

**Table S1.** Assay performance of the optimized screening method as defined by Z', S/N and S/B values for six independent 96-microtiter plate analyses (n=6). Quercetin and azithromycin were used in each plate as the anti-QS and bactericidal controls, respectively.

<b>Resorufin</b>	<b>i</b>	<b>ii</b>	<b>iii</b>	<b>iv</b>	<b>v</b>	<b>vi</b>	<b>n=6</b>	<b>Avg.</b>	<b>SD</b>
<b>Z'</b>	0.77	0.72	0.83	0.77	0.82	0.79	<b>Z'</b>	0.78	0.04
<b>S/N</b>	15.42	13.07	19.96	15.42	19.42	19.73	<b>S/N</b>	17.17	2.91
<b>S/B</b>	8.42	6.27	8.79	8.42	8.03	6.07	<b>S/B</b>	7.67	1.19
<b>Violacein</b>	<b>i</b>	<b>ii</b>	<b>iii</b>	<b>iv</b>	<b>v</b>	<b>vi</b>	<b>n=6</b>	<b>Avg.</b>	<b>SD</b>
<b>Z'</b>	0.70	0.70	0.68	0.61	0.66	0.70	<b>Z'</b>	0.68	0.04
<b>S/N</b>	13.95	10.37	9.90	8.00	8.95	13.95	<b>S/N</b>	10.85	2.54
<b>S/B</b>	12.06	19.20	11.59	15.16	17.67	12.06	<b>S/B</b>	14.63	3.25