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OPEN PEER REVIEW

Real-time PCR High-resolution Melting Analysis for the Species Identification of Meat Products: Focusing on Food Safety and Detection of Meat Adulterations

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About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

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1 Original submission

2 comments · 19 Jan 2021 – 20 Jan 2021

Seyyed Javad Seyyed Tabaei Reviewer

ACCEPT 19 Jan 2021

In the name of the Lord
Greetings and respects to all esteemed professors.
Esteemed Thrita Journal, the article in question is rich and of interest in terms of its topic, content, and writing
style.
I thank all the esteemed professors of the valued Thrita Journal.

Vahid Raissi Reviewer

ACCEPT 20 Jan 2021

**Comment to Author
I really don't believe that there are many objections to this paper. I hope that all goes well and offer the following suggestions.
The text must be revised by a native speaker in terms of grammar and punctuation.
Good luck

2

Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Dear respected editor in chief

Thrita journal

On behalf of my co-authors, I'd like to express our sincere gratitude for considering our manuscript titled **"Real-time PCR-high resolution melting analysis for species identification of meat products: focusing on food safety and detection of meat adulterations"** and giving us the opportunity to resubmit our manuscript revised according to respected reviewers' comments to "Thrita journal". We appreciate the time and effort that you and the respect reviewers have dedicated to providing your valuable feedback on our manuscript. We are grateful to the respected reviewers for their comments on our paper. We have been able to incorporate changes to reflect most of the suggestions provided by the reviewers.

Here is a point-by-point response to the reviewers' comments.

Reviewers' Comments:

Reviewer 1:
In the name of God
With greetings and respect to all the honorable professors.
Valuable journal Thrita: the article in question is rich and satisfactory in terms of subject, content, and type
of writing.
I thank all the esteemed professors of the valuable journal Thrita.

Response: Really thanks for your time and consideration

I hope this advice about the manuscript in title " Real-time PCR-high resolution melting analysis for species identification of meat products: focusing on food safety and detection of meat adulterations" first your needs. Based on the reviews, it was decided to Accept the manuscript.

Comment to Author

I really don't believe that this paper has many objections. I hope that all goes well and offer the following suggestions.
The text must be revised by a native in terms of grammar and punctuation

Good luck

Response: Really thank you for your time and consideration. The English language of manuscript was double-checked and revised. All grammatical mistakes and punctuations were corrected.

Reviewer 3:
This manuscript does not innovate.

Response: Really thank you for your time and consideration. We used a modified Real-time PCR-high resolution melting method to detect different meat samples originated from various species. However this method is applying for meat adulteration all over the world, we here introduce a simplified and also sensitive method for detecting meat frauds. This method will be applicable, as a reliable method for meat authenticity of meat products, for many QC labs related to food industry.

Associate Editor's Comments:

Associate Editor 1:
Dear author Thank you for your attention to Thrita journal and look forward to posting

further articles Due to the lack of innovation, your article will be referred for general changes

EIC Decision:

Dear Author:
Your manuscript was reviewed. There are some reviewers' comments at the bottom of the letter. As we are facilitating the reviewing procedure, we are expecting to receive your revised version in 7 days.
Regards.

Response: Thanks Dear Editor for your time and consideration. All reviewers' comments were responded and the related corrections were performed in main manuscript but not highlighted.

[Translated from Persian by the Brieflands editorial office.]

2 Revision 1

1 comment · 3 Apr 2021

Referee 1 Reviewer

MINOR REVISION 3 Apr 2021

Please describe the novelty of this manuscript.
Please summarize the conclusion.
The discussion section is poor. Please rewrite this section.
Please improve your English.

3

Revision 2

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Dear respected editor in chief

Thrita journal

On behalf of my co-authors, I'd like to express our sincere gratitude for considering our manuscript titled **"Real-time PCR-high resolution melting analysis for species identification of meat products: focusing on food safety and detection of meat adulterations"** and giving us the opportunity to resubmit our manuscript revised according to respected reviewers' comments to "Thrita journal". We appreciate the time and effort that you and the respect reviewers have dedicated to providing your valuable feedback on our manuscript. We are grateful to the respected reviewers for their comments on our paper. We have been able to incorporate changes to reflect most of the suggestions provided by the reviewers.

Here is a point-by-point response to the reviewers' comments.

Reviewers' Comments:

Reviewer 1:
-
Reviewer 2:
Please provide the novelty of this manuscript

Response: The innovation of this work is the molecular detection of halal and haram meat samples using the high resolution melting (HRM) analysis

Please summarize the conclusion.

Response: It was done

The discussion section is poor. Please rewrite this section

Response: The discussion was revised

Please improve your English

Response: The English language of manuscript was double-checked and revised. All grammatical mistakes and punctuations were corrected.

All reviewer's comments were considered and the revised sections were highlighted in green

Sincerely

3 Revision 2

0 comments

No public comments in this round.