

S1 Table. Primers and restriction enzymes used for construction of the *tirS*-deleted strain.

Primer	5'–3' sequence	Restriction enzyme
tirS_6345-6364_F	ATAGGGATCCACTAAAATTCCGAAACCACA	BamHI
tirS_7246-7275_R	TCTACCGCGGATAATACCTCGCTTTTATA	SacII
tirS_8119-8151_F	ACGACCTAGGTAATAGTATTGGTTATCTACTTT	AvrII
tirS_9119-9148_R	AAATGGAATTCAACAGTTACTCCCGCTTCT	EcoRI
vG_CDS_1_R	AATCTCTTCATTTCTTTTGTATTTTTATCT	
vG_CDS_2_F	GATTATGGAAAAATTATTAATACTAAT	
vG_cat_1_R	GAAAGCAGACAAGTAAGCCTCCTAAA	
vG_cat_2_F	GAAAGAGAAAAAGCATTTTCAGGTA	
vG_H1_F	AACTTATAGTGATTGGGATATGCTA	
vG_H2_F	AGAATTAAATTCAATTAATGAATA	
vG_H3_F	GGAATTAAATGAAAAAAGCAGTGT	
vG_H4_F	ACTAATCTATTGAACGAACCCCATTA	
vG_H5_R	ACTATTTCATACTCATCAATCGAT	
vG_H6_R	TAATCCCTCTTTGCTTTTAAAGTAG	
vG_H7_R	TAATACCTCGCTTTTATAATCTT	
vG_H8_R	CTATAAGTTTCTTTTAAAAATATC	
IngDNA_F:	TACCTTGATCAATAAACTCATTTAATAAGTCTT	
IngDNA_R:	ATCTTCCATACTATCTTAGCAGATGATTTTAT	