

**Table S1:** Primers and probe of the TaqMan® Real-Time PCR used in the present work

Oligo	Sequence 5' – 3'	Position
PL_FOR_76_19	GTTTCYTTCGGGAGACGC C	71-89*
PL_FOR_76_20	GTT TCT CTT CGG GAG ACG CC	70-89§
PL_REV-195	TGA CTT CTT CAT GCG AAG AAA C	181-202*
PL_PROBE	FAM - TAAGACCGGGATAACTTGCGGAAACGTG –BHQ1	134-158*

\*Numbering is from the sequence of *Paenibacillus larvae* ATCC 9545 (accession number: X60619)

§ Numbering is from the sequence of *Paenibacillus larvae* DSM7030 (accession number: AY530294)