

Table S2. CRISPR spacer sequences found in the genomes of ATCC 11828, HL042PA3 and HL202PA1.

Strain	Ribotype	Spacer	Protospacer	BLAST result	Match found in
ATCC11828	RT2	1	CATCTGCCAACGAGCGAGAGTGGCGCGGTGTTC	No hits	
		2	CGAGGGCTACCACGTGGTCGATTTGGACTGTCTG	<i>Clostridium leptum</i> DSM 753, CLOLEP_00167, <i>Propionibacterium acnes</i> SK137, HMPREF0675_3193 (Domain of unknown function)	Locus 2
		3	CAGGCGCTCCACTCCCTCGCCCTGGCCACCAAC	No hits	
HL042PA3	RT6	1	CTGACTGGTTTGGGTCATACGTCTTCTGACACG	<i>Propionibacterium acnes</i> phage PA6 gp14 (tape measure protein) <i>Propionibacterium acnes</i> phage PAD20 gp14 (Tape measure protein) <i>Propionibacterium acnes</i> phage PAS50 gp14 (Tape measure protein)	
		2	TCACAGGCCACGCAGGCACATCACCTTATTAG	<i>Propionibacterium acnes</i> phage PA6 gp15 (Minor tail protein) <i>Propionibacterium acnes</i> phage PAD20 gp15 (Minor tail protein) <i>Propionibacterium acnes</i> phage PAS50 gp15 (Minor tail protein)	
		3	CTCCCCCTCCTCCCCGGGAGGAAAAGCAGACCA	<i>Propionibacterium acnes</i> phage PAS50 gp15 (Minor tail protein)	
		4	CGAGGGCTACCACGTGGTCGATTTGGACTGTCTG	<i>Clostridium leptum</i> DSM 753, CLOLEP_00167, <i>Propionibacterium acnes</i> SK137, HMPREF0675_3193 (Domain of unknown function)	Locus 2
HL202PA1	RT6	1	CGAGGGCTACCACGTGGTCGATTTGGACTGTCTG	<i>Clostridium leptum</i> DSM 753, CLOLEP_00167, <i>Propionibacterium acnes</i> SK137, HMPREF0675_3193 (Domain of unknown function)	Locus 2
		2	CAGGCGCTCCACTCCCTCGCCCTGGCCACCAAC	No hits	