Table S1. Oligonucleotide primers used in this study

Purpose	Primer	Sequence (5'-3')
Cloning *serR* gene in pNZ44	SerR-for	CTTCGACTGCAGCATGACATGTCAGGACGGAG
	SerR-rev	GTCCGTTCTAGACCATGCCAACTCTTAAATCTC
Cloning *serR* gene in pQE30	serR-p30F	GTCCGTAAGCTTCCATGCCAACTCTTAAATCTC
	serR-p30R	GTCCGTAAGCTTCCATGCCAACTCTTAAATCTC
Cloning *serR* C-terminal fragment in pQE30	serR-CterF	CTTCGCGGATCCCCGATTTGAACGGCATTG
	serR-CterR	GTCCGTAAGCTTCCATGCCAACTCTTAAATCTC
Primers for ser_{2003} upstream region amplification	Serpin-AF	GTTGCGGTTGCGCGCTTC
	Serpin-AR	CTGAGTGCTTGTGCAGCGTTC
	Serpin-BF	CTGCTCCGTCCTGACATGTC
	Serpin-BR	CACCCCTTCAGTGTGCCC
	Serpin-CF	GGAATCATCATCAATCCTTGAC
	Serpin-CR	GTCGGGCATGAGATACATTG
Cloning ser_{2003} promoter in pUC18	pUC-InterF	CTTCGAGAATTCGTTGCGGTTGCGCGCTTC
	pUC-InterR	CTGACTTCTAGACTGAGTGCTTGTGCACGGTTC
Site directed mutagenesis primers	Mut-1F	GCGCGCTTCTACCATTACATTCAACCCTTCAGTGTG
	Mut-1R	CACACTGAAGGGTTGAATGTAATGGTAGAAGCGCGC
	Mut-2F	GCTTCTCCCAGTACATTCACCCCGTCAGTGTGCC
	Mut-2R	GGCACACTGACGGGGTGAATGTACTGGGAGAAGC
	Mut-3F	CGCGCTTCTCCTATTACATTCACCTCTTCAGTGTGC
	Mut-3R	GCACACTGAAGAGGTGAATGTAATAGGAGAAGCGCG
	Mut-4F	CGCGCTTCTACCAGTACATTCAACCCGTCAGTGTGC
	Mut-4R	GCACACTGACGGGTTGAATGTACTGGTAGAAGCGCG
Cloning promoter region of ser_{2003} in pNZ272	pNZ272-InterF	CTGACTAGATCTCTGAGTGCTTGTGCACGGTTC
	pNZ272-InterF	CTGACTGAATGTGCTTGTGTCCTGACACGGTTC
Cloning of internal fragment of *serR* in pORI19	serRKOF	CTTCGACTGCAGGCTAATCGAGCGCATGTCCAG
	serRKOR	GTCAGTTCTAGACACAGTGGCCACGCTGATG

Cloning of internal fragment of *serU gene* in pORI19	serpinKOF	ATCGACCTGCAGCGCGAACTCGCTGTGGATC
	serpinKOR	CTGACTTCTAGACAACCCATTGCGTCCTCGC
Complementation of *ser*RK	serRKF	CCTGCATTCTAGACTGTTGAGCTTGCTGAGTG
	serRKR	CCTGCATGCGGCCGCGAAGTCGGTTGGGTGATCG
Complementation of *ser*RU	SerU-for	CCTGCATCTGCAGCGTCGCACAAAATAAGAGAGA
	SerU-rev	CTTCGATCTAGAGCGGCCGCGGCTATCAATCAAAGCAACAC
	p44F	CTACTCGCGGCCGCGGAGAAGGGACGATAGCATT
tetW gene amplification	tetWf	TCAGCTGTCGACATGCTCATGTACGGTAAG
	tetWr	GCGACGGTCGACCATTACCTTCTGAAACAT
qRT-PCR primers	sagA-RT-F	ACGATCCGGCAGTCTGTCTT
	sagA-RT-R	CAGCGTGCATTAGCTTCCAC
	Serpin-RT-F	GGCGATGGCAGCGTACTGGT
	Serpin-RT-R	ATGGCCAACGCCATCCACAT
rpnA	rnpA-F	GCATCGTTCTCATCGTTGG
rpnA	rnpA-R	CGCCTTACGAGCCACTTT
*atp*D	atpD-F	CGTATGCCTTCCGCCGTGGGTTAC
*atp*D	atpD-R	ACGTAGATGGCTTGCAGCGAGGTG
*tuf*A	tufA-F	AGACCACCACCGTCACCTCCATCG
*tuf*A	tufA-R	GCCAAGACCACGCAGCAGCAGAC
*rpo*B	rpoB-F	CACGATGGTGCTGCGACCTTCCC
*rpo*B	rpoB-R	GACCTGACGGATACGACGGTTGCC
ldh	ldH-F	GTGATGGGCGAGCATGGCGACTC
ldh	ldh-R	GGAGGCGAAGCGGTCTTGGTTGTC
uvrD/Rep	uvrD/Rep-F	TAACGCATTGCCTGGTATGA
uvrD/Rep	uvrD/Rep-R	TCCGCAAGTATACGGGTTTC
pdxS	pdxS-F	GATCAAGGGCATTCAGGAAG
pdxS	pdxS-R	CGAACTGGTTCTTGTCGATG
gluC	gluC-F	CTTCGCCACGAACTTCTTCT
gluC	gluC-R	GTTCTTGAGCAGTGCGATCA

[a] Underlined oligonucleotide sequences show artificial restriction enzyme sites introduced for cloning.