Gavage 103 Sources of C57BL/6 mice: spores 1. Schloss Lab Colony at C. difficile 630 University of Michigan 2. Young Lab Colony at University of Michigan 3. The <u>Jackson</u> Laboratory Day Dav Day 4. Charles River Laboratories -1 Weigh mice and collect feces daily for C. difficile CFU 5. Taconic Biosciences quantification & 16S rRNA sequencing 6. Envigo Clindamycin ΙP $B_{1 \times 10^{+9}}$ Schloss Young $1\times10^{+8}$ Jackson Charles River $1 \times 10^{+7}$ Taconic Envigo $1 \times 10^{+4}$ $1 \times 10^{+3}$ $1 \times 10^{+2}$ Days Post-Infection 2 Weight Change (g) Schloss Young Jackson Charles River Taconic Envigo Days Post-Infection