

TABLE S1. Cultural characteristics of *M. plutonius* and the culture variants under anaerobic conditions.

Medium	Results for ^a		
	<i>M. plutonius</i> ATCC 35311 (typical)	Culture variants from ATCC 35311	Atypical <i>M. plutonius</i> ^b
Medium 1 (1% yeast extract, 1% glucose, 1% starch, 0.1M KH ₂ PO ₄ , 1.5% agar, pH 6.6)	+ ^v	+ ^v	+
Medium 6 (Medium 1, in which KH ₂ PO ₄ is replaced with 0.1 M NaH ₂ PO ₄)	–	+ ^v	+ ^w or +
KSBHI agar (BHI agar supplemented with 0.15M KH ₂ PO ₄ and 1% starch)	+	+	+
BHI agar (Brain heart infusion agar)	–	+	+ ^v

^a For cultural characterization, bacteria were cultured on various media at 35-37°C for a week under anaerobic conditions using the Anaero Pack System (Mitsubishi Gas Chemical Co., Inc., Tokyo, Japan). The growth of ATCC 35311 cultured on KSBHI agar was scored as +. Compared to this growth, more vigorous and weaker growth was scored as +^v and +^w, respectively. No growth or only trace levels of growth was scored as –.

^b Data from reference 5.