

Table S1. Comparison of the genomic identities of strains FM7315^T and FM7330^T with those of their phylogenetically closely related species in the genus *Haloimpatiens* and the type species of the genus *Clostridium*, using AAI and POCP analysis. Strains: 1, *Haloimpatiens sporogenes* FM7315^T; 2, *Haloimpatiens myeolchijeotgali* FM7330^T; 3, *Haloimpatiens lingqiaonensis* KCTC 15321^T; 4, *Clostridium butyricum* DSM 10702^T

AAI or POCP value (%) for comparison genome of [†] :				
Strain	1	2	3	4
1		68.08	71.55	59.46
2	53.92		70.10	59.22
3	54.55	57.83		59.84
4	32.73	39.38	35.93	

[†] Average amino acid identity (AAI) values are shown in the half of top right of the table; Percentage of conserved proteins (POCP) values are shown in the half of bottom left of the table.