

**Figure S1.** (a) Schematic diagram of composting reactors for farmer compost, anaerobic compost and mixed compost; (b) Schematic diagram of composting reactors for aerobic compost; 1–temperature sensor; 2–Pile layer; 3–Air distribution layer; 4–Rotameter; 5–Air pump; 6–Air distributor.



Figure S2. Photo of composting reactors.