



SDI Review Form 1.6

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_40516
Title of the Manuscript:	DETECTION OF PLASMID-MEDIATED AmpC BETA-LACTAMASE ENZYME AMONG Escherichia coli ISOLATES IN LIVESTOCK.
Type of the 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)
<u>Compulsory</u> REVISION comments	The author should re-write the results sections. The author should re-write the discussion sections	How? We need to be directed to specific areas of the results and discussion sections rather than asking for a total re-write. It may mean these two important sections are condemned.
<u>Minor</u> REVISION comments	Page 1, line 20 change the word lactamse to lactamase Page 1, line 46, Author should explain what does AmpC stands for, together with <i>blaAmpC</i> Page 2 line 65, there are only few studies.....author should include reference of the few studies atated. Results Page 4, line 147-149. Some data are missing for goat. The author should revise the sentence. Page 5, line 210, need reference The suthor should start by discussing the results of her/his present study then compare to other study done in Nigeria, Then you can compare with other finding outside Nigeria.	1.Beta-lactamases are classified by two different schemes, according to Ambler's Classification which has to do with its structural homology or Bush's and Jacoby's classification which are hydrolytic properties. There are 4 groups of beta-lactamases according to the Ambler's classification (Groups A, D, C, and B). Group C are the cephalosporinases or AmpC which exhibits a greater hydrolysis for cephalosporins in comparison to benzylpenicillin. 2.This sentence simply means: Cattle – 23.98%, Chicken – 26.53%, Goat – 26.53% while Pig – 22.96%. 3. Authors agreed to pick each point of the results and discuss same in this section while also doing the global comparison especially as only very studies exist in Nigeria.
<u>Optional/General</u> comments		