

Supplementary information, Table S2 CRISPR-Cas and QS systems in the pathogen species^{1,#}

Species	CRISPR-Cas system presence			QS system presence
	Type I	Type II	Type III	
<i>Campylobacter concisus/curvus/fetus/homonis/rectus</i> *	+			+
<i>Campylobacter jejuni</i> *	+	+		+
<i>Corynebacterium diphtheriae</i>	+	+		
<i>Desulfovibrio vulgaris</i>	+			
<i>Enterococcus faecalis/faecium</i> *		+		+
<i>Erwinia amylovora</i> *	+			+
<i>Erwinia pyrifoliae</i> *	+			+
<i>Erwinia tasmaniensis</i> *	+			+
<i>Escherichia albertii/coli</i> *	+			+
<i>Francisella novicida/tularensis</i> *		+		+
<i>Lactobacillus rhamnosus</i> *		+		+
<i>Lactobacillus salivarius</i>		+	+	
<i>Legionella pneumophila</i> *		+		+
<i>Listeria monocytogenes</i> *	+	+		+
<i>Mycobacterium tuberculosis</i>			+	
<i>Mycoplasma gallisepticum</i>		+		
<i>Myxococcus xanthus</i>	+		+	
<i>Neisseria cinerea</i>		+	+	
<i>Neisseria gonorrhoeae</i>	+			
<i>Neisseria lactamica</i>	+	+		
<i>Neisseria meningitidis</i>		+		
<i>Neisseria mucosa</i>	+		+	
<i>Pasteurella multocida</i>	+	+		
<i>Propionibacterium acnes (type II)</i>	+			
<i>Pseudomonas aeruginosa</i> *	+			+
<i>Salmonella enterica</i> *	+			+
<i>Shigella dysenteriae</i> *	+			+
<i>Streptococcus agalactiae/dysgalactiae/equi</i>	+	+	+	
<i>Streptococcus gallolyticus</i>		+	+	
<i>Streptococcus gordonii</i> *		+	+	+
<i>Streptococcus mutans</i> *	+	+	+	+
<i>Streptococcus pyogenes</i> *	+	+	+	+
<i>Streptococcus sanguis</i> *	+	+	+	+
<i>Streptococcus thermophilus</i> *		+	+	+
<i>Sulfolobus solfataricus</i> *	+		+	+
<i>Treponema brennaborensis/saccharophilum</i>	+			
<i>Treponema denticola</i>		+		
<i>Treponema succinifaciens</i>			+	
<i>Yersinia pestis</i> *		+		+

This table is derived from Louwen et al.'s work¹ with modifications, * Pathogen species have both

CRISPR and quorum sensing systems.

References

1 Louwen R, Staals RH, Endtz HP, van Baarlen P, van der Oost J. The role of CRISPR-Cas systems in virulence of pathogenic bacteria. *Microbiology and molecular biology reviews : MMBR* 2014; **78**:74-88.