

1 **Chromosomal DNA deletion confers phage resistance to**

2 *Pseudomonas aeruginosa*

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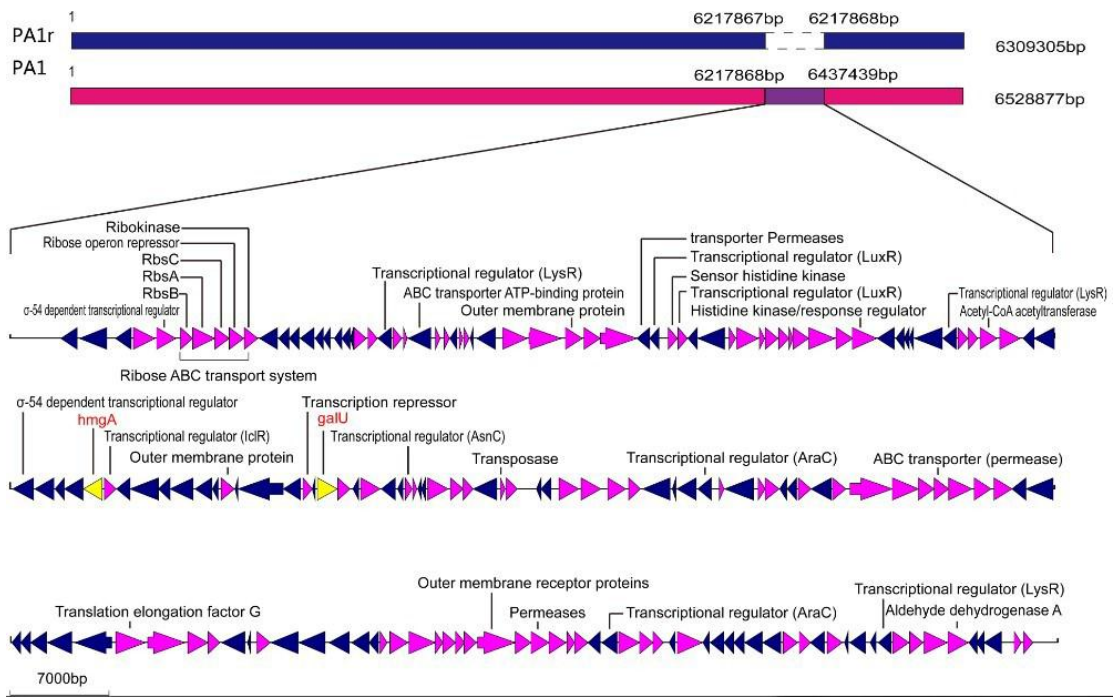
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22 **Figure S1. Diagram of the genes in the deleted fragment in PA1r**

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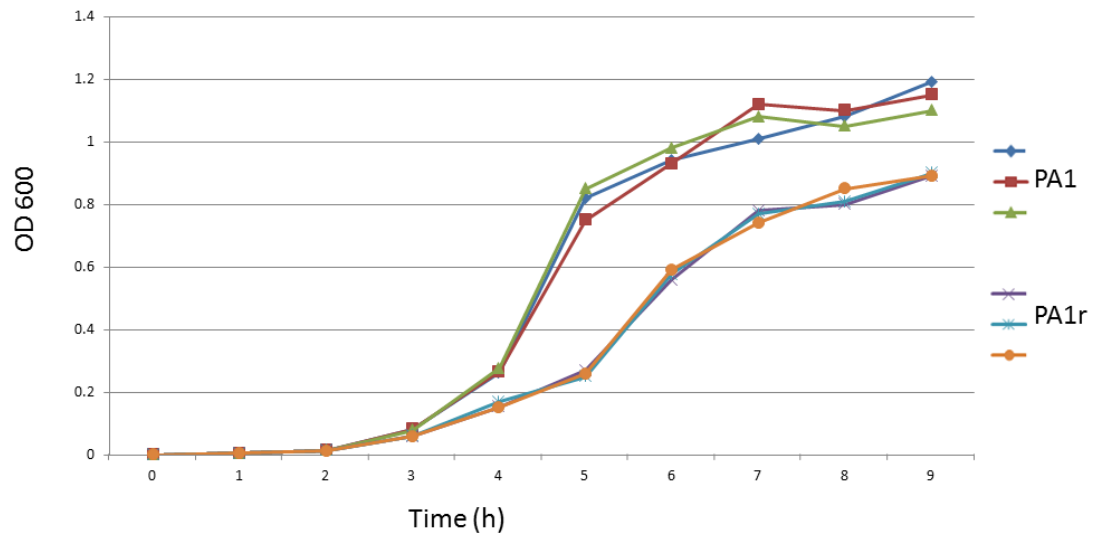
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33 **Figure S2. Growth curves of PA1 and PA1r.** Genomic fragment deletion mutant

34 PA1r grows slower than PA1 and cannot reach a high density as PA1 (student's t test,

35 $P < 0.05$) . Three independent replicates were performed.

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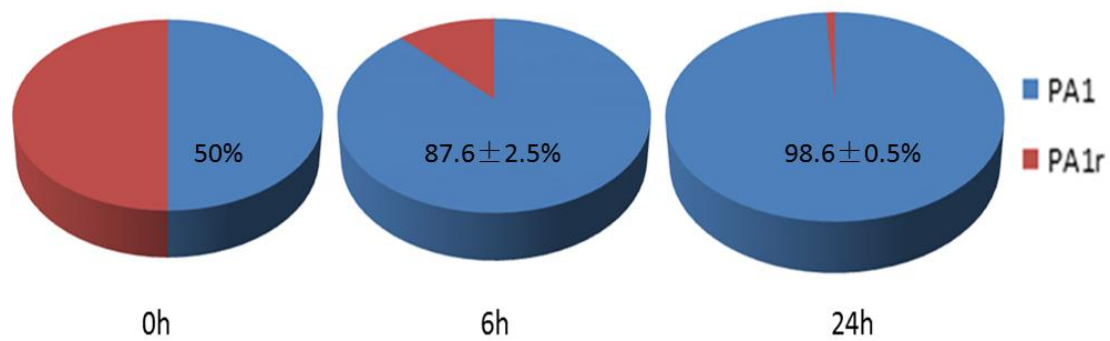
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0h

6h

24h

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49 **Figure S3. Competition assays of PA1 and PA1r.** 10^6 cfu of PA1 and PA1r were
 50 mixed in 1 ml LB and grown at 37 °C with shaking. The mixed culture was inoculated
 51 onto LB plates at 6 h and 24 h. The ratios of red and non-red colonies were calculated.
 52 PA1r was outcompeted by wide type strain PA1 in the competition assays. Three
 53 independent replicates were performed. (One-Way ANOVA test, $P < 0.05$)

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