



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_49208
Title of the Manuscript:	RNA Interference: A versatile tool for Functional Genomics and unraveling the genes required for viral disease resistance in plants
Type of the Article	Review 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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)
Compulsory REVISION comments	<p>I have highlighted the mistakes and corrections, please check them in the manuscript.</p> <p>Line 3: Unravelling</p> <p>In these sections, Target sequence selection VIGS constructs preparation Preparation of virus inoculum and infecting target plants with engineered virus Assessment of virus-induced gene silencing --- you have not added references in these sections. I think you must.</p> <p>There are many references missing from the reference section, I have highlighted the references. Please go through all the references and add missing ones.</p> <p>Line 600: you mentioned that "the CRISPR/Cas gene-editing technology was derived from a naturally occurring plant-defense mechanism" but the technology was discovered in microbs. Correct it. Write about discovery of CRISPER system. Figure 4, does not support the data for which you mentioned it.</p>	Corrections have been made in the revised MS
Minor REVISION comments	<p>I have highlighted the mistakes and corrections, please check them in the manuscript.</p> <p>Line 62: parallelly Line 329: S. pombe Line 440 Line 459 Line 560 : target</p>	Corrected
Optional/General comments	You should add some data regarding use of RNAi technology in commercial crops, like cotton.	



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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>	