

A

Spot assay results showing growth of *WT* and $\Delta ybeX$ strains under various conditions. The assay is performed in a 5x5 grid of spots, with the first row representing the starting concentration and subsequent rows representing a 10-fold dilution series. The conditions tested are: LB, LB + MgCl₂, and SOB (all at 37°C); and No AB, 42°C, Chloramphenicol, Erythromycin, and Tetracycline (all at 42°C). The $\Delta ybeX$ strain shows growth defects in LB and LB + MgCl₂ at 37°C, and in No AB, 42°C, Chloramphenicol, Erythromycin, and Tetracycline. The *WT* strain shows growth in all conditions.

Strain	Condition	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁴	10 ⁻⁵
LB	<i>WT</i>	+	+	+	+	+
	$\Delta ybeX$	+	+	+	+	+
LB + MgCl ₂	<i>WT</i>	+	+	+	+	+
	$\Delta ybeX$	+	+	+	+	+
SOB	<i>WT</i>	+	+	+	+	+
	$\Delta ybeX$	+	+	+	+	+
No AB, 37°C	<i>WT</i>	+	+	+	+	+
	$\Delta ybeX$	+	+	+	+	+
No AB, 42°C	<i>WT</i>	+	+	+	+	+
	$\Delta ybeX$	+	+	+	+	+
Chloramphenicol	<i>WT</i>	+	+	+	+	+
	$\Delta ybeX$	+	+	+	+	+
Erythromycin	<i>WT</i>	+	+	+	+	+
	$\Delta ybeX$	+	+	+	+	+
Tetracycline	<i>WT</i>	+	+	+	+	+
	$\Delta ybeX$	+	+	+	+	+

[illegible]