

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_74428
Title of the Manuscript:	DISTRIBUTION OF FOUR BIOFILM ASSOCIATED GENE AMONG A.BAUMANNII BY IN SILICO-PCR
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	<p>Major Comments 1 For the strains that were not amplified by <i>in silico</i> PCR, it is unclear whether the gene is defective or just not amplified by <i>in silico</i> PCR, such as a 3' mutation in the primer sequence. Since we should have genomic information on at least the strains that were not amplified by <i>in silico</i> PCR (in the case of the <i>bfmS</i> gene, the nine strains found to have no bands), authors need to perform at least a BLAST search for the <i>bfmS</i> gene. Furthermore, if the homologous gene is present but not amplified by <i>in silico</i> PCR, the primers should be modified so that the gene can be amplified by <i>in silico</i> PCR.</p> <p>Major Comment 2 Overall, authors should review carefully. Gene names should be italicized, and the first letter should be lower case. The species name of the bacteria should also be italicized, and the first letter should be lowercase.</p>	<p>The genes were not amplified. In the in-silico tool, with the set default strains, if the bands are not amplified, they are considered as not present.</p> <p>Done accordingly.</p>
<u>Minor</u> REVISION comments	<p>The primers in Table 1 seem to be based on primers used in previous studies, so the reference should be cited and added to the table in Table 1.</p>	<p>Added.</p>
<u>Optional/General</u> comments	<p>This paper describes a study of four genes involved in biofilm formation in <i>Acinetobacter baumannii</i>, using <i>in silico</i> PCR to investigate the applicability of available primers and the distribution of the genes in the genomic data of 19 strains. <i>in silico</i> PCR amplification of the <i>bfmt</i> gene was observed in 10/19 strains. <i>A. baumannii</i> is a gram-negative bacteria distributed in the environment with relatively low virulence, but it is highly drug-resistant and forms biofilms, causing nosocomial infections.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	No ethical issues involved with the study.