

Table S4. Utilization of carbon sources to produce acids by M16.

Carbon sources	Results	Carbon sources	Results
Control	-	Esculin	+
Glycerol	+	Salicin	+
Erythritol	-	Cellobiose	+
D-arabinose	+	Maltose	+
L-arabinose	+	Lactose	+
D-ribose	+	Melibiose	-
D-xylose	+	Sucrose	-
L-xylose	-	Trehalose	+
D-adonitol	-	Inulin	-
Methyl- β -D-xylopyranoside	-	Melezitose	-
D-galactose	+	Raffinose	-
D-glucose	+	Starch	-
D-fructose	+	Glycogen	-
D-mannose	+	Xylitol	-
L-sorbose	+	Gentiobiose	-
L-rhamnose	+	Turanose	-
Dulcitol	-	D-lyxose	-
Inositol	-	D-tagatose	-
D-mannitol	+	D-fucose	-
D-sorbitol	+	L-fucose	+
Methyl α -D-mannopyranoside	-	D-arabitol	-
Methyl α -D-glucopyranoside	-	L-arabitol	-
N-acetyl-glucosamine	+	Gluconate	-
Amygdalin	-	2-Ketogluconate	-
Arbutin	+	5-Ketogluconate	-

“+” means positive reaction, “-” means negative reaction.