



Antibiotic Resistance: The Mechanisms of Efflux Pumps

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Background

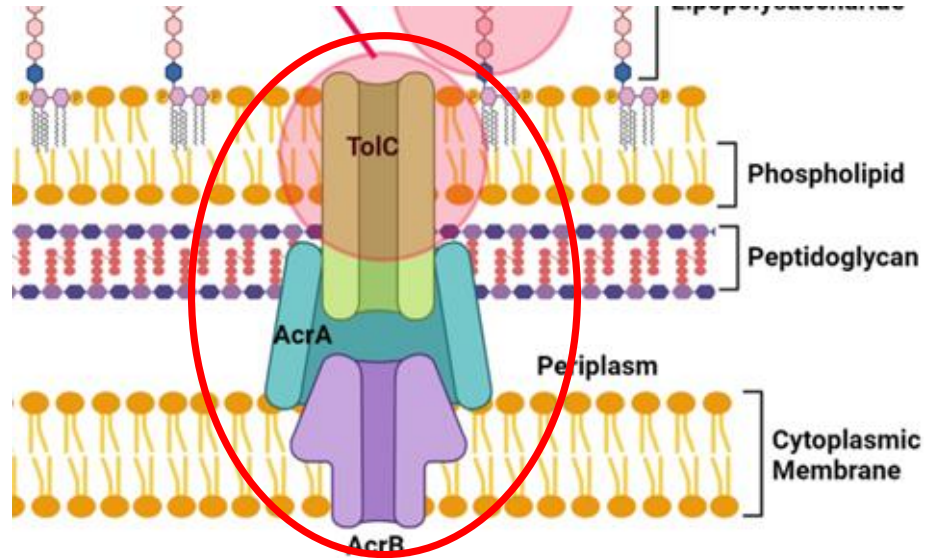
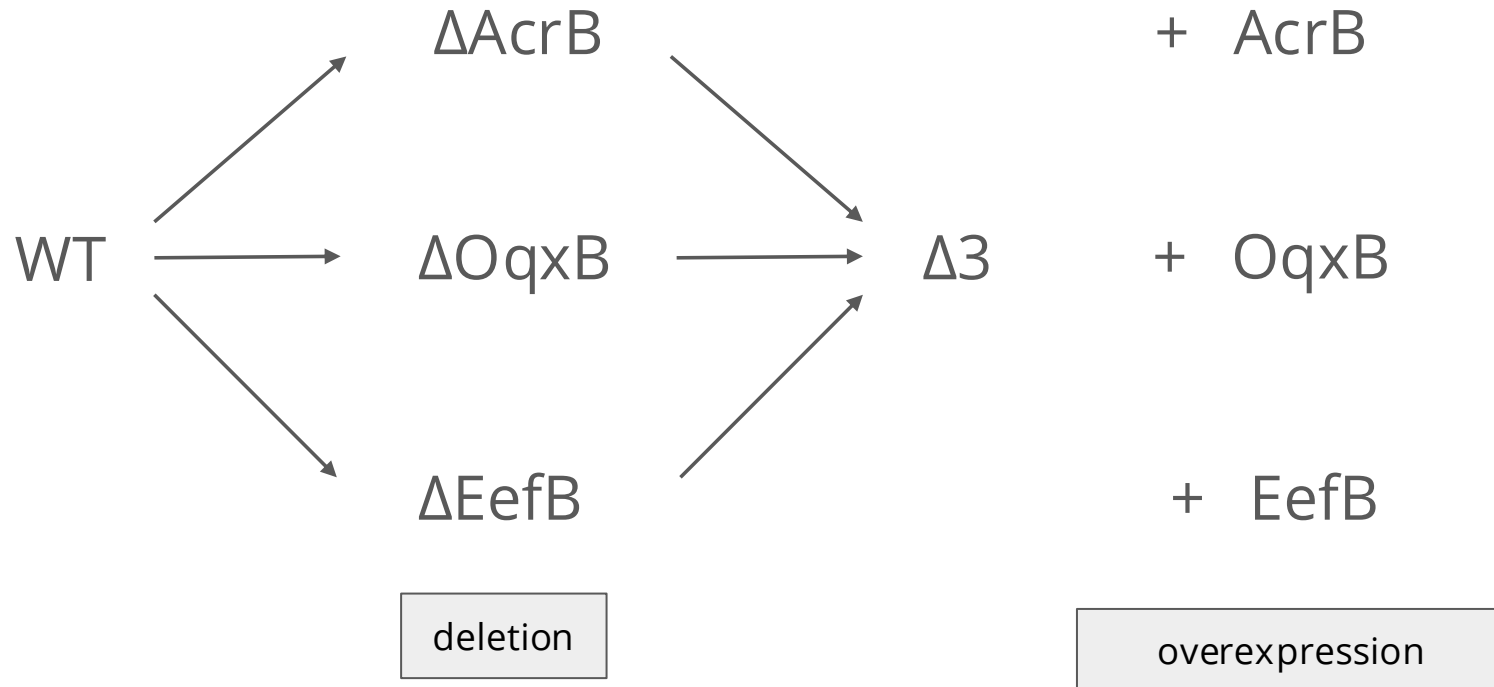


Fig 3: Structure of Klebsiella Pneumoniae

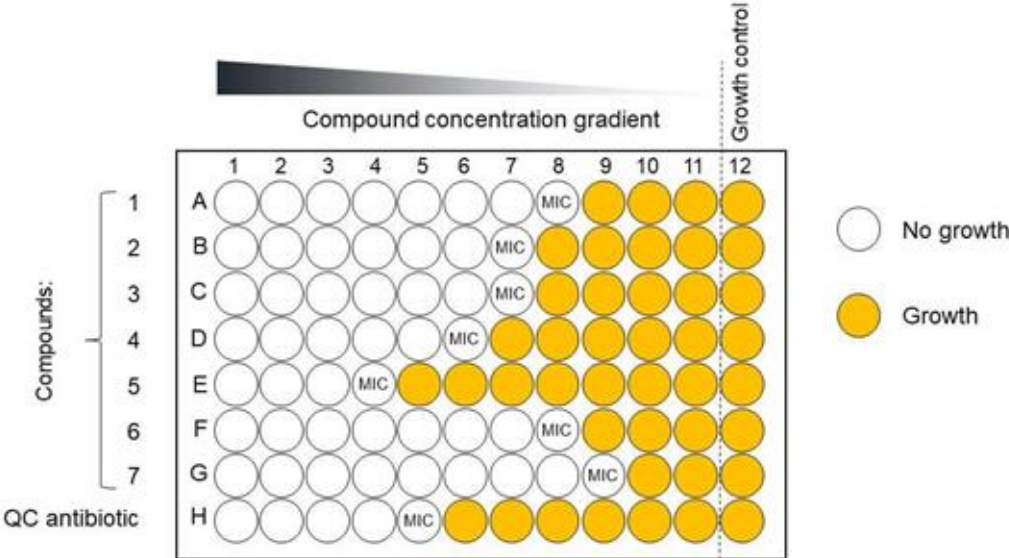


Methods





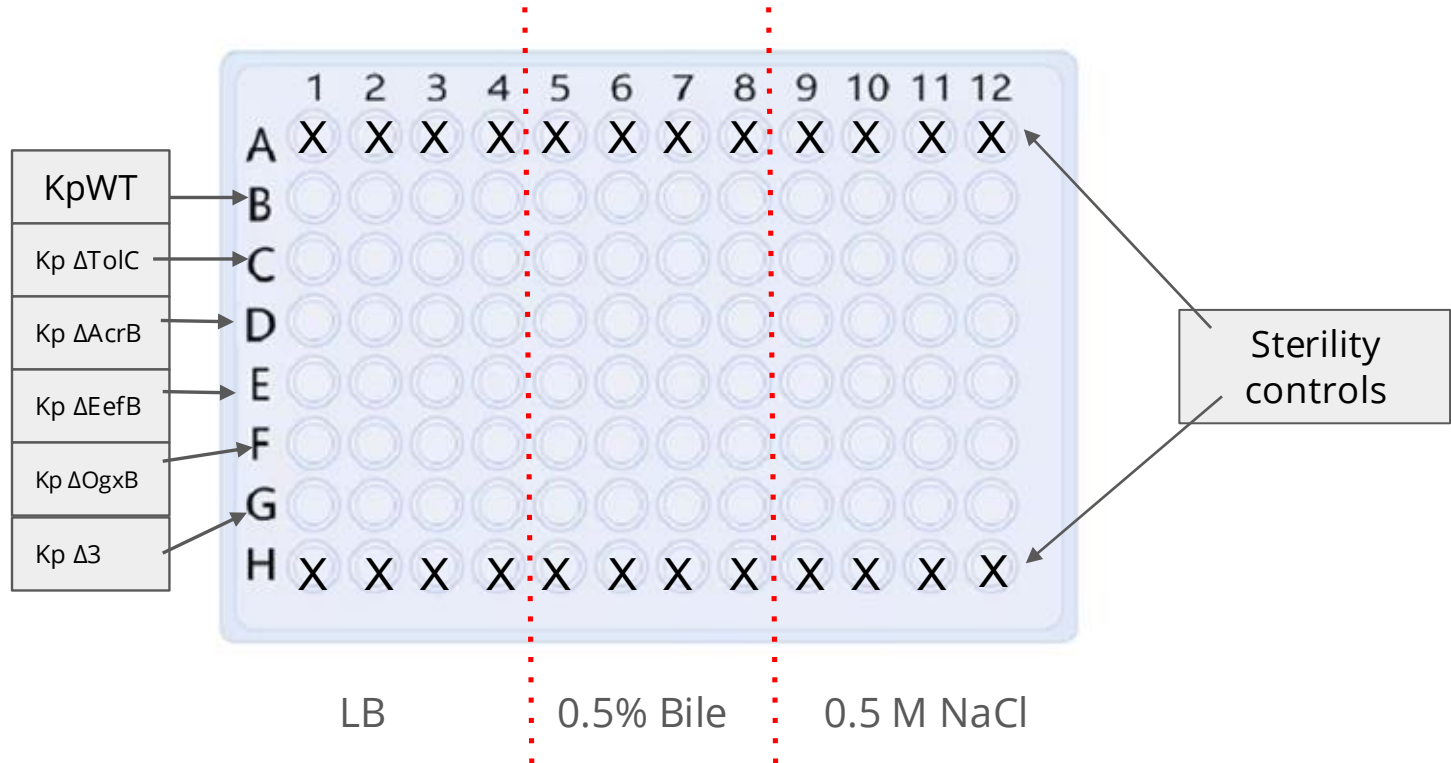
MIC



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Stress Test



*LB: Lysogeny Broth



Goals for Research

- Analyze how *Klebsiella Pneumoniae* behaves under different stress conditions
- Determine effects of deletion and overexpression
- Investigate the permeability effect through kinetic analysis
- Create effective bacterial growth curves





Questions?