

Description of Additional Supplementary Files

Supplementary Data 1: The comparison of metabolite pools between *Mr. extorquens* strains of AM1PTR and AM1WT grown on 10 mM methanol. Each sample had three biological replicates. Significance was analyzed using a two-tailed t-test analysis.

Supplementary Data 2: The comparison of transcriptional levels of genes involved in the central methyotrophic pathways between *Mr. extorquens* strains of AM1PTR and AM1WT grown on 10 mM methanol. Each sample had three biological replicates with five technical repeats. Significance was analyzed using a two-tailed t-test analysis.

Supplementary Data 3: Primers used in this study.