

**S1 Table. Oligonucleotides used in this study**

A) To identify <i>L. lactis</i> NCDO712 plasmids (34)	
pLP712_FW	GCTTTAATGGCTGCTCCATC
pLP712_RV	AGCACACCCGGATGATAGTC
pSH73_FW	TTTCAGTAGAAGGCCAAACAAC
pSH73_RV	TGCAAATTTATCTACAAAGGCTTG
pSH72_FW	GCTTTTTCGTTGGTTTGCTC
pSH72_RV	GCCCAAAATAGTGGGTTAGTG
pSH71_FW	TTGGGATAGAGCGTTTTTGG
pSH71_RV	CGGGGGAAATAAAATGACAAAC
pSH74_FW	GGACCAGATGGTACTTTTGAAGCG
pLSH74_RV	GGTAAAGTCACTATTGATGGACAGCC
pNZ712_FW	CACTCTAGTTTCCTACCTTCGTTGCAAGC
pNZ712_RV	CCAGTGCTAATCCTCCGTATAAGTATAGC
B) For pilin operon cloning	
pilin <i>PstI</i> forw*	CCGctgcagTTTGCAACAGAACCGTAATTGATTAGC
pilin <i>XhoI</i> rev*	CGGctcgagTTAAGTAATTTGAATTACTTGCTTTGAGAGTTGT TTAAAGG

\*Indicated restriction enzyme sites are shown in lower case letters in the oligonucleotide sequence.