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Quercetin: a promising virulence inhibitor of *Pseudomonas aeruginosa* LasB *in vitro*

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Table S1 Primer sequences used for constructing gene-deficient mutants

Primers	Direction	Sequences (5'-3')
lasI-5F	Forward	CATCTACCAGACGCGAAAGCAGCAC
lasI-5R	Reverse	TACGATCATCTTCACTTCCTCCAAATAGGAAGCTG
lasI-3F	Forward	GTTTCATGACGGGGACCTGTCGGC
lasI-3R	Reverse	CTCAACGATAGCCAGGACTGGCACG
lasI-GmF	Forward	CAGCTTCCTATTTGGAGGAAGTGAAGATGATCGTA CATATGAATATCCTCCTTAGTTCCTATTC
lasI-GmR	Reverse	GCCGACAGGTCCCCGTCATGAAACGAGCTGCTTC GAAGTTCCTA
rhlI-5F	Forward	GAAGTCGAAGGGTTGCTGCGGATGC
rhlI-5R	Reverse	GTGTGAGGTCGTCAGCCGTTTCGC
rhlI-3F	Forward	TTCGATCATGACCAAGTCCCCGTGTCG
rhlI-3R	Reverse	GCTTCGATTACTACGCCTATGGCGTGC
rhlI-AprF	Forward	GCGAAACGGCTGACGACCTCACACGAGCTGCTTC GAAGTTCCTA
rhlI-AprF	Reverse	CGACACGGGGACTTGGTCATGATCGAACATATGAA TATCCTCCTTAGTTCCTATTC

Tables S2 Primer sequences used for conventional PCR

Genes	Direction	Sequences (5'-3')	Size of product (bp)
lasB	Forward	CAGCACCGACGACAGCAAGAC	274
	Reverse	CAGCGACACCAGCGGATAGAAC	
lasI	Forward	CGATGGTTATGACGCACTCAGTCC	331
	Reverse	GATCATCATCTTCTCCACGCCTACG	
lasR	Forward	AGGACAGCCAGGACTACGAGAAC	321
	Reverse	GCAGGACCGACTCCATGAAACG	
rhlI	Forward	AATTGCTCTCTGAATCGCTGGAAGG	269
	Reverse	GGTTTCGCTGCACAGGTAGGC	
rhlR	Forward	AACAATTTGCTCAGCGTGCTTTCC	241
	Reverse	AGATGCTCAGGATGATGGCGATTTC	

Table S3 Primer sequences used for RT-qPCR

Genes	Direction	Sequences (5'-3')
lasB	Forward	CGAAGCCATCACCGAAGTCAAGG
	Reverse	CAGCGATGTTGGCGACGAAATG
lasI	Forward	TGCGTGCTCAAGTGTTCAAGGAG
	Reverse	GGACTGAGTGCGTCATAACCATCG
lasR	Forward	GCTGGAACGCTCAAGTGGAAAATTG
	Reverse	TTCTCGTAGTCCTGGCTGTCCTTAG
rhlI	Forward	CTCTGAATCGCTGGAAGGGCTTTC
	Reverse	TTTGCGGATGGTCGAACTGGTC
rhlR	Forward	GAGCGATACCAGATGCAGAACTACG
	Reverse	TCCAGACCACCATTTCCGAGGAG
pqsA	Forward	GAAGTGAGCGAGGCGGTTCTG
	Reverse	CTGTTCGGCGAGATGCTGGTC
pqsR	Forward	TCGTTCTGCGATACGGTGAG
	Reverse	GCACTGGTTGAAGCGGGAG
16SrRNA	Forward	CTCTTCCTGGTCGGCGAAAAGC
	Reverse	GTTCGATACGCACCTGCCAGAG