

Materials List for:

A Visual Assay to Monitor T6SS-mediated Bacterial Competition

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Materials

Name	Company	Catalog Number	Comments
<i>P. aeruginosa</i> PAKΔ <i>retS</i> (D ⁺) (active T6SS)	Lab strain		Described in Reference 16
<i>P. aeruginosa</i> PAKΔ <i>retS</i> Δ <i>H1-T6SS</i> (D ⁻)(inactive T6SS)	This study		The <i>H1-T6SS</i> cluster (encompassing the genes PA0070 to PA0095) has been deleted by allelic exchange following the procedure described in Reference 18. The mutator fragment was generated with the following set of primers: The Up fragment primers: 5'-ATGGTCAACGACATGGAGCTGGAG-3', and 5'-CGAGGCCGATCAGGCCTTCAGAACTGA-3'. The Down fragment primers: 5'-TCAGGCCTTCAGAACTGAAGCGGCGCA-3', 5'-GGTGGCGTTCAACAGTTCCATGTC-3'
<i>E.coli</i> DH5α	Invitrogen	18258-012	F- φ80/ <i>lacZ</i> Δ <i>M15</i> Δ(<i>lacZYA-argF</i>) U169 <i>recA1 endA1 hsdR17</i> (r _k ⁻ , m _k ⁺) <i>phoA supE44 λ- thi-1 gyrA96 relA1</i>
pBluescript II SK(+)	Agilent	212205	This vector expresses the α peptide of β-galactosidase used for α-complementation.
X-gal	Invitrogen	15520-018	Use at 40 μg/ml
Luria Bertani agar	Merck-chemicals	1.10283.0500	
TSB (casein soya bean broth)	Oxoid	CM109	
Vortex shaker Genius 3	IKA	3340000	
Scanner	Epson	V700	
Spectrophotometer	WPA Biowave	CO8000 Cell Density Meter	
Magenta-gal	Bioworld	30350001-1 (715241)	
Red-gal	Research organics	1364c	

Table 1. Strain, plasmid, material and reagent used.