

Supporting Table S2: Primers used in this study

Primer	Sequence ^a	Application
D0299up-F	GGCGGGTACCGTGACGAGCAGCGCCGCTGCGCT	Δ <i>lcpB</i>
D0299up-R	GGCGTCTAGAGCGAGGTCGTGTGCGCCCCTGACGAG	Δ <i>lcpB</i>
D0299dn-F	GGCGTCTAGAGTCACGCTCGACGCCGACGCGGACAC	Δ <i>lcpB</i>
D0299dn-R	GGCGGAATTCAGCTCCTCAACCGCCTCGGGCAC	Δ <i>lcpB</i>
D1578up-F	GGCGGGTACCTCTCCTACGTCCTGGAGAAGACGA	Δ <i>lcpD</i>
D1578up-R	GGCGTCTAGAGCGATCATAGGGAACGAGACTGCTA	Δ <i>lcpD</i>
D1578dn-F	GGCGTCTAGAGGCCAACATCGGCGAGACGGTACTG	Δ <i>lcpD</i>
D1578dn-R	GGCGGAATTCGCGCAGATGTTGCGCACCCCTCACGT	Δ <i>lcpD</i>
eLcpA-F	TACTTCCAATCCAATGCAGCTCATCGCCCTGCACGCG	eLcpA
eLcpA-R	TTATCCACTTCCAATGTTACTAGGCGCCCGCTGGCC	eLcpA
LcpA-F	<u>GGATCCT</u> CGCCTCCTTCCAGTCTGACTGG	pLcpA
LcpA-R	<u>GAATTC</u> CCTCGGGGTCTCTCCGGCGAGTG	pLcpA
LcpA(R128A)-F	GCCGCCGATGTCATCGCCCTGGTACGC	SDM ^b LcpA
LcpA(R128A)-R	GGAACCCTCCACCTCCTGAGTG	SDM LcpA
LcpA(R149A)-F	GCGGACCTGACCATCAACAGCAAGG	SDM LcpA
LcpA(R149A)-R	GGGCAGGTTGATGATGGTGACTC	SDM LcpA
LcpA(R266A)-F	GCCAGCCAGTCCACGGCCACCGTG	SDM LcpA
LcpA(R266A)-R	GCGTTGGGCGCCATCGGCC	SDM LcpA
LcpA(C179A)-F	GCCACCGGGCTCGGAATCCCCAC	SDM LcpA
LcpA(C179A)-R	CAGGGCGTTGACCGTGTTCTGAGG	SDM LcpA
LcpA(C365A)-F	CGCACGGCCAGCGGGCGCCTAG	SDM LcpA
LcpA(C365A)-R	GTTTTGGGACTGTACCCATAGCGGGC	SDM LcpA
RT-lcpA-F	CGGCAGATGGGTGACCATGAGC	RT-PCR ^c
RT-lcpA-R	CAGTGCGGCCAGGTCGCTGAG	RT-PCR
rGspA-F	TACTTCCAATCCAATGCATCCCTCGCCTTCAAGATCGCCG	rGspA
rGspA-R	TTATCCACTTCCAATGTTACTTGCCGGAGGTGGAGGCCGC	rGspA

^a Restriction sites are underlined.

^b For site-directed mutagenesis

^c For reverse transcription polymerase chain reactions