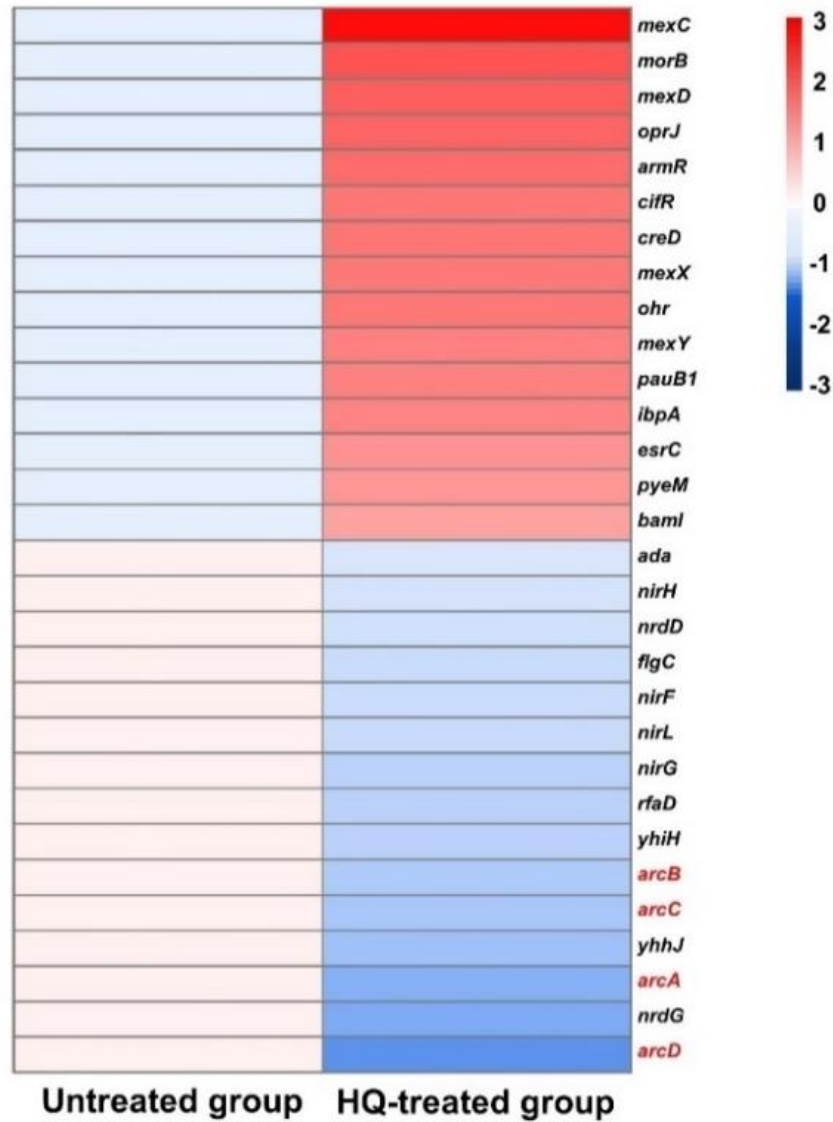


## Supplementary Materials



**Figure S1.** Gene expression heatmap of *P. aeruginosa* ATCC 27853 in response to hydroquinone (1.25 mg/mL). The map shows the top 15 transcripts of the significantly up- and down-regulated DEGs (hypothetical protein and undefined genes were excluded).

**Table S1.** Differentially expressed genes (DEGs) associated with the ADI pathway as determined by transcriptome analysis.

Gene name	Gene product	Product name	Log <sub>2</sub> FC <sup>1</sup>	FDR <sup>2</sup>	<i>p</i> -value
<i>arcA</i>	Arginine deiminase (ADI)	ADI	-3.85	2.06 × 10 <sup>-5</sup>	1.43 × 10 <sup>-7</sup>
<i>arcB</i>	Ornithine transcarbamylase (OTC)	OTC	-3.32	4.00 × 10 <sup>-4</sup>	3.36 × 10 <sup>-6</sup>
<i>arcC</i>	Carbamate kinase (CK)	CK	-3.41	2.00 × 10 <sup>-4</sup>	1.96 × 10 <sup>-6</sup>
<i>arcD</i>	Arginine/ornithine antiporter (AOA)	AOA	-4.24	2.51 × 10 <sup>-6</sup>	1.22 × 10 <sup>-8</sup>

<sup>1</sup>Log<sub>2</sub> FC, Log<sub>2</sub> relative fold changes of the gene expression levels in response to hydroquinine, compared to the untreated control. <sup>2</sup>FDR, false discovery rate showed statistical significances.