

**Table 2. List of strains and plasmids**

Strain (designation in paper)	Genotype	Source
<b>Strains</b>		
PAO1 ( <i>P.a.</i> )	<i>P.a.</i> wild type	(1)
62	<i>P.a.</i> isolated from soil	(2)
E2	<i>P.a.</i> isolated from tomato	(2)
MSH3	<i>P.a.</i> isolated from water	(2)
MSH10	<i>P.a.</i> isolated from water	(2)
PDO100 ( <i>P.a.-rhlI</i> )	PAO1 $\Delta$ <i>rhlI</i> mutant	(1)
PAO1-JP1 ( <i>P.a.-lasI</i> )	PAO1 $\Delta$ <i>lasI</i> mutant	(1)
PAO1-JP2 ( <i>P.a.-lasI</i> rhlI)	PAO1 $\Delta$ <i>lasI</i> $\Delta$ <i>rhlI</i> double mutant	(1)
<i>lasRrhlR</i> ( <i>P.a.-lasRrhlR</i> )	PAO1 $\Delta$ <i>lasR</i> $\Delta$ <i>rhlR</i> double mutant	Michael Givskov
AHP4C ( <i>P.a.-hcnC</i> rhlBphzA1)	PAO1 $\Delta$ <i>hcnC</i> $\Delta$ <i>rhlB</i> $\Delta$ <i>phzA1</i> triple mutant	Colin Manoil
PTL32688 ( <i>P.a.-pilA</i> )	PAO1 type IV pili biosynthesis mutant	Univ. of Washington
<i>flgK</i> ( <i>P.a.-flgK</i> )	PAO1 flagellum biosynthesis mutant	(3)
AtC58* ( <i>A.t.</i> )	<i>A.t.</i> wild-type AtC58 with GFP Tn7 insertion, Gm <sup>R</sup>	This study
AtC58-fliR ( <i>A.t.-fliR</i> )	AtC58 flagellum mutant with TnMod-OKm' insertion in <i>fliR</i> , harboring pJZ383 for GFP expression	(4)
<b>Plasmids</b>		
pDA1	pQF50 derivative with <i>rhlR</i> and <i>lasR</i> , Amp <sup>R</sup>	This study
pDA2	pUCP18 derivative with <i>pilA</i> , Amp <sup>R</sup>	This study
pDA3	pEX1.8 derivative with <i>flgK</i> and <i>flgL</i> , Amp <sup>R</sup>	This study

1. Pesci, E., Pearson, J., Seed, P. & Iglewski, B. (1997) *J. Bacteriol.* **179**, 3127–3132.
2. Wolfgang, M. C., Kulasekara, B. R., Liang, X., Boyd, D., Wu, K., Yang, Q., Miyada, C. G. & Lory, S. (2003) *Proc. Natl. Acad. Sci. USA* **100**, 8484–8489.
3. O'Toole, G. A., & Kolter R. (1998) *Mol. Microbiol.* **30**, 295–304.
4. Ramey, B. E. (2004) PhD Dissertation (Indiana Univ., Bloomington, IN).