

Macrolide Structures Can Confer Differential Susceptibility in *Escherichia coli* K30 Deletions of Group 1 Capsule Assembly Genes

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SUPPLEMENTAL MATERIAL

Fig S1. Graph summary of average inhibition zones of WT (E69), CWG281 (Δwza), CWG285 (Δwzc), and CWG 655 ($\Delta wza-wzb-wzc$) to new and old erythromycin, clarithromycin, telithromycin and azithromycin via disc diffusion assay on hand poured plates. These data were obtained from preliminary trials using hand poured plates with slightly different agar thickness in each plate. Old erythromycin were leftover discs from previous years, and new erythromycin are purchased this year along with other macrolide discs used. The general susceptibility trends are comparable to that observed in the automated dispenser poured plates. Some key differences include: CWG655 ($\Delta wza-wzb-wzc$) showed a small zone of inhibition around clarithromycin plates, CWG285 (Δwzc) is more susceptible to telithromycin than other mutants, and CWG285 is more resistant to azithromycin compared to CWG655.

