



Supplemental Figure S1: GC-FID confirmation of casbene production. Extracts from *E. coli* and *M. extorquens* casbene sample chromatograms are compared to a positive sample. The *E. coli* samples from the constitutive promoter when compared to a casbene standard (2) show success of the system at retention time of 9.35. (1), Geranylgeraniol, product of unspecific phosphatase activity from geranylgeranyl diphosphate.