

Table S1: Breakdown of select genes and corresponding KEGG ID analyzed.

KEGG IDs	Gene Name
K00929	Butyrate Kinase
K01034	Acetate CoA subunit A
K01035	Acetate CoA subunit B
K01908	Propionyl-CoA Synthetase
K01895	Acetyl-CoA Synthetase
K00932	Propionate Kinase
K19697	Propionate Kinase
K18372	Methyl Acetate Hydrolase
K00467	Lactate 2-Monooxygenase
K00156	Pyruvate Dehydrogenase
K00925	Acetate Kinase
K01512	Acylphosphatase
K01067	Acetyl-CoA Hydrolase
K18118	Succinyl-CoA:Acetate
K01026	Propionate CoA-Transferase
K01905	Acetate—CoA Ligase subunit A
K22224	Acetate—CoA Ligase subunit B
K01895	Acetyl-CoA Synthetase
K00128	Aldehyde Dehydrogenase
K14085	Aldehyde Dehydrogenase Family 7
K00149	Aldehyde Dehydrogenase Family 9
K00138	Aldehyde Dehydrogenase