

Supplemental Information for:

### **A third class: Functional gibberellin biosynthetic operon in beta-proteobacteria**

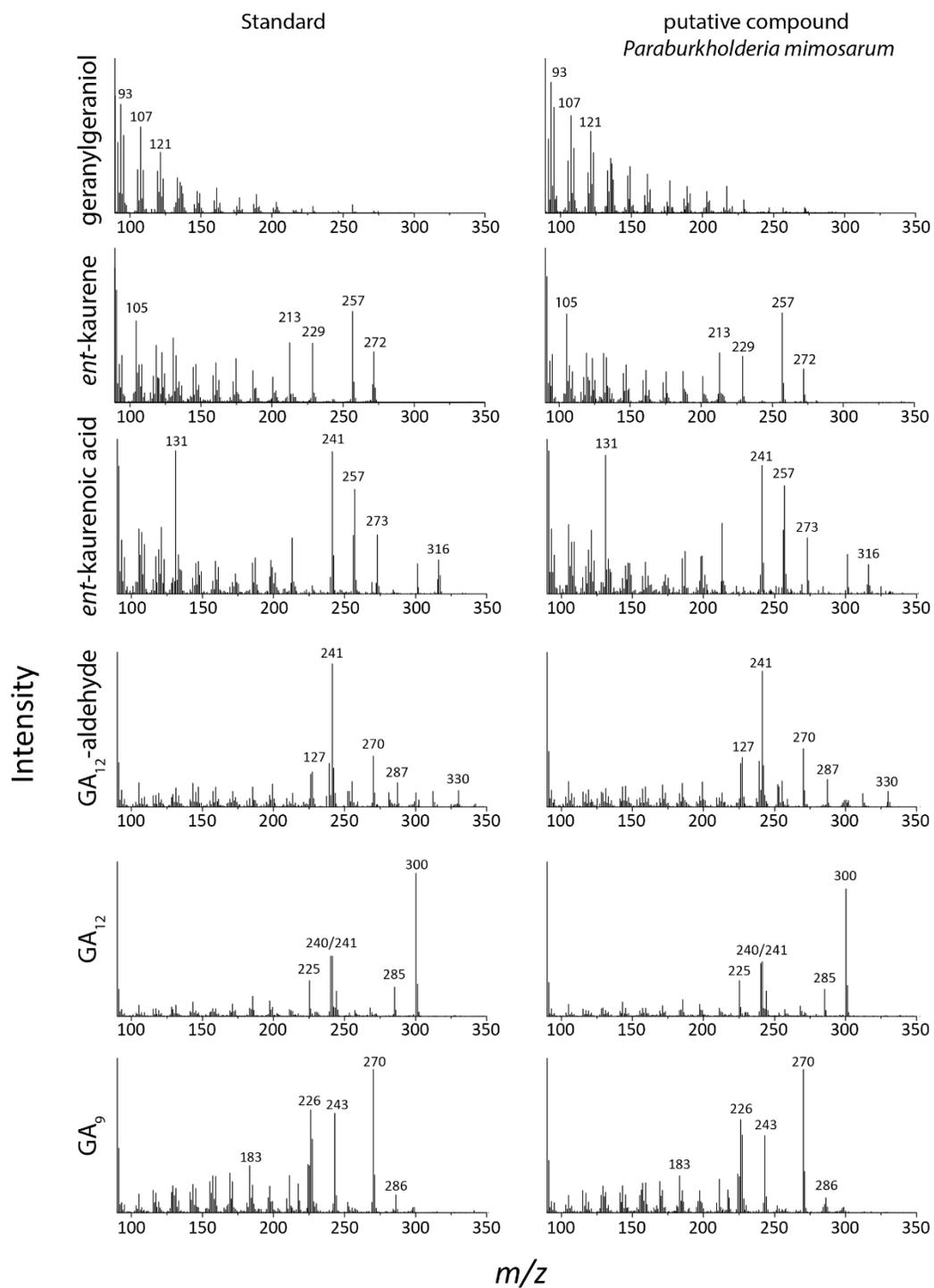
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Supplemental Table S1: Primer used for cloning of genes.

<b>Primer name</b>	<b>Primer Sequence</b>
IDS for	CACC ATG CAT TCC GAA CCC ACG ATG CAC
IDS rev	CTA ACG CAG ACA CGT GGC AGC C
CPS for	CACC ATG CAA TCA CTT CCC GAG CAA ATA CTC AGC
CPS rev	TTA CCG CGC CTC CCC CGG G
synthetic CPS for	CACC ATG CAG AGC CTG CCG GAA CAA ATT C
synthetic CPS rev	TTA ACG TGC TTC ACC AGG ATC ATC GG
KS for	CACC ATG CAG GCG GAA CGC GC
KS rev	TTA ACC CGT TGG CCT CCA CGA ATT CC
CYP117 for	CACC ATG AAC CTG CTG CTC AAT CCG TTC G
CYP117 rev	TCA CGA GAA GCC TAT ACG GAT GGC G
CYP114 for	CACC ATG GAG ATG CAC GAC ACT AAT TCA GAA TGT CAG G
Fd artificial stop rev	TCA AGT CGC CTC ATC GTC TGC GC
SDR rev	TTA CAC CGG CCT GGT AGC GGA TG
CYP112 for	CACC ATG CCT GAA GAA CAT CTG CCG ACG
CYP112 rev	TCA CCA GAG CAC AAG GAA TTC CTC GAA G

Supplemental Figure S1



Supplemental Figure S1: Mass spectra from GC-chromatograms. Mass spectra of indicated peaks in Figure 2, 3, 4 and 5, with comparison to that of the corresponding authentic standards to confirm their identity.

