



SDI Review Form 1.6

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_38120
Title of the Manuscript:	Association Mapping for Leaf and Stem Rust Resistance using Worldwide Spring Wheat collection
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:

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



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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		
<u>Minor</u> REVISION comments	The present manuscript provides a new resource of SNP markers for leaf and stem rust resistance in wheat via association mapping method. The work is interesting and has great implications for acceleration of wheat breeding. SNP markers reported in this manuscript can represent novel tools for marker-assisted selection and even genome-selection in wheat. Therefore, I would like to recommend this paper to be published. However, some specific items, listed below, need to be improved. 1. Page 2, line 47, "few years" should be "a few years"; 2. Page 2, line 52, should delete "including"; 3. Page 3, line 58, "continued the evolution" should be "the continued evolution"; 4. Page 3, line 81, " Marker-assisted selection (MAS)" was appeared in a repeated form, suggest as "MAS"; 5. Page 3, line 84, "GWAS" appeared in the manuscript at the first time, full name may be better; 6. Page 3, line 85, "Genome-wide association mapping" was appeared at the second time, suggest as "GWAS"; 7. Page 4, line 96, "(Gao et al., 2017) evaluated" should be "Gao et al. (2017) evaluated". Such sloppy negligence was observed throughout the entire manuscript. Suggest the authors to check and correct them individually and carefully. 8. Page 4, line 98, "gwas" should be "GWAS"; 9. Page 4, line 111-112, "never been before...in Egypt" should be "never been tested...in Egypt before"; 10. Page 4, line 115, "," should be "·"; 11. Page 5, line 128, "until" should be "to"; 12. Page 8, line 221, "0.43 to 61" should be "0.43 to 0.61".	
<u>Optional/General</u> comments		

Reviewer Details:

Name:	Fang Tang
Department, University & Country	Inner Mongolia Agricultural University, College of Grassland, China