIR DcbrA Dcrc vs WT	-4.60498	1.02E-13
PA14_50070	hypothetical_unclassified	PGD1658930	NA	DrhIR DcbrA Dcrc vs WT	-1.35422	4.15E-06
PA14_50750	hypothetical_unclassified	PGD1659038	NA	DrhIR DcbrA Dcrc vs WT	1.951038	1.08E-17
PA14_50760	putative_enzymes	PGD1659040	NA	DrhIR DcbrA Dcrc vs WT	1.770637	2.82E-07
PA14_50770	transport_of_small_moleculε	PGD1659042	NA	DrhIR DcbrA Dcrc vs WT	1.344748	3.42E-07
PA14_50790	hypothetical_unclassified	PGD1659044	NA	DrhIR DcbrA Dcrc vs WT	2.004661	2.46E-18
PA14_50800	biosynthesis_of_cofactors	PGD1659046	pdxH	DrhIR DcbrA Dcrc vs WT	1.426671	5.76E-23
PA14_50930	hypothetical_unclassified	PGD1659072	NA	DrhIR DcbrA Dcrc vs WT	1.254729	7.82E-15
PA14_50980	antibiotic_resistance_and_su	PGD1659080	pac	DrhIR DcbrA Dcrc vs WT	-1.01665	2.45E-04
PA14_50980	carbon_compound_catabolis	PGD1659080	pac	DrhIR DcbrA Dcrc vs WT	-1.01665	2.45E-04
PA14_50980	putative_enzymes	PGD1659080	pac	DrhIR DcbrA Dcrc vs WT	-1.01665	2.45E-04
PA14_51350	adaptation_and_protection	PGD1659144	phnB	DrhIR DcbrA Dcrc vs WT	2.698062	1.87E-87
PA14_51350	amino_acid_biosynthesis_mε	PGD1659144	phnB	DrhIR DcbrA Dcrc vs WT	2.698062	1.87E-87
PA14_51360	adaptation_and_protection	PGD1659146	phnA	DrhIR DcbrA Dcrc vs WT	3.245843	4.51E-182
PA14_51380	biosynthesis_of_cofactors	PGD1659148	pqsE	DrhIR DcbrA Dcrc vs WT	2.981495	9.07E-75
PA14_51390	hypothetical_unclassified	PGD1659150	pqsD	DrhIR DcbrA Dcrc vs WT	3.418646	2.65E-221
PA14_51410	biosynthesis_of_cofactors	PGD1659152	pqsC	DrhIR DcbrA Dcrc vs WT	3.295787	9.14E-117
PA14_51420	biosynthesis_of_cofactors	PGD1659154	pqsB	DrhIR DcbrA Dcrc vs WT	3.337313	6.36E-170
PA14_51430	biosynthesis_of_cofactors	PGD1659156	pqsA	DrhIR DcbrA Dcrc vs WT	2.754592	3.00E-157
PA14_51890	hypothetical_unclassified	PGD1659242	NA	DrhIR DcbrA Dcrc vs WT	1.042688	2.66E-05
PA14_51940	hypothetical_unclassified	PGD1659252	NA	DrhIR DcbrA Dcrc vs WT	2.371901	5.61E-15
PA14_51950	hypothetical_unclassified	PGD1659254	NA	DrhIR DcbrA Dcrc vs WT	2.135698	2.22E-17
PA14_52070	transcriptional_regulators	PGD1659274	NA	DrhIR DcbrA Dcrc vs WT	1.025209	1.63E-05
PA14_52080	hypothetical_unclassified	PGD1659276	NA	DrhIR DcbrA Dcrc vs WT	1.300105	2.41E-04
PA14_52130	hypothetical_unclassified	PGD1659284	NA	DrhIR DcbrA Dcrc vs WT	-2.03366	9.55E-32
PA14_52480	hypothetical_unclassified	PGD1659340	NA	DrhIR DcbrA Dcrc vs WT	2.03733	1.39E-04
PA14_52490	hypothetical_unclassified	PGD1659342	NA	DrhIR DcbrA Dcrc vs WT	2.09236	0.00746
PA14_52500	hypothetical_unclassified	PGD1659344	NA	DrhIR DcbrA Dcrc vs WT	2.096306	0.012757
PA14_52880	putative_enzymes	PGD1659406	NA	DrhIR DcbrA Dcrc vs WT	3.454622	0.031129
PA14_53250	secreted_factors	PGD1659466	cpbD	DrhIR DcbrA Dcrc vs WT	-2.86673	4.39E-63
PA14_53290	nucleotide_biosynthesis_and	PGD1659472	trxB2	DrhIR DcbrA Dcrc vs WT	-1.30272	6.18E-07
PA14_53470	putative_enzymes	PGD1659500	NA	DrhIR DcbrA Dcrc vs WT	1.635539	3.60E-08
PA14_53480	carbon_compound_catabolis	PGD1659502	pta	DrhIR DcbrA Dcrc vs WT	1.106232	2.39E-07

PA14_53530	hypothetical_unclassified	PGD1659512	NA	DrhIR DcbrA Dcrc vs WT	3.479304	6.76E-35
PA14_53690	hypothetical_unclassified	PGD1659544	NA	DrhIR DcbrA Dcrc vs WT	2.194852	4.91E-07
PA14_53700	putative_enzymes	PGD1659546	NA	DrhIR DcbrA Dcrc vs WT	1.404417	0.003166
PA14_53820	antibiotic_resistance_and_su	PGD1659566	NA	DrhIR DcbrA Dcrc vs WT	1.075989	8.19E-04
PA14_53920	transcriptional_regulators	PGD1659586	NA	DrhIR DcbrA Dcrc vs WT	1.509247	1.14E-12
PA14_53940	carbon_compound_catabolis	PGD1659588	prpB	DrhIR DcbrA Dcrc vs WT	1.301924	1.60E-05
PA14_53940	central_intermediary_metab	PGD1659588	prpB	DrhIR DcbrA Dcrc vs WT	1.301924	1.60E-05
PA14_53940	fatty_acid_and_phospholipid	PGD1659588	prpB	DrhIR DcbrA Dcrc vs WT	1.301924	1.60E-05
PA14_53950	carbon_compound_catabolis	PGD1659590	prpC	DrhIR DcbrA Dcrc vs WT	1.155336	2.39E-07
PA14_53950	central_intermediary_metab	PGD1659590	prpC	DrhIR DcbrA Dcrc vs WT	1.155336	2.39E-07
PA14_54090	putative_enzymes	PGD1659610	NA	DrhIR DcbrA Dcrc vs WT	1.317937	6.42E-06
PA14_54170	amino_acid_biosynthesis_mε	PGD1659620	putA	DrhIR DcbrA Dcrc vs WT	1.078395	2.40E-13
PA14_54540	hypothetical_unclassified	PGD1659678	NA	DrhIR DcbrA Dcrc vs WT	1.222555	5.90E-07
PA14_54550	membrane_proteins	PGD1659680	NA	DrhIR DcbrA Dcrc vs WT	2.360405	0.030376
PA14_54630	putative_enzymes	PGD1659694	NA	DrhIR DcbrA Dcrc vs WT	1.016902	4.56E-11
PA14_54640	putative_enzymes	PGD1659696	dspl	DrhIR DcbrA Dcrc vs WT	1.743888	4.50E-30
PA14_54660	putative_enzymes	PGD1659698	NA	DrhIR DcbrA Dcrc vs WT	1.713491	3.52E-24
PA14_54880	putative_enzymes	PGD1659740	NA	DrhIR DcbrA Dcrc vs WT	-1.13213	2.42E-07
PA14_55080	hypothetical_unclassified	PGD1659776	NA	DrhIR DcbrA Dcrc vs WT	-1.3679	3.60E-19
PA14_55090	hypothetical_unclassified	PGD1659778	NA	DrhIR DcbrA Dcrc vs WT	-1.07469	1.30E-05
PA14_55100	hypothetical_unclassified	PGD1659780	NA	DrhIR DcbrA Dcrc vs WT	1.167922	2.33E-04
PA14_55110	hypothetical_unclassified	PGD1659782	NA	DrhIR DcbrA Dcrc vs WT	1.503133	1.34E-06
PA14_55160	transcriptional_regulators	PGD1659792	toxR	DrhIR DcbrA Dcrc vs WT	1.342559	4.97E-05
PA14_55540	transcriptional_regulators	PGD1659854	NA	DrhIR DcbrA Dcrc vs WT	1.000809	0.012725
PA14_55580	biosynthesis_of_cofactors	PGD1659862	nemO	DrhIR DcbrA Dcrc vs WT	1.278962	1.84E-04
PA14_55730	transcriptional_regulators	PGD1659894	NA	DrhIR DcbrA Dcrc vs WT	2.408395	6.47E-09
PA14_55940	protein_secretion_export	PGD1659930	NA	DrhIR DcbrA Dcrc vs WT	-1.94861	2.41E-09
PA14_56220	adaptation_and_protection	PGD1659974	NA	DrhIR DcbrA Dcrc vs WT	1.786489	9.72E-19
PA14_56540	energy_metabolism_CAP	PGD1660014	NA	DrhIR DcbrA Dcrc vs WT	1.227629	5.84E-07
PA14_56570	fatty_acid_and_phospholipid	PGD1660020	NA	DrhIR DcbrA Dcrc vs WT	-2.49736	3.76E-06
PA14_56730	hypothetical_unclassified	PGD1660042	NA	DrhIR DcbrA Dcrc vs WT	1.112472	1.05E-07
PA14_56750	hypothetical_unclassified	PGD1660046	NA	DrhIR DcbrA Dcrc vs WT	1.28779	0.006733
PA14_56770	membrane_proteins	PGD1660048	NA	DrhIR DcbrA Dcrc vs WT	1.756971	0.007109
PA14_56770	transport_of_small_molecule	PGD1660048	NA	DrhIR DcbrA Dcrc vs WT	1.756971	0.007109
PA14_56990	hypothetical_unclassified	PGD1660088	NA	DrhIR DcbrA Dcrc vs WT	-3.13022	1.32E-35
PA14_57010	chaperones_heat_shock	PGD1660090	groEL	DrhIR DcbrA Dcrc vs WT	1.133485	2.38E-13
PA14_57020	chaperones_heat_shock	PGD1660092	groES	DrhIR DcbrA Dcrc vs WT	1.161988	7.28E-11
PA14_57030	membrane_proteins	PGD1660094	fxsA	DrhIR DcbrA Dcrc vs WT	1.435102	3.60E-08
PA14_57990	transport_of_small_molecule	PGD1660253	NA	DrhIR DcbrA Dcrc vs WT	2.08904	2.08E-05
PA14_58000	adaptation_and_protection	PGD1660255	sodM	DrhIR DcbrA Dcrc vs WT	2.183846	4.27E-06
PA14_58010	hypothetical_unclassified	PGD1660257	NA	DrhIR DcbrA Dcrc vs WT	1.805455	0.002116
PA14_58030	energy_metabolism_CAP	PGD1660259	fumC	DrhIR DcbrA Dcrc vs WT	1.937657	7.45E-07
PA14_58040	hypothetical_unclassified	PGD1660261	NA	DrhIR DcbrA Dcrc vs WT	2.618565	8.98E-08
PA14_58500	membrane_proteins	PGD1660333	NA	DrhIR DcbrA Dcrc vs WT	2.85738	1.71E-17
PA14_58610	putative_enzymes	PGD1660353	NA	DrhIR DcbrA Dcrc vs WT	-1.42407	6.47E-05
PA14_58630	amino_acid_biosynthesis_mε	PGD1660357	NA	DrhIR DcbrA Dcrc vs WT	-1.17402	3.79E-16
PA14_58690	hypothetical_unclassified	PGD1660365	NA	DrhIR DcbrA Dcrc vs WT	1.07385	1.18E-11
PA14_58720	hypothetical_unclassified	PGD1660371	NA	DrhIR DcbrA Dcrc vs WT	1.951414	6.19E-16
PA14_58730	motility_and_attachment	PGD1660373	pilA	DrhIR DcbrA Dcrc vs WT	1.807645	1.48E-13
PA14_59220	secreted_factors	PGD1660467	NA	DrhIR DcbrA Dcrc vs WT	1.272507	0.0033



PA14_59360	motility_and_attachment	PGD1660489	pilM2	DrhIR DcbrA Dcrc vs WT	-2.68977	8.13E-10
PA14_59390	hypothetical_unclassified	PGD1660495	NA	DrhIR DcbrA Dcrc vs WT	-1.01966	0.002099
PA14_59780	two_component_regulators	PGD1660564	rcsC	DrhIR DcbrA Dcrc vs WT	1.42447	6.17E-11
PA14_59890	hypothetical_unclassified	PGD1660586	NA	DrhIR DcbrA Dcrc vs WT	2.701482	8.85E-05
PA14_60190	chaperones_heat_shock	PGD1660644	clpB	DrhIR DcbrA Dcrc vs WT	1.533391	4.48E-10
PA14_60280	motility_and_attachment	PGD1660660	fimU	DrhIR DcbrA Dcrc vs WT	1.171875	1.08E-10
PA14_60480	hypothetical_unclassified	PGD1660696	NA	DrhIR DcbrA Dcrc vs WT	1.372841	0.008848
PA14_60490	energy_metabolism_CAP	PGD1660698	NA	DrhIR DcbrA Dcrc vs WT	1.927322	9.86E-16
PA14_60520	hypothetical_unclassified	PGD1660702	NA	DrhIR DcbrA Dcrc vs WT	-1.00456	8.40E-13
PA14_60560	hypothetical_unclassified	PGD1660710	NA	DrhIR DcbrA Dcrc vs WT	1.269786	4.65E-05
NA	NA	PGD1660721	NA	DrhIR DcbrA Dcrc vs WT	-1.07565	2.43E-08
PA14_60700	energy_metabolism_CAP	PGD1660732	ccpR	DrhIR DcbrA Dcrc vs WT	1.158757	2.47E-06
PA14_61000	hypothetical_unclassified	PGD1660778	NA	DrhIR DcbrA Dcrc vs WT	1.952473	3.29E-08
PA14_61080	transport_of_small_molecule	PGD1660790	NA	DrhIR DcbrA Dcrc vs WT	1.500433	9.32E-07
PA14_61190	cell_wall_LPS	PGD1660808	NA	DrhIR DcbrA Dcrc vs WT	-1.4349	1.63E-23
PA14_61190	protein_secretion_export	PGD1660808	NA	DrhIR DcbrA Dcrc vs WT	-1.4349	1.63E-23
PA14_61200	cell_wall_LPS	PGD1660810	cdrA	DrhIR DcbrA Dcrc vs WT	-2.06044	1.63E-19
PA14_61200	secreted_factors	PGD1660810	cdrA	DrhIR DcbrA Dcrc vs WT	-2.06044	1.63E-19
PA14_61370	hypothetical_unclassified	PGD1660838	NA	DrhIR DcbrA Dcrc vs WT	1.345475	0.001079
PA14_62520	hypothetical_unclassified	PGD1661030	NA	DrhIR DcbrA Dcrc vs WT	-1.04112	3.09E-05
PA14_62530	carbon_compound_catabolism	PGD1661032	cbrA	DrhIR DcbrA Dcrc vs WT	-2.8011	1.77E-06
PA14_62530	two_component_regulators	PGD1661032	cbrA	DrhIR DcbrA Dcrc vs WT	-2.8011	1.77E-06
PA14_62940	amino_acid_biosynthesis_mechanism	PGD1661104	dapB	DrhIR DcbrA Dcrc vs WT	1.371376	1.04E-09
PA14_62960	adaptation_and_protection	PGD1661106	dnaJ	DrhIR DcbrA Dcrc vs WT	1.521813	3.38E-10
PA14_62960	chaperones_heat_shock	PGD1661106	dnaJ	DrhIR DcbrA Dcrc vs WT	1.521813	3.38E-10
PA14_62960	DNA_replication_recombination	PGD1661106	dnaJ	DrhIR DcbrA Dcrc vs WT	1.521813	3.38E-10
PA14_62970	adaptation_and_protection	PGD1661108	dnaK	DrhIR DcbrA Dcrc vs WT	1.536182	4.72E-17
PA14_62970	chaperones_heat_shock	PGD1661108	dnaK	DrhIR DcbrA Dcrc vs WT	1.536182	4.72E-17
PA14_62970	DNA_replication_recombination	PGD1661108	dnaK	DrhIR DcbrA Dcrc vs WT	1.536182	4.72E-17
PA14_62990	chaperones_heat_shock	PGD1661110	grpE	DrhIR DcbrA Dcrc vs WT	1.787078	8.13E-24
PA14_62990	DNA_replication_recombination	PGD1661110	grpE	DrhIR DcbrA Dcrc vs WT	1.787078	8.13E-24
PA14_63330	fatty_acid_and_phospholipid	PGD1661170	NA	DrhIR DcbrA Dcrc vs WT	1.238621	4.03E-13
PA14_64050	transcriptional_regulators	PGD1661278	NA	DrhIR DcbrA Dcrc vs WT	1.255426	8.41E-10
PA14_64050	two_component_regulators	PGD1661278	NA	DrhIR DcbrA Dcrc vs WT	1.255426	8.41E-10
PA14_64530	hypothetical_unclassified	PGD1661358	NA	DrhIR DcbrA Dcrc vs WT	-1.99238	0.002395
PA14_64690	membrane_proteins	PGD1661386	NA	DrhIR DcbrA Dcrc vs WT	1.426543	0.002755
PA14_64700	transcriptional_regulators	PGD1661388	NA	DrhIR DcbrA Dcrc vs WT	1.408364	0.001549
PA14_64750	membrane_proteins	PGD1661396	NA	DrhIR DcbrA Dcrc vs WT	-2.02553	2.36E-07
PA14_64750	transport_of_small_molecule	PGD1661396	NA	DrhIR DcbrA Dcrc vs WT	-2.02553	2.36E-07
PA14_64850	amino_acid_biosynthesis_mechanism	PGD1661412	NA	DrhIR DcbrA Dcrc vs WT	1.426904	2.14E-05
PA14_64870	transport_of_small_molecule	PGD1661416	NA	DrhIR DcbrA Dcrc vs WT	1.461333	6.59E-07
PA14_64880	membrane_proteins	PGD1661418	NA	DrhIR DcbrA Dcrc vs WT	1.165639	3.16E-04
PA14_64880	transport_of_small_molecule	PGD1661418	NA	DrhIR DcbrA Dcrc vs WT	1.165639	3.16E-04
PA14_64890	membrane_proteins	PGD1661420	NA	DrhIR DcbrA Dcrc vs WT	1.601245	6.97E-08
PA14_64890	transport_of_small_molecule	PGD1661420	NA	DrhIR DcbrA Dcrc vs WT	1.601245	6.97E-08
PA14_64900	transport_of_small_molecule	PGD1661422	NA	DrhIR DcbrA Dcrc vs WT	1.006108	3.39E-11
PA14_64930	nucleotide_biosynthesis_and	PGD1661428	NA	DrhIR DcbrA Dcrc vs WT	-2.70384	3.05E-40
PA14_64940	biosynthesis_of_cofactors	PGD1661430	NA	DrhIR DcbrA Dcrc vs WT	-3.57885	1.38E-33
PA14_64950	central_intermediary_metabolism	PGD1661432	pncA	DrhIR DcbrA Dcrc vs WT	2.144764	4.80E-23
PA14_64960	biosynthesis_of_cofactors	PGD1661434	pncB1	DrhIR DcbrA Dcrc vs WT	1.445192	7.28E-13

PA14_65690	nucleotide_biosynthesis_and	PGD1661538	NA	DrhIR DcbrA Dcrc vs WT	1.452584	1.61E-12
PA14_65690	putative_enzymes	PGD1661538	NA	DrhIR DcbrA Dcrc vs WT	1.452584	1.61E-12
PA14_65840	fatty_acid_and_phospholipid	PGD1661560	NA	DrhIR DcbrA Dcrc vs WT	1.125661	0.040055
PA14_65920	transport_of_small_molecule	PGD1661572	NA	DrhIR DcbrA Dcrc vs WT	2.522556	3.43E-11
PA14_65940	energy_metabolism_CAP	PGD1661574	NA	DrhIR DcbrA Dcrc vs WT	1.780838	5.72E-16
PA14_65940	putative_enzymes	PGD1661574	NA	DrhIR DcbrA Dcrc vs WT	1.780838	5.72E-16
PA14_66450	hypothetical_unclassified	PGD1661654	NA	DrhIR DcbrA Dcrc vs WT	3.95217	1.05E-74
PA14_66510	membrane_proteins	PGD1661662	NA	DrhIR DcbrA Dcrc vs WT	-1.47501	1.90E-04
PA14_66510	transport_of_small_molecule	PGD1661662	NA	DrhIR DcbrA Dcrc vs WT	-1.47501	1.90E-04
PA14_66540	hypothetical_unclassified	PGD1661668	NA	DrhIR DcbrA Dcrc vs WT	1.737554	5.45E-12
PA14_66630	motility_and_attachment	PGD1661684	pilP	DrhIR DcbrA Dcrc vs WT	1.155133	1.43E-06
PA14_66640	motility_and_attachment	PGD1661686	pilO	DrhIR DcbrA Dcrc vs WT	1.06319	4.94E-07
PA14_66650	motility_and_attachment	PGD1661688	pilN	DrhIR DcbrA Dcrc vs WT	1.316853	2.41E-09
PA14_66660	motility_and_attachment	PGD1661690	pilM	DrhIR DcbrA Dcrc vs WT	1.097169	9.04E-07
PA14_66750	translation_posttranslational	PGD1661704	argS	DrhIR DcbrA Dcrc vs WT	1.00416	1.13E-06
PA14_66760	cell_division	PGD1661706	NA	DrhIR DcbrA Dcrc vs WT	1.202276	3.23E-10
PA14_66770	chaperones_heat_shock	PGD1661708	hslV	DrhIR DcbrA Dcrc vs WT	1.242668	2.85E-11
PA14_66790	chaperones_heat_shock	PGD1661710	hslU	DrhIR DcbrA Dcrc vs WT	1.291289	1.99E-08
PA14_66850	transcriptional_regulators	PGD1661720	NA	DrhIR DcbrA Dcrc vs WT	-1.17391	3.31E-09
PA14_66880	transcriptional_regulators	PGD1661724	NA	DrhIR DcbrA Dcrc vs WT	-1.22138	1.08E-09
PA14_67130	transport_of_small_molecule	PGD1661766	NA	DrhIR DcbrA Dcrc vs WT	1.308653	4.03E-12
PA14_67140	translation_posttranslational	PGD1661768	NA	DrhIR DcbrA Dcrc vs WT	1.485141	1.17E-04
PA14_67150	amino_acid_biosynthesis_mε	PGD1661770	NA	DrhIR DcbrA Dcrc vs WT	2.396147	5.89E-23
PA14_67180	hypothetical_unclassified	PGD1661774	tli5b4	DrhIR DcbrA Dcrc vs WT	-1.18521	1.36E-07
PA14_67190	hypothetical_unclassified	PGD1661776	tli5b3	DrhIR DcbrA Dcrc vs WT	-1.20249	9.06E-07
PA14_67200	hypothetical_unclassified	PGD1661778	tli5b2	DrhIR DcbrA Dcrc vs WT	-1.29824	1.25E-07
PA14_67300	transport_of_small_molecule	PGD1661796	NA	DrhIR DcbrA Dcrc vs WT	-1.13921	1.61E-10
PA14_67310	transport_of_small_molecule	PGD1661798	NA	DrhIR DcbrA Dcrc vs WT	-1.59336	1.56E-10
PA14_67320	amino_acid_biosynthesis_mε	PGD1661800	hutH	DrhIR DcbrA Dcrc vs WT	-1.75402	2.41E-09
PA14_67320	central_intermediary_metab	PGD1661800	hutH	DrhIR DcbrA Dcrc vs WT	-1.75402	2.41E-09
PA14_67340	transport_of_small_molecule	PGD1661802	NA	DrhIR DcbrA Dcrc vs WT	-1.62795	3.19E-16
PA14_67350	amino_acid_biosynthesis_mε	PGD1661804	hutU	DrhIR DcbrA Dcrc vs WT	-1.13079	9.98E-07
PA14_67380	fatty_acid_and_phospholipid	PGD1661808	NA	DrhIR DcbrA Dcrc vs WT	-1.26819	6.70E-05
PA14_67420	transcriptional_regulators	PGD1661814	hutC	DrhIR DcbrA Dcrc vs WT	1.026093	1.60E-17
PA14_67440	putative_enzymes	PGD1661816	NA	DrhIR DcbrA Dcrc vs WT	1.271275	1.39E-15
PA14_67640	hypothetical_unclassified	PGD1661848	NA	DrhIR DcbrA Dcrc vs WT	1.28733	5.65E-09
PA14_67840	transport_of_small_molecule	PGD1661878	NA	DrhIR DcbrA Dcrc vs WT	1.524169	9.02E-12
PA14_67850	transport_of_small_molecule	PGD1661880	NA	DrhIR DcbrA Dcrc vs WT	1.709387	2.47E-12
PA14_67860	transport_of_small_molecule	PGD1661882	NA	DrhIR DcbrA Dcrc vs WT	2.418526	2.18E-18
PA14_67940	hypothetical_unclassified	PGD1661894	NA	DrhIR DcbrA Dcrc vs WT	1.257201	0.019049
PA14_68110	antibiotic_resistance_and_su	PGD1661924	NA	DrhIR DcbrA Dcrc vs WT	1.250044	1.17E-05
PA14_68170	cell_wall_LPS	PGD1661934	rmlB	DrhIR DcbrA Dcrc vs WT	-2.60104	7.02E-113
PA14_68190	cell_wall_LPS	PGD1661936	rmlD	DrhIR DcbrA Dcrc vs WT	-2.43732	2.28E-54
PA14_68200	cell_wall_LPS	PGD1661938	rmlA	DrhIR DcbrA Dcrc vs WT	-2.28186	3.97E-48
PA14_68210	cell_wall_LPS	PGD1661940	rmlC	DrhIR DcbrA Dcrc vs WT	-2.46874	2.02E-66
PA14_68230	transport_of_small_molecule	PGD1661942	NA	DrhIR DcbrA Dcrc vs WT	-1.17033	2.86E-20
PA14_68230	two_component_regulators	PGD1661942	NA	DrhIR DcbrA Dcrc vs WT	-1.17033	2.86E-20
PA14_68300	amino_acid_biosynthesis_mε	PGD1661952	arcD	DrhIR DcbrA Dcrc vs WT	2.817922	8.64E-24
PA14_68300	membrane_proteins	PGD1661952	arcD	DrhIR DcbrA Dcrc vs WT	2.817922	8.64E-24
PA14_68300	transport_of_small_molecule	PGD1661952	arcD	DrhIR DcbrA Dcrc vs WT	2.817922	8.64E-24

PA14_68330	amino_acid_biosynthesis_mε	PGD1661954	arcA	DrhIR DcbrA Dcrc vs WT	1.713329	5.25E-10
PA14_68340	amino_acid_biosynthesis_mε	PGD1661956	arcB	DrhIR DcbrA Dcrc vs WT	1.19099	3.98E-06
PA14_68430	putative_enzymes	PGD1661972	NA	DrhIR DcbrA Dcrc vs WT	-1.57438	7.11E-18
PA14_68440	energy_metabolism_CAP	PGD1661974	NA	DrhIR DcbrA Dcrc vs WT	-1.92098	2.71E-19
PA14_68440	putative_enzymes	PGD1661974	NA	DrhIR DcbrA Dcrc vs WT	-1.92098	2.71E-19
PA14_68780	membrane_proteins	PGD1662028	NA	DrhIR DcbrA Dcrc vs WT	1.043154	8.38E-07
PA14_68780	transport_of_small_molecule	PGD1662028	NA	DrhIR DcbrA Dcrc vs WT	1.043154	8.38E-07
PA14_68800	transport_of_small_molecule	PGD1662030	NA	DrhIR DcbrA Dcrc vs WT	1.718702	1.26E-19
PA14_68820	protein_secretion_export	PGD1662034	NA	DrhIR DcbrA Dcrc vs WT	1.130667	4.05E-10
PA14_68930	membrane_proteins	PGD1662052	NA	DrhIR DcbrA Dcrc vs WT	-5.1794	2.48E-19
PA14_68930	transport_of_small_molecule	PGD1662052	NA	DrhIR DcbrA Dcrc vs WT	-5.1794	2.48E-19
PA14_68940	hypothetical_unclassified	PGD1662054	NA	DrhIR DcbrA Dcrc vs WT	-4.5175	8.04E-27
PA14_69270	biosynthesis_of_cofactors	PGD1662106	NA	DrhIR DcbrA Dcrc vs WT	1.662022	1.31E-09
PA14_69550	hypothetical_unclassified	PGD1662150	NA	DrhIR DcbrA Dcrc vs WT	-2.69078	0.0172
PA14_69560	secreted_factors	PGD1662152	hcpB	DrhIR DcbrA Dcrc vs WT	-1.31163	2.94E-09
PA14_69795	membrane_proteins	PGD1662192	amtB	DrhIR DcbrA Dcrc vs WT	-1.05736	5.70E-10
PA14_69795	transport_of_small_molecule	PGD1662192	amtB	DrhIR DcbrA Dcrc vs WT	-1.05736	5.70E-10
PA14_69890	antibiotic_resistance_and_su	PGD1662206	NA	DrhIR DcbrA Dcrc vs WT	-1.24123	0.005165
PA14_69925	central_intermediary_metab	PGD1662212	poxB	DrhIR DcbrA Dcrc vs WT	1.328516	5.34E-05
PA14_69925	energy_metabolism_CAP	PGD1662212	poxB	DrhIR DcbrA Dcrc vs WT	1.328516	5.34E-05
PA14_70390	carbon_compound_catabolis	PGD1662282	crc	DrhIR DcbrA Dcrc vs WT	-3.36871	4.57E-68
PA14_70390	DNA_replication_recombinat	PGD1662282	crc	DrhIR DcbrA Dcrc vs WT	-3.36871	4.57E-68
PA14_70390	energy_metabolism_CAP	PGD1662282	crc	DrhIR DcbrA Dcrc vs WT	-3.36871	4.57E-68
PA14_70600	DNA_replication_recombinat	PGD1662314	NA	DrhIR DcbrA Dcrc vs WT	1.350902	2.30E-06
PA14_70650	putative_enzymes	PGD1662322	NA	DrhIR DcbrA Dcrc vs WT	2.278424	1.13E-10
PA14_70670	carbon_compound_catabolis	PGD1662324	glcF	DrhIR DcbrA Dcrc vs WT	2.207199	7.47E-12
PA14_70670	central_intermediary_metab	PGD1662324	glcF	DrhIR DcbrA Dcrc vs WT	2.207199	7.47E-12
PA14_70670	energy_metabolism_CAP	PGD1662324	glcF	DrhIR DcbrA Dcrc vs WT	2.207199	7.47E-12
PA14_70680	carbon_compound_catabolis	PGD1662326	glcE	DrhIR DcbrA Dcrc vs WT	2.189824	1.08E-15
PA14_70680	central_intermediary_metab	PGD1662326	glcE	DrhIR DcbrA Dcrc vs WT	2.189824	1.08E-15
PA14_70690	carbon_compound_catabolis	PGD1662328	glcD	DrhIR DcbrA Dcrc vs WT	1.583441	4.61E-11
PA14_70690	central_intermediary_metab	PGD1662328	glcD	DrhIR DcbrA Dcrc vs WT	1.583441	4.61E-11
PA14_71060	amino_acid_biosynthesis_mε	PGD1662386	sdaB	DrhIR DcbrA Dcrc vs WT	-1.16277	3.87E-05
PA14_71240	amino_acid_biosynthesis_mε	PGD1662420	NA	DrhIR DcbrA Dcrc vs WT	-2.29733	3.65E-06
PA14_71250	hypothetical_unclassified	PGD1662422	NA	DrhIR DcbrA Dcrc vs WT	-2.649	0.00117
PA14_71260	amino_acid_biosynthesis_mε	PGD1662424	NA	DrhIR DcbrA Dcrc vs WT	-1.11433	4.06E-05
PA14_71260	energy_metabolism_CAP	PGD1662424	NA	DrhIR DcbrA Dcrc vs WT	-1.11433	4.06E-05
PA14_71280	amino_acid_biosynthesis_mε	PGD1662426	NA	DrhIR DcbrA Dcrc vs WT	-1.02625	0.012766
PA14_71280	energy_metabolism_CAP	PGD1662426	NA	DrhIR DcbrA Dcrc vs WT	-1.02625	0.012766
PA14_71400	hypothetical_unclassified	PGD1662448	NA	DrhIR DcbrA Dcrc vs WT	1.236714	3.15E-04
PA14_71410	transport_of_small_molecule	PGD1662450	NA	DrhIR DcbrA Dcrc vs WT	-2.47324	3.72E-04
PA14_71420	energy_metabolism_CAP	PGD1662452	NA	DrhIR DcbrA Dcrc vs WT	-1.85366	2.16E-06
PA14_71460	amino_acid_biosynthesis_mε	PGD1662460	glyA1	DrhIR DcbrA Dcrc vs WT	-3.03593	4.23E-07
PA14_71470	amino_acid_biosynthesis_mε	PGD1662462	soxB	DrhIR DcbrA Dcrc vs WT	-1.96078	1.38E-06
PA14_71470	carbon_compound_catabolis	PGD1662462	soxB	DrhIR DcbrA Dcrc vs WT	-1.96078	1.38E-06
PA14_71490	amino_acid_biosynthesis_mε	PGD1662464	soxD	DrhIR DcbrA Dcrc vs WT	-3.26489	0.0195
PA14_71490	carbon_compound_catabolis	PGD1662464	soxD	DrhIR DcbrA Dcrc vs WT	-3.26489	0.0195
PA14_71500	carbon_compound_catabolis	PGD1662466	soxA	DrhIR DcbrA Dcrc vs WT	-2.01901	1.83E-07
PA14_71510	amino_acid_biosynthesis_mε	PGD1662468	soxG	DrhIR DcbrA Dcrc vs WT	-1.72608	0.004721
PA14_71510	carbon_compound_catabolis	PGD1662468	soxG	DrhIR DcbrA Dcrc vs WT	-1.72608	0.004721

PA14_71530	nucleotide_biosynthesis_and	PGD1662470	purU2	DrhIR DcbrA Dcrc vs WT	-3.16072	7.92E-08
PA14_71560	amino_acid_biosynthesis_mε	PGD1662472	fdhA	DrhIR DcbrA Dcrc vs WT	-2.40261	8.70E-09
PA14_71700	transport_of_small_molecule	PGD1662496	NA	DrhIR DcbrA Dcrc vs WT	1.320568	0.00487
PA14_71820	putative_enzymes	PGD1662512	NA	DrhIR DcbrA Dcrc vs WT	1.714516	1.33E-13
PA14_72500	hypothetical_unclassified	PGD1662622	NA	DrhIR DcbrA Dcrc vs WT	1.118075	2.52E-05
PA14_72660	biosynthesis_of_cofactors	PGD1662648	NA	DrhIR DcbrA Dcrc vs WT	1.044845	0.030378
PA14_72690	amino_acid_biosynthesis_mε	PGD1662650	NA	DrhIR DcbrA Dcrc vs WT	1.759617	5.51E-07
PA14_72830	hypothetical_unclassified	PGD1662676	NA	DrhIR DcbrA Dcrc vs WT	-1.01407	0.004069
PA14_72880	biosynthesis_of_cofactors	PGD1662684	NA	DrhIR DcbrA Dcrc vs WT	-1.50679	1.67E-11
PA14_72890	transcriptional_regulators	PGD1662686	NA	DrhIR DcbrA Dcrc vs WT	-1.57215	6.84E-17
PA14_72970	transport_of_small_molecule	PGD1662698	tonB	DrhIR DcbrA Dcrc vs WT	1.26784	5.67E-05
NA	NA	PGD21131238	NA	DrhIR DcbrA Dcrc vs WT	-1.07575	0.020811
PA14_99999	NA	gene_crcZ	crcZ	DrhIR DcbrA Dcrc vs WT	-10.598	8.58E-26