

S2 Table: Global transcriptomic analysis of a $\Delta nrdR$ mutant strain compared with *P. aeruginosa* PAO1 wild-type strain grown aerobically. List of all differentially regulated genes identified (more than 1.5-fold change in expression).

ID	Gene	Operon arrangement	Log2 Fold Change	Gene Product
PA2128	<i>cupA1</i>	<i>cupA12345</i>	4.13	Fimbrial subunit CupA1
PA4139			3.78	Hypothetical protein
PA1383			2.42	Hypothetical protein
PA5497	<i>nrdJa</i>	<i>nrdJab</i>	2.41	Class II (cobalamin-dependent) ribonucleotide-diphosphate reductase subunit, NrdJa
PA2223			2.37	Hypothetical protein
PA1718	<i>pscE</i>	<i>pscBCDEFGHIJKL</i>	2.32	Type III export protein PscE
PA1156	<i>nrdA</i>	<i>nrdAB</i>	2.24	Ribonucleoside reductase, large chain
PA0992	<i>cupC1</i>	<i>cupC123</i>	2.19	Fimbrial subunit CupC1
PA0425	<i>mexA</i>	<i>mexAB-oprM</i>	2.13	Resistance-Nodulation-Cell Division (RND) multidrug efflux membrane fusion protein
PA3188			2.11	Hypothetical protein
PA0424	<i>mexR</i>		2.06	Multidrug resistance operon repressor MexR
PA1693	<i>pscR</i>	<i>PA1697-pscOPQRSTU</i>	2.00	Translocation protein in type III secretion
PA3144			1.99	Hypothetical protein
PA2322			1.98	Hypothetical protein
PA3842			1.96	Hypothetical protein

PA1155	<i>nrdB</i>	<i>nrdAB</i>	1.96	Ribonucleoside reductase, small chain
PA0865	<i>hpd</i>		1.94	4-hydroxyphenylpyruvate dioxygenase
PA0426	<i>mexB</i>	<i>mexAB-oprM</i>	1.93	Resistance-Nodulation-Cell Division (RND) multidrug efflux transporter MexB
PA4086	<i>cupB1</i>	<i>cupB123456</i>	1.89	Probable fimbrial subunit CupB1
PA0887	<i>acsA</i>		1.84	Acetyl-coenzyme A synthetase
PA0978			1.78	Hypothetical protein
PA5169			1.77	Hypothetical protein
PA1333			1.65	Hypothetical protein
PA1723	<i>pscJ</i>	<i>pscBCDEFGHIJKL</i>	1.63	Type III export protein PscJ
PA0958	<i>oprD</i>		1.61	Basic amino acid, basic peptide and imipenem outer membrane porin OprD precursor
PA3720			1.61	Hypothetical protein
PA1386			1.54	Hypothetical protein
PA5491			1.53	Hypothetical protein
PA0717			1.51	Hypothetical protein
PA0427	<i>oprM</i>	<i>mexAB-oprM</i>	1.43	Major intrinsic multiple antibiotic resistance efflux outer membrane protein Opr
PA2813			-1.58	Hypothetical protein
PA4881			-1.59	Hypothetical protein
PA0567			-1.64	Hypothetical protein
PA2812			-1.68	Hypothetical protein
PA2811			-1.75	Hypothetical protein

PA0281	<i>cysW</i>		-2.05	Sulfate transport protein CysW
PA2491	<i>mexS</i>		-2.18	Hypothetical protein
PA3931			-2.21	Hypothetical protein
PA3229			-2.37	Hypothetical protein
PA4691			-2.55	Hypothetical protein
PA0998	<i>pqsC</i>	<i>pqsABCDE</i>	-2.83	Homologous to beta-keto-acyl-acyl-carrier protein synthase
PA0565			-3.06	Hypothetical protein
PA2494	<i>mexF</i>		-3.19	Resistance-Nodulation-Cell Division (RND) multidrug efflux transporter MexF
PA3281			-3.73	Hypothetical protein
PA3283			-4.57	Hypothetical protein
