

S1_Table. Strains used in this study.

Strain	Genotype	Source
<i>Escherichia coli</i>		
BL21 (DE3)	F ⁻ <i>ompT hsdS_B(r_B⁻ m_B⁻) gal dcm</i> (λDE3)	Novagen Inc.
DH5α	<i>recA1 endA1 gyrA96 thi-1 hsdR17</i> (r _K ⁻ m _K ⁺) <i>supE44 relA1 deoR</i> Δ(<i>lacZYA-argF</i>) <i>UI69</i> (φ80 <i>dlacZ</i> ΔM15)	[1] ^a
S17-1	<i>pro</i> Δ <i>hsdR hsdM</i> ⁺ <i>recA</i> T _p ^R Sm ^R ΩRP4-Tc::Mu-Kn::Tn7	[2] ^a
<i>Pseudomonas aeruginosa</i>		
PAO1161 Rif ^R	<i>leu</i> r ⁻ Rif ^R	[3] ^a
PAO1161 Rif ^R <i>parB</i> _{null}	<i>leu</i> r ⁻ Rif ^R <i>parB1-18::Tc</i> ^R	[4] ^a
PAO1161 Rif ^R <i>parA</i> _{null}	<i>leu</i> r ⁻ Rif ^R <i>parA1-39::Sm</i> ^R	[3] ^a
PAO1161 Rif ^R <i>parSmut1</i>	<i>parS1</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB11	This study
PAO1161 Rif ^R <i>parSmut2</i>	<i>parS2</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB12	This study
PAO1161 Rif ^R <i>parSmut3</i>	<i>parS3</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB13	This study
PAO1161 Rif ^R <i>parSmut4</i>	Δ <i>parS4</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB14	This study
PAO1161 Rif ^R <i>parSmut5</i>	<i>parS5</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB15	This study
PAO1161 Rif ^R <i>parSmut6</i>	<i>parS6</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB16	This study
PAO1161 Rif ^R <i>parSmut7</i>	<i>parS7</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB17	This study
PAO1161 Rif ^R <i>parSmut8</i>	<i>parS8</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB18	This study
PAO1161 Rif ^R <i>parSmut9</i>	<i>parS9</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB19	This study
PAO1161 Rif ^R <i>parSmut10</i>	<i>parS10</i> [*] , allele exchange in PAO1161 Rif ^R with the use of pPJB20	This study
PAO1161 Rif ^R <i>parSmut11</i>	<i>parS1</i> [*] , Δ <i>parS4</i> [*] , allele exchange in PAO1161 Rif ^R <i>parSmut1</i> with the use of pPJB14	This study
PAO1161 Rif ^R <i>parSmut12</i>	<i>parS2</i> [*] , <i>parS3</i> [*] , allele exchange in PAO1161 Rif ^R <i>parSmut2</i> with the use of pPJB13	This study
PAO1161 Rif ^R <i>parSmut13</i>	<i>parS1</i> [*] , <i>parS2</i> [*] , <i>parS3</i> [*] , allele exchange in PAO1161 Rif ^R <i>parSmut12</i> with the use of pPJB11	This study
PAO1161 Rif ^R <i>parSmut14</i>	<i>parS1</i> [*] and <i>parS2</i> [*] , Δ <i>parS4</i> , allele exchange in PAO1161 Rif ^R <i>parSmut11</i> with the use of pPJB12	This study
PAO1161 Rif ^R <i>parSmut15</i>	<i>parS1</i> [*] , <i>parS2</i> [*] , <i>parS3</i> [*] , Δ <i>parS4</i> , allele exchange in PAO1161 Rif ^R <i>parSmut14</i> with the use of pPJB13	This study
PAO1161 Rif ^R <i>parSmut16</i>	<i>parS1</i> [*] , <i>parS2</i> [*] , <i>parS3</i> [*] Δ <i>parS4</i> , <i>parS5</i> [*] , allele exchange in PAO1161 Rif ^R <i>parSmut15</i> with the use of pPJB15	This study

PAO1161 Rif ^R <i>parSmut17</i>	<i>parS1*</i> , <i>parS2*</i> , <i>parS3*</i> , Δ <i>parS4</i> , <i>parS5*</i> , <i>parS6*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut16</i> with the use of pPJB16	This study
PAO1161 Rif ^R <i>parSmut18</i>	<i>parS1*</i> , <i>parS2*</i> , <i>parS3*</i> , Δ <i>parS4</i> , <i>parS5*</i> , <i>parS6*</i> , <i>parS7</i> , allele exchange in PAO1161 Rif ^R <i>parSmut17</i> with the use of pPJB17	This study
PAO1161 Rif ^R <i>parSmut19</i>	<i>parS1*</i> , <i>parS2*</i> , <i>parS3*</i> , Δ <i>parS4</i> , <i>parS5*</i> , <i>parS6*</i> , <i>parS7*</i> , <i>parS8*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut18</i> with the use of pPJB18	This study
PAO1161 Rif ^R <i>parSmut20</i>	<i>parS1*</i> , <i>parS2*</i> , <i>parS3*</i> , Δ <i>parS4</i> , <i>parS5*</i> , <i>parS6*</i> , <i>parS7*</i> , <i>parS8*</i> , <i>parS9*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut19</i> with the use of pPJB19	This study
PAO1161 Rif ^R <i>parSmut21</i>	<i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut10</i> with the use of pPJB19	This study
PAO1161 Rif ^R <i>parSmut22</i>	<i>parS8*</i> , <i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut22</i> with the use of pPJB18	This study
PAO1161 Rif ^R <i>parSmut23</i>	<i>parS6*</i> , <i>parS8*</i> , <i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut23</i> with the use of pPJB16	This study
PAO1161 Rif ^R <i>parSmut24</i>	<i>parS6*</i> , <i>parS7*</i> , <i>parS8*</i> , <i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut24</i> with the use of pPJB17	This study
PAO1161 Rif ^R <i>parSmut25</i>	<i>parS5*</i> <i>parS6*</i> , <i>parS7*</i> , <i>parS8*</i> , <i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut25</i> with the use of pPJB15	This study
PAO1161 Rif ^R <i>parSmut26</i>	Δ <i>parS4*</i> , <i>parS5*</i> <i>parS6*</i> , <i>parS7*</i> , <i>parS8*</i> , <i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut25</i> with the use of pPJB14	This study
PAO1161 Rif ^R <i>parSmut27</i>	<i>parS1*</i> , Δ <i>parS4*</i> , <i>parS5*</i> <i>parS6*</i> , <i>parS7*</i> , <i>parS8*</i> , <i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut26</i> with the use of pPJB11	This study
PAO1161 Rif ^R <i>parSmut28</i>	<i>parS1*</i> , <i>parS3*</i> , Δ <i>parS4</i> , <i>parS5*</i> , <i>parS6*</i> , <i>parS7*</i> , <i>parS8*</i> , <i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut27</i> with the use of pPJB13	This study
PAO1161 Rif ^R <i>parSmut29</i>	<i>parS7*</i> replaced with <i>parS2</i> , allele exchange in PAO1161 Rif ^R <i>parS_{null}</i> with the use of pPJB21	This study
PAO1161 Rif ^R <i>parSmut30</i>	<i>parS1*</i> , <i>parS2*</i> , <i>parS3*</i> , <i>parS5*</i> , <i>parS6*</i> , <i>parS7*</i> , <i>parS8*</i> , <i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parS_{null}</i> with the use of pPJB22	This study
PAO1161 Rif ^R <i>parS_{null}</i>	<i>parS1*</i> , <i>parS2*</i> , <i>parS3*</i> , Δ <i>parS4</i> , <i>parS5*</i> , <i>parS6*</i> , <i>parS7*</i> , <i>parS8*</i> , <i>parS9*</i> , <i>parS10*</i> , allele exchange in PAO1161 Rif ^R <i>parSmut20</i> with the use of pPJB20	This study

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