



Supplementary Fig 3. Competitive Indices \pm Standard Deviations for *S. marcescens* UMH9 in the kidney following murine tail vein injection cochallenges. Fitness gene mutants were competed with wild-type *S. marcescens* in a TVI murine bacteremia model. Mice were sacrificed and bacteria were enumerated by CFU from kidney homogenates 24 h after inoculation (Table 5). Bars represent the mean of log-transformed competitive indices \pm standard deviation. False discovery rates resulting in q values of <0.05 are indicated by an asterisk.