Table S2. List of genes down-regulated (< -2-fold cut-off) in response to 10 μM PQQ

Gene name	Function	Fold change
blr6074	CBS domain-containing protein	-55.49
blr7345	hypothetical protein	-39.66
blr0497	hypothetical protein	-31.41
bsr7036	periplasmic nitrate reductase(napE)	-30.53
bll3998	probable succinate-semialdehyde dehydrogenase [NADP+]	-30.4
blr1289	oleate hydratase	-28.18
blr2767	(Fe-S)-binding protein(fixG)	-26.08
bll6069	universal stress protein	-24.38
blr7037	periplasmic nitrate reductase(napD)	-23.88
bll2757	transcriptional regulator FixK(fixK2)	-23.56
bsl7992	DUF2933 domain-containing protein	-22.04
blr4114	DUF485 domain-containing protein	-20.44
bsr6066	hypothetical protein	-18.76
blr2763	cbb3-type cytochrome c oxidase subunitI(fixN)	-18.09
bll5655	alcohol dehydrogenase AdhP	-18.06
blr2611	helix-turn-helix domain-containing protein	-17.89
bll7551	hypothetical protein	-17.25
blr6067	unknown protein	-17.09
bsr7087	unknown protein	-16.4
bll4640	hypothetical protein	-15.28
blr2768	FixH protein(fixH)	-15.25
blr4111	hypothetical protein	-14.61
bll0672	coproporphyrinogen III oxidase(hemN)	-14.07
bll7988	probable ATP-binding protein	-13.74
blr7084	transcriptional regulator(nnrR)	-12.98
bll5773	transcriptional regulatory protein	-12.79
blr4637	probable HspC2 heat shock protein	-12.76
blr4638	hypothetical protein	-12.36
blr4240	hypothetical protein	-12.28
blr7038	nitrate reductase catalytic subunit(napA)	-11.82
bll4360	Poly(3-hydroxybutyrate) synthase	-11.63

blr4241	hypothetical protein	-11.54
blr5626	molecular chaperone GroEL(groEL)	-11.27
bll2471	hypothetical protein	-10.88
bll4639	probable protease	-10.37
blr4646	hypothetical protein	-9.72
blr2761	hypothetical protein	-9.32
bll4634	hypothetical protein	-8.72
blr2764	cbb3-type cytochrome c oxidase subunitII(fixO)	-8.37
bll7083	hypothetical protein	-8.06
bll7553	unknown protein	-7.36
blr4630	unknown protein	-5.2
bsr5054	unknown protein	-4.48
blr2891	putative phenylacetic acid degradation protein	-3.55
blr2893	phenylacetate-CoA dioxygenase(paaC)	-3.49
bsr2892	phenylacetate-CoA oxygenase subunit PaaB(paaB)	-2.81
bll3439	phenylacetate-CoA dioxygenase/hydroxylase system	-2.8
blr2671	unknown protein	-2.69
blr4659	PfkB family carbohydrate kinase	-2.62
blr3486	hypothetical protein	-2.53
bsr5763	unknown protein	-2.4
bll1475	adenylyl-sulfate kinase(nodQ)	-2.39
bsr0398	hypothetical protein	-2.36
bll1476	sulfate adenylyltransferase(cysD)	-2.33
bll2210	multicopper oxidase(copA)	-2.3
bll7981	putative dehydrogenase	-2.29
blr2666	unknown protein	-2.19
blr2341	unknown protein	-2.17
bll7010	alkanesulfonate monooxygenase(ssuD)	-2.06
bll2109	transcriptional regulatory protein	-2.05