Additional data file 5. G54 wildtype, TIGR4 wildtype and isogenic mutant growth in EMEM without L-glutamine and supplemented with 7% fetabl bovine serum. At predetermined time points over a 3-h incubation period, culture was plated for enumeration. The error bars indicate SD between three replicate experiments. A) Growth of wildtype strains G54 and TIGR4Z5. P value as determined by t-test at 120 min; B) Growth of wild type strain TIGR4Z5 and its isogenic mutants.