

**Table S2. Transposon insertions that suppress biofilm matrix repression in  $\Delta flaA \Delta motX$**

Gene interrupted	Number of insertions	Gene function
<i>flrA</i> (VC2137)	12	Regulators of the flagellar hierarchy
<i>flrC</i> (VC2135)	5	
<i>flrB</i> (VC2136)	4	
<i>flhA</i> (VC2069)	12	Flagellum-specific transport machinery
<i>flhB</i> (VC2120)	5	
<i>fliI</i> (VC2130)	1	
<i>fliO</i> (VC2124)	1	
<i>fliP</i> (VC2123)	5	
<i>fliR</i> (VC2121)	2	
<i>fliF</i> (VC2133)	2	M and C ring
<i>fliG</i> (VC2132)	2	
<i>fliM</i> (VC2126)	2	
<i>fliE</i> (VC2134)	2	Rod
<i>flgF</i> (VC2196)	1	
<i>hubP</i> (VC0998)	1	Polar localization
<i>cdgG</i> (VC0900)	1	c-di-GMP signaling
<i>rocS</i> (VC0653)	1	
VCA0106	1	Hypothetical
VC1329	1	Opacity related protein (D-galactose or D-glucose ABC transporter, permease protein/ hypothetical
BAH11101.1	1	Probably in a mobile element (prophage)
O3Y_07040	1	Probably in a mobile element (prophage)