



FIGURE S1 : Frequency of essential gene markers produced by ARTS to indicate said gene being a resistance factor or resistant target. Each point is an identified essential gene, with three or more markers, observed in at least one termite-associated bacterial genome. The y axis is the frequency of how often that marker is positive in that specific essential gene across all genomes in which the essential gene was identified. Both axes have been jittered to improve visualization. “FGT” denotes that strains are fungus-growing termite-associated, and “free” indicates that strains are closely related soil-dwelling free-living bacteria.