

**Table S3:** 16S rRNA gene sequences from GenBank of Bacterial contaminants evaluated to design the TaqMan® Real-Time PCR primers and probe used in the present work

Hive Bacterial Contaminants	GenBank Accession Number of 16S rRNA gene sequences
Paenibacillus sp.	AM162298
Paenibacillus alvei	AY862508
Paenibacillus alvei	NR_042091
Paenibacillus thiaminolyticus	FJ538210
Bacillus kribbensis	NR_025169
Paenibacillus amylolyticus	AM237394
Paenibacillus azotofixans	AJ251192
Paenibacillus	EF381743
Bacillus thuringiensis	FJ686830
Bacillus cereus	FY686826
Bacillus fusiformis	AY548956
Lysinibacillus sphaericus	GU129144
Bacillus licheniformis	NR 074923.1
Bacillus subtilis	EF308641
Bacillus pumilus	AY548955
Bacillus megaterium	GQ911553
Bacillus circulans	GQ385067
Brevibacillus laterosporus	EU221377
Brevibacillus brevis	GQ375794
Paenibacillus apiarius	PAU49247
Enterococcus faecalis	FJ608830
Bacillus sphaericus	GU129144