



SDI Review Form 1.6

Journal Name:	Asian Journal of Biotechnology and Genetic Engineering
Manuscript Number:	Ms_AJBGE_46128
Title of the Manuscript:	Assessment the correlation between Polymorphisms of ZNF804A and DISC1 Genes in Patients with Schizophrenia in Iran
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)
Compulsory REVISION comments	<ul style="list-style-type: none"> - The genes ZNF804A and DISC1 were selected to be studied in this research. However, any explanation about their link to mental diseases is explained. - At the end of abstract is explained this study would be suitable for treatment. However, a brief correlation with a very little difference in percentages with the control group are not information enough for any treatment, specially talking about genes, which treatment requires early manipulation. That sentence might be change into “ a way to providing suitable information about the disease in order to prepare patients and family and to program adjusted treatment to prevent major injuries”. - In result paragraph, it is written the genes and segments studied (ZNF804A and DISC1 genes in regions rs1344706 and rs6675281. However, it is not explained why those segments and not another ones, why those pieces are relevant to the study. - Percentages of differences 26%, 52% and 22% in experimental groups vs 48%, 44% and 8% in control groups are not solid enough to make any conclusion about treatment, not even to make a preventive in better health program. - Figures 1 and 2 are not well explained: where is the control well with referential values ? Why homozygous and heterozygote samples are not consecutive ? Visually it is not clear where is the important information to show. Why well 1 is not a control ? Why a specific bp DNA is colored in red ?, etc.... - Discussion paragraph is mentioning the diagnosis of schizophrenia genetically. However that step is such an ethical deal not even 	



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	possible to consider with that little experimental data obtained. Sentence should be rephrased.	
Minor REVISION comments		
Optional/General comments	Genetical treatment are suggested with very little experimental data to sustain.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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