**Table S1. Culture medium used to detect IOLA**

|  |  |  |
| --- | --- | --- |
| State (agar conc.) |  Medium  | Purchased from |
| Agar plate (1.5 %) | Brain Heart Infusion | Becton, Dickinson and Company |
|   | Mueller Hinton Broth | Becton, Dickinson and Company |
|   | Mycobacteria 7H11 Agar | Becton, Dickinson and Company |
|   | Brucella HK Agar | Kyokuto Pharmaceutical Industrial Co. ltd. |
|   | Nutrient Agar | Nissui Pharmaceutical Industrial Co. ltd. |
|   | Sheep Blood Agar  | Nissui Pharmaceutical Industrial Co. ltd. |
|   | GAM Broth | Nissui Pharmaceutical Industrial Co. ltd. |
|   | DNA Agar | Nissui Pharmaceutical Industrial Co. ltd. |
|   | RPMI 1640 medium (5% FCS) | Nissui Pharmaceutical Industrial Co. ltd. |
|   | Sabouraud Dextrose Agar | Eiken Chemical Co. ltd. |
|   | SCDLP Agar | Eiken Chemical Co. ltd. |
|   | WYO-α Agar | Eiken Chemical Co. ltd. |
| Semisolid (0.15 %) | GAM Semisolid | Nissui Pharmaceutical Industrial Co. ltd. |
| Liquid (0 %) | RPMI 1640 medium (10% FCS) | Nissui Pharmaceutical Industrial Co. ltd.  |
|   | FCS | Gibco® |

GAM; Gifu Anaerobic Medium, DNA; Deoxyribonucleic acid, RPMI; Roswell Park Memorial Institute, SCDLP; Soybean-Casein-Digest-Lecithin-Polysorbate80,

WYO; Wadowsky-Yee-Okuda, FCS; Fetal Calf Serum