



**Supplementary Fig. 4.** Responses of bacterial isolates to LOPAT (A) and GATTa (B) tests. (A) Responses of bacterial isolates to LOPAT tests. (a) Levan formation. (b) Oxidase production. (c) Pectolytic activity. (d) Arginine hydrolysis. (e) Tobacco hypersensitivity reaction. (f) Fluorescence on King's B medium. Responses of bacterial isolates to GATTa tests. (a) Gelatin hydrolysis. (b) Aesculin test. (c) Tyrosinase test. (d) Utilization of tartaric acid. LOPAT, levan production, oxidase reaction, pectolytic activity, arginine hydrolysis activity, and tobacco hypersensitivity; GATTa, gelatin and aesculine hydrolysis, tyrosinase activity, and tartrate acid metabolism