

Review Form 1.7

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| Journal Name: | Microbiology Research Journal International |
| Manuscript Number: | Ms_MRJI_117524 |
| Title of the Manuscript: | Diversity and phylogeny of symbiotic bacteria nodulating common bean (<i>Phaseolus vulgaris</i> L) in Côte d'Ivoire |
| Type of the Article | Original Research 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:

(<https://www.journalmri.com/index.php/MRJI/editorial-policy>)

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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) |
|--|---|---|
| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <p>1. Yes, important to the scientific community. However in introduction, addition to that proposed objectives, the regional specific diversity of nodulating bacteria and its uniqueness has to be included in this studies. This will expose the present studies considering the identified new species to agriculture sectors.</p> <p>2. Title is simple and adequate to the present study.</p> <p>3. Yes, the abstract of the article is comprehensive.</p> <p>4. Appropriate subsections and structure of the manuscript are noted.</p> <p>5. The manuscript is scientifically correct, However the additional information (mentioned in general comments) for the enrichment of article have to be furnished.</p> <p>6. Authors are requested to add (or cite) few recent references to this article, in order to focus the diversity of bacterial population and its specific roll in the symbiotic nature to this common bean (<i>Phaseolus vulgaris</i> L).</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <p>1. Minor revision/ modification of English correction are expected during the revision/ correction.</p> | |
| <p>Optional/General comments</p> | <p>General Comments:</p> <p>1. Add, the data of nodulation competitiveness of <i>Allorhizobium taibaishanense</i> to the common bean similar with other strain.</p> <p>2. Further, Are they (<i>Allorhizobium taibaishanense</i>) able to re-nodulate their host?, to indicate that they are true microsymbionts to the common bean.</p> <p>3. Kindly justify the majority distribution of <i>Rhizobium</i> among the other isolates with the Common bean.</p> <p>4. Find the correlation between the isolate and logal soil factor with regional (locality and climatic) specification using the available data, before further studies.</p> <p>5. Furnish the comparative efficiency of the isolate with its geographical distribution.</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> | |

Reviewer Details:

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|----------------------------------|---|
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