

Table S11. Reference genome accession numbers for the *Paenibacillus* spp. strains used for phylogenetic comparisons

Accession number	Species and strain designation
GCF_004001025.1	<i>Paenibacillus amylolyticus</i> type strain NBRC 15957
GCF_003217495.1	<i>Paenibacillus barcinonensis</i> strain CECT 7022
GCF_004000925.1	<i>Paenibacillus illinoisensis</i> NBRC 15959
GCF_001514495.1	<i>Paenibacillus pabuli</i> NBRC 13638
GCF_013359905.1	<i>Paenibacillus taichungensis</i> strain DSM 19942
GCF_017874615.1	<i>Paenibacillus xylanexedens</i> strain DSM 21292
GCF_001280595.1	<i>Paenibacillus xylanivorans</i> strain A59

Note: BioProject information is provided with the genome assembly accession.