

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_88186
Title of the Manuscript:	In silico analysis of transcription factor binding sites and impact of defense responsive phytohormones in OsPR1a
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.journalijpss.com/index.php/IJPSS/editorial-policy>)

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		
<u>Minor</u> REVISION comments	<p>why there is a sentence contradiction on the role of the OsPR1a gene at the beginning (12 h) and late (48 h) after phytohormone treatment was not studied, but you state that "we performed a comprehensive in silico analysis of the OsPR1a gene to study how the transcription factor binding site (TFBS)) regulate their gene expression".....</p> <p>Use sentences that are clear what your research results in short but easy to understand</p> <p>explain why use this method and how accurate it is to detect it</p> <p>Poor "Conclusions".</p> <p>Except this suggestion, the paper can be published as it is.</p>	<p>Suggestion has been incorporated.</p> <p>The pathogen-resistant genes play a main role in identifying ideal promoters because it is rapidly activated in response to multiple phytopathogens. So, in order to explore promoter region of <i>OsPR1a</i> gene <i>in silico</i> analysis of promoter region was performed.</p> <p>Promoter analysis tools provide an informative resource for detecting transcription factor binding sites (TFBSs). PlantPan3.0 contains maximum number of TFs and matrices of TFBSs among 76 plant species covering major families of plants.</p> <p>Changed as per suggestions</p>
<u>Optional/General</u> comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	