

Supplementary Information

Attenuation of *Pseudomonas aeruginosa* Quorum Sensing by Natural Products: Virtual Screening, Evaluation and Biomolecular Interactions

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Table S1: Primers used in this study for qRT-PCR studies

Gene	Primers
lasI-5RT	CTA CAG CCT GCA GAA CGA CA
lasI-3RT	ATC TGG GTC TTG GCA TTG AG
lasR-5RT	ACG CTC AAG TGG AAA ATT GG
lasR-3RT	GTA GAT GGA CGG TTC CCA GA
rhlI-5RT	CTC TCT GAA TCG CTG GAA GG
rhlI-3RT	GAC GTC CTT GAG CAG GTA GG
rhlR-5RT	AGG AAT GAC GGA GGC TTT TT
rhlR-3RT	CCC GTA GTT CTG CAT CTG GT
proC- 5RT	GGC GTA TTT CTT CCT GCT GA
ProC- 3RT	CCT GCT CCA CTA GTG CTT CG

Table S2 Primers used for the LasR expression

Name	Bases
lasR-28a-5	TCATCATCATCACAGCAGCGGCCTGGTGCCGCGCGGCAGCATGGCCTTGGTTGACGG TTT
lasR-28a-3	CTTTGTTAGCAGCCGGATCTCAGTGGTGGTGGTGGTGTGTCAGAGAGTAATAAGAC CCAAATT

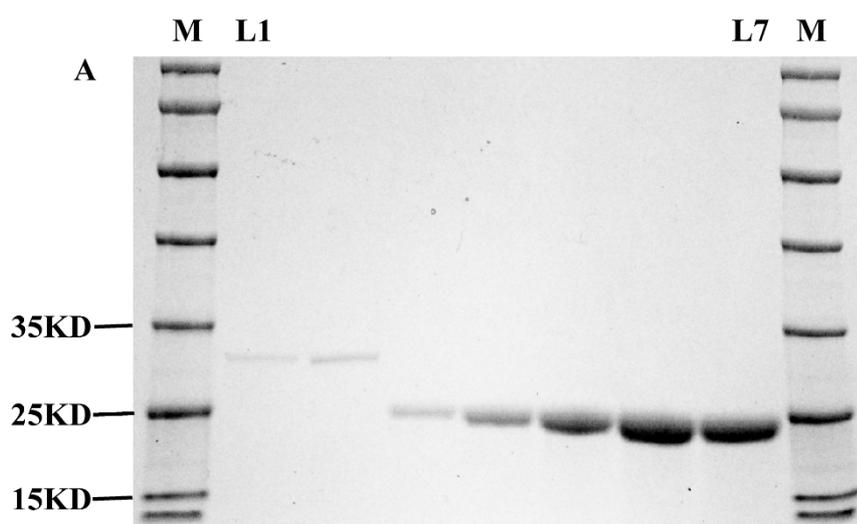


Figure S1: SDS-PAGE of purified protein for LBD (lane3-7) and (lane1-2) full length LasR.

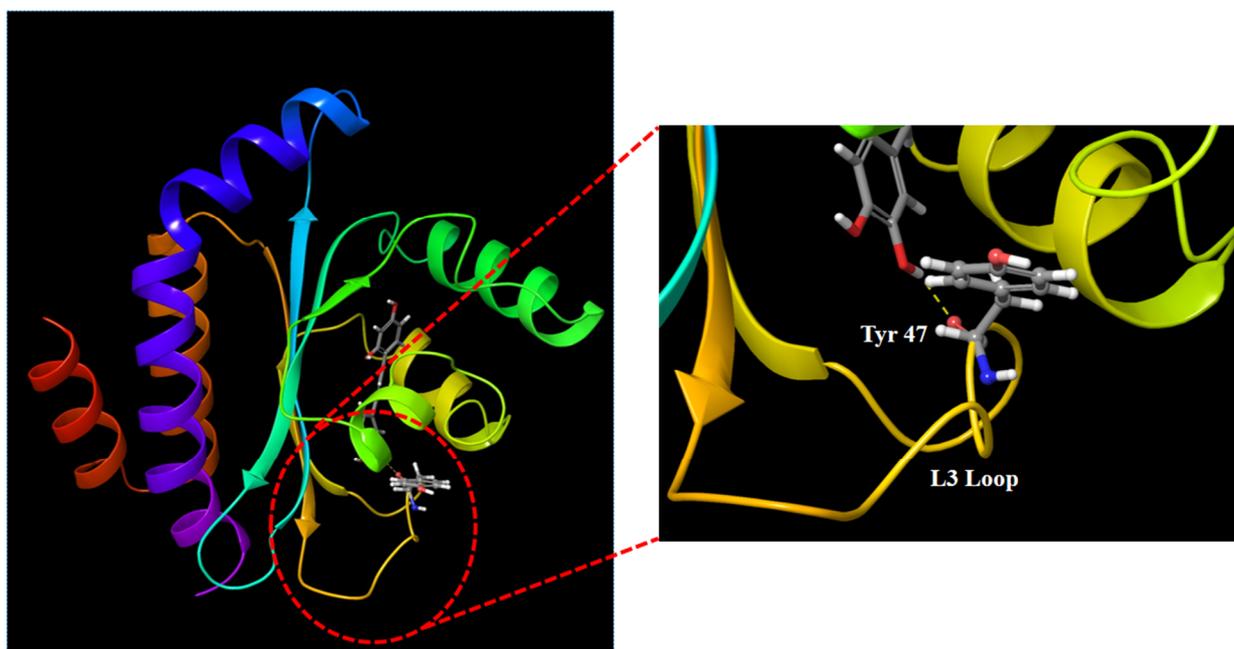


Figure S2: Interaction of B with LasR. Analysis showed that the bond length of hydroxyl group of B with carbonyl oxygen of Tyr 47 is 2.21Å.

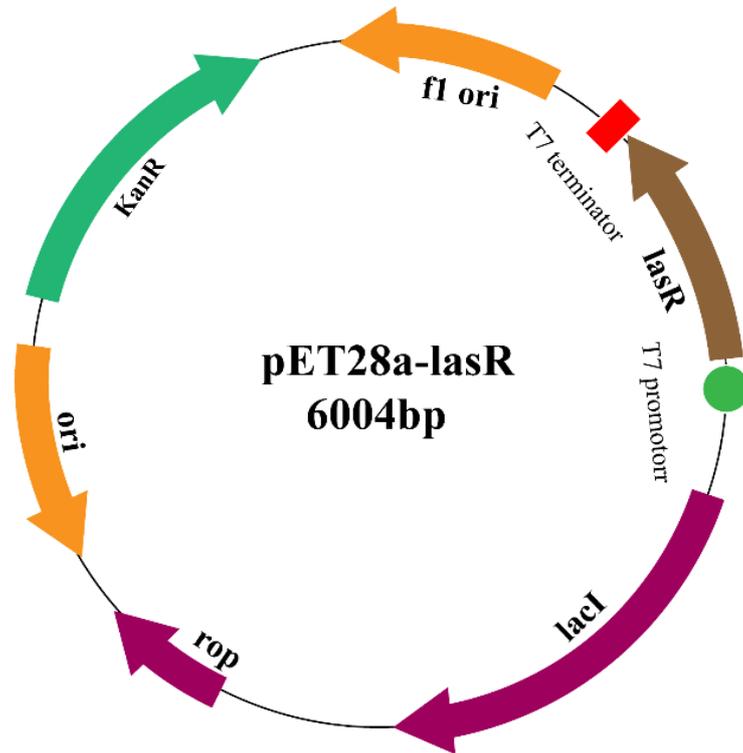


Figure S3: Construction map of pET28a-lasR plasmid.