



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Advances in Biology &amp; Biotechnology</a>
Manuscript Number:	Ms_JABB_34580
Title of the Manuscript:	<b>Preliminary Analysis on the Genetic Variants of Some Whey Proteins and Their Relationship with Milkfat in West African Dwarf Goat</b>
Type of the Article	<b>Original Research Article</b>

**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)
<b>Compulsory</b> REVISION comments	<p>This is a preliminary work carried out with the objective to analyze the genetic variants of some whey proteins and their relationship with milk fat in West African dwarf goat. The methods and results are insufficient:</p> <p>1. There is no way to generate the results shown in table 1 from the data provided. We need to see the electrophoresis gels, which were not shown at all.</p> <p>2. For allele variations, the authors should use restriction analysis/polymorphism and show all gel data. What has been used and shown could not justify the data provided.</p>	<p>While molecular analysis are the methods of choice, allozyme markers provides an insight into the degree of genetic relationship that can be assessed in a population that has not been characterized. Several reports using the method has been published:</p> <p>1. Awobajo. O. K, Salako, A. E., Akinyemi, M. O and Osaiyuwu, O. H. (2015). Analysis of genetic structure of Nigerian West African Dwarf goats by allozyme markers. <i>Small Ruminant Research</i> 136: 145 – 150</p> <p>2. Akinyemi M. O., Osaiyuwu, O. H., and Ajayi, A. Y. (2014). Biochemical Characterisation of Muscovy and Mallard Ducks in Nigeria. <i>International Journal of Science and Nature</i> 5 (3): 557 – 562.</p>
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		