

Table S2. Carbon source oxidation patterns determined using the GENIII MicroPlate system for strains IMCC44359^T, IMCC44632^T, IMCC44653, *A. marina* KCTC 42667^T, and *A. coralliicola* KCTC 72442^T

Strains: 1, IMCC44359^T; 2, IMCC44632^T; 3, IMCC44653; 4, *A. marina* KCTC 42667^T; 5, *A. coralliicola* KCTC 72442^T. All data are from this study. +, positive; –, negative.

Oxidation of carbons	1	2	3	4	5
Dextrin	–	–	–	–	–
D-Maltose	–	–	–	–	–
D-Trehalose	–	–	–	–	–
D-Cellobiose	–	–	–	–	–
Gentiobiose	–	–	–	–	+
Sucrose	–	–	–	–	+
D-Turanose	–	–	–	–	–
Stachyose	–	–	–	–	–
D-Raffinose	–	–	–	–	–
α -D-Lactose	–	–	–	–	–
D-Melibiose	–	–	–	–	–
β -Methyl-D-glucoside	–	–	–	–	–
D-Salicin	–	–	–	–	–
N-Acetyl-D-glucosamine	–	–	–	–	+
N-Acetyl- β -D-mannosamine	–	–	–	–	+
N-Acetyl-D-galactosamine	–	–	–	–	–
N-Acetyl neuraminic acid	–	–	–	–	–
α -D-Glucose	–	–	–	–	–
D-Mannose	–	–	–	–	–
D-Fructose	–	–	–	–	–
D-Galactose	–	–	–	–	–
3-Methyl-D-glucose	–	–	–	–	–
D-Fucose	–	–	–	–	+
L-Fucose	–	–	–	–	+
L-Rhamnose	–	–	–	–	–
Inosine	–	–	–	–	–
D-Sorbitol	–	–	–	–	–
D-Mannitol	–	–	–	–	–
D-Arabitol	–	–	–	–	–
myo-Inositol	–	–	–	–	–
Glycerol	–	–	–	–	–

D-Glucose-6-phosphate	-	-	-	-	-
D-Fructose-6-phosphate	-	-	-	-	-
D-Aspartic acid	-	-	-	-	-
D-Serine	-	-	-	-	-
Gelatin	-	-	-	-	-
Glycyl-L-proline	-	-	-	-	-
L-Alanine	-	-	-	-	-
L-Arginine	-	-	-	-	-
L-Aspartic acid	-	-	-	-	-
L-Glutamic acid	-	-	-	-	-
L-Histidine	+	-	-	-	-
L-Pyroglutamic acid	-	-	-	-	-
L-Serine	+	-	-	-	-
Pectin	-	-	-	-	-
D-Galacturonic acid	-	-	-	-	-
L-Galactonic acid lactone	-	-	-	-	-
D-Gluconic acid	-	-	-	-	-
D-Glucuronic acid	-	-	-	-	-
Glucuronamide	+	+	+	+	+
Mucic acid	-	-	-	-	-
Quinic acid	-	-	-	-	-
D-Saccharic acid	-	-	-	-	-
p-Hydroxy phenylacetic acid	-	-	-	-	-
Methyl pyruvate	-	-	-	-	-
D-Lactic acid methyl ester	-	-	-	-	-
L-Lactic acid	-	-	-	-	-
Citric acid	-	-	-	-	-
α -Ketoglutaric acid	-	-	-	-	-
D-Malic acid	-	+	-	+	+
L-Malic acid	+	+	+	+	+
Bromo-succinic acid	-	+	-	+	-
Tween 40	-	-	-	-	-
γ -Amino-butyric acid	-	-	-	-	-
α -Hydroxybutyric acid	-	-	-	-	-
β -Hydroxy-D,L-butyric acid	-	-	-	-	-
α -Ketobutyric acid	-	-	-	-	-
Acetoacetic acid	+	-	-	-	+
Propionic acid	-	-	-	-	-
Acetic acid	-	-	-	-	-
Formic acid	-	-	-	-	-
