Figure S1. Phylogenetic tree of the KS domains of *B. dothidea* PG45, *B. kuwatsukai* PG2 and well-characterized PKS proteins. Red and green fond indicates *B. dothidea* PG45 and *B. kuwatsukai* PG2 specific genes determined by BDBHs respectively. Accession numbers for well-characterized PKS proteins were referred to Table S1 (Noar and Daub 2016).
Figure S2. Phylogenetic tree of the type IV siderophore C domains of *B. dothidea* PG45 and *B. kuwatsukai* PG2. Different colors indicate six repeated C domains of siderophore.
Figure S3. Phylogenetic tree of CE1 and AA7 family of *B. dothidea* PG45 and *B. kuwatsukai* PG2. Red and green fond indicates *B. dothidea* PG45 and *B. kuwatsukai* PG2 specific genes determined by BDBHs respectively.
Figure S4. Venn diagram of known domains of effectors between *B. dothidea* and *B. kuwatsukai*. Domains were identified by PFAM.