

S2 Table. Genes in this study

Gene Name	Gene ID in PN4595-T23	Gene ID in ATCC700669	Annotation
<i>tprA2</i>	CGSSp4595_1262	SPN23F_12750	Transcriptional regulator from TprA2/PhrA2 system
<i>phrA2</i>	CGSSp4595_1261	SPN23F_12740	Signaling peptide from TprA2/PhrA2 system
ABC transporter ATPase	CGSSp4595_1260	SPN23F_12730	ABC transporter ATPase, same transcript as PhrA2
ABC transporter permease	CGSSp4595_1259	SPN23F_12720	putative membrane protein
ABC transporter permease	CGSSp4595_1258	SPN23F_12710	putative ABC transporter, permease protein
<i>lcpA</i>	*	SPN23F_12701	Lanthionine-containing peptide
<i>lcpM</i>	CGSSp4595_1257	SPN23F_12700	predicted LcpA modifying enzyme
<i>lcpT</i>	CGSSp4595_1256	SPN23F_12690	predicted LcpA transporter
<i>tprA</i>	CGSSp4595_1947	SPN23F_19680	helix-turn-helix family protein
<i>phrA</i>	CGSSp4595_1948	SPN23F_19690	Signaling peptide from TprA/PhrA system
LanA associated with TprA	CGSSp4595_1949	SPN23F_19700	conserved hypothetical protein
LanA associated with TprA	CGSSp4595_1950	SPN23F_19710	Type II Lantibiotic-like peptide
LanM associated with TprA	CGSSp4595_1951	SPN23F_19720	Lantibiotic synthetase
conserved hypothetical protein	CGSSp4595_1952	SPN23F_19740	conserved hypothetical protein
toxin secretion ABC transporter ATP-binding/permease protein	CGSSp4595_1953	SPN23F_19750	toxin secretion ABC transporter ATP-binding/permease protein
LanT associated with TprA	CGSSp4595_1954	SPN23F_19750	Lantibiotic transporter

* not annotated in original genome submission