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Supplemental materials for

Bactericidal and virucidal mechanisms in the alkaline disinfection of compost using calcium lime and ash

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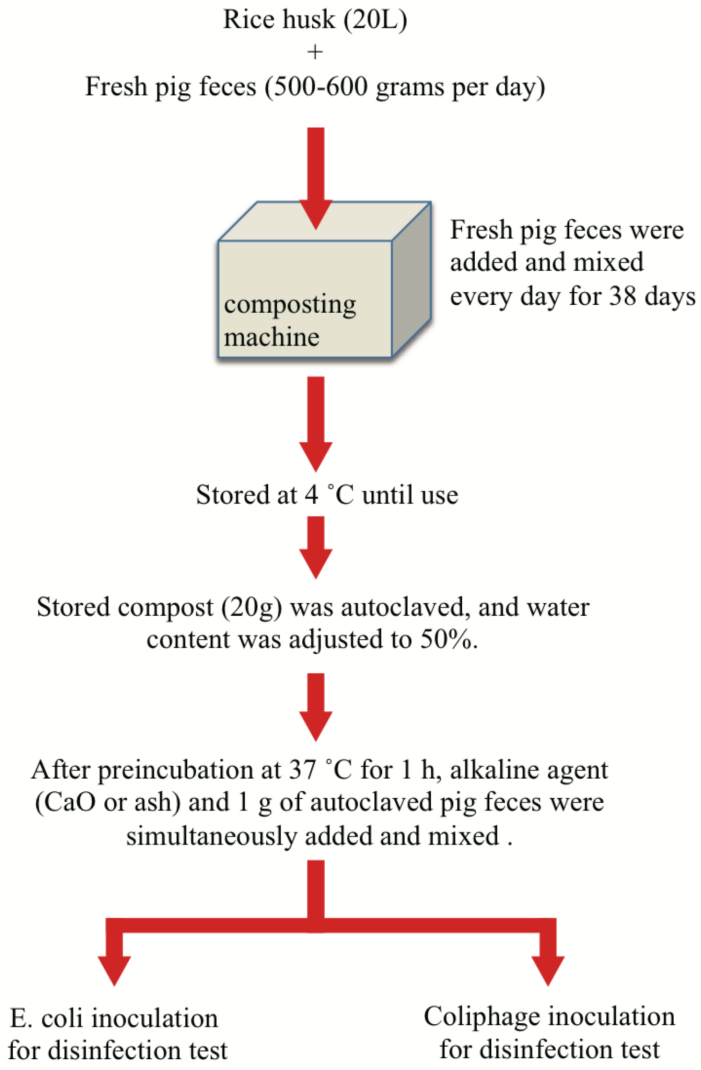
Table S1 Primers and probe used in this study (Blaise-Boisseau et al., 2010)

	Sequence (5' - 3')	location
Forward Primer	GCGAGCTTTTAGTACCCTTGATAGG	131 - 206
Reverse Primer	GTCTCACCGTCCGCGTAAAC	
Probe	VIC-CGAGACCTTCGTCCC-MGB	

Figure captions

Fig. S1. Experimental flow for the compost mixture preparaiton.

Fig. S1


Rice husk (20L)
+
Fresh pig feces (500-600 grams per day)
composting machine
Fresh pig feces were added and mixed every day for 38 days
Stored at 4 ˚C until use
Stored compost (20g) was autoclaved, and water content was adjusted to 50%.
After preincubation at 37 ˚C for 1 h, alkaline agent (CaO or ash) and 1 g of autoclaved pig feces were simultaneously added and mixed .
E. coli inoculation for disinfection test
Coliphage inoculation for disinfection test