



FIG S2. A targetron insertion in *CD0311* in the JIR8094 strain background leads to a heat resistance defect. (A) Phase contrast microscopy of sporulating cells of wild type JIR8094, *spo0A::ermB* (*spo0A*⁻), and *gerG::ermB* (*gerG*⁻). *spo0A*⁻ cannot initiate sporulation (14). Phase-bright spores are visible in both wild type and *gerG*⁻ (white triangles). H.R. represents the average heat-resistance of each strain relative to wild type as determined from three biological replicates. The standard deviation is shown. Statistical significance relative to wild type was determined using one-way ANOVA and Tukey's test. Scale bars represent 5 μ m. (B) Western blot analysis of GerG and the Spo0A loading control (11) in sporulating cells of the indicated strains.