

Additional data file 5.

Figure below shows the overview of high-throughput data evidence for *C. difficile* pathways. Significantly differentially expressed genes from microarray experiments and proteome sequencing were overlaid onto cellular pathways of *C. difficile* 630. Line colors denote different comparisons and data sources as per the following scheme: Blue = reactions and transporters predicted by pathologic, but were not mapped to any of the experimental data. Color legends are as follows; Red = pathways and transport functions shared with other pathogenic clostridia. Orange = pathways and reactions corresponding to antibiotic stress, Green = pathways and reactions corresponding to pH shift, Pink = pathways and reactions changing during Caco-2 cell infection, Dark brown = pathways and reactions corresponding to aerobic shift, Light green = pathways and reactions changing during heat shock, Yellow = pathways and reactions detected from sequencing *C. difficile* 630 membrane proteins, Greenish brown = pathways and reactions detected from sequencing *C. difficile* 630 spore proteins.

