



Figure S1. Validation of endogenously HA-tagged GRA85–88 strains in the RH background. PCR analysis confirming successful tagging of GRAs with a C-terminal 6×HA epitope. PCR1 detects the insertion of the HA tag near the stop codon of each *gra* gene. PCR2 verifies correct integration by amplifying the 3' region replaced by the HA tag.