

Reviewer Report

Title: Comparative Proteomics Analysis of Tibetan Hulless Barley under Osmotic Stress via Data-Independent Acquisition Mass Spectrometry

Version: Original Submission **Date: 11/6/2019**

Reviewer name: N.P. Singh

Reviewer Comments to Author:

The author very well explained the hypothesis, methods and results in the manuscript. The manuscript may be accepted after some minor revisions. The author has to revise the manuscript thoroughly from English editing expert along with the following revisions:

Page 5, Paragraph no. 3, line no. 8: Please clarify the statement 'The role of proteinstranslational regulations'.

Page 6, Paragraph no. 2, line no. 7: Please clarify the statement 'Time-course..... respectively'.

Page 8, Paragraph no. 4, line no. 5: Rewrite the text 'To evaluate samples'.

Page 10, Paragraph no. 2, line no. 10: Please specify the statement 'This results treatment group'.

Page 11, Paragraph no. 3, line no. 4: Rewrite the text 'Significantlychangeâ%£2'.

Page 12, Paragraph no. 2, second last line: Explain the statement 'This result showed water deprivation '.

Page 15, Caption for the supplementary Figure S2d 'Principal component analysis (PCA) score plot for proteins in wheat XL and DL' the word 'wheat' is mentioned and the work has been carried out on the barley. please explain?

Methods

Are the methods appropriate to the aims of the study, are they well described, and are necessary controls included? Choose an item.

Conclusions

Are the conclusions adequately supported by the data shown? Choose an item.

Reporting Standards

Does the manuscript adhere to the journal's guidelines on [minimum standards of reporting?](#) Choose an item.

Choose an item.

Statistics

Are you able to assess all statistics in the manuscript, including the appropriateness of statistical tests used? Choose an item.

Quality of Written English

Please indicate the quality of language in the manuscript: Choose an item.

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